

CATALOGUE

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We're here for you!



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find what?*

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Made by generations, for generations



The fact that POSCH customers are still using, repairing and restoring their orange-and-green powerhouses even after 30 years confirms that the POSCH corporate philosophy is the right one: Machines built by and for generations!

In 1947, Ferdinand Posch laid the foundations by founding the company. Ever since then, we have carried on his values, which are also close to our customers' hearts: Quality over quantity.

And even today – almost 80 years later – we still manufacture log splitters and circular saws that make hard work easier – designed and manufactured in Austria.

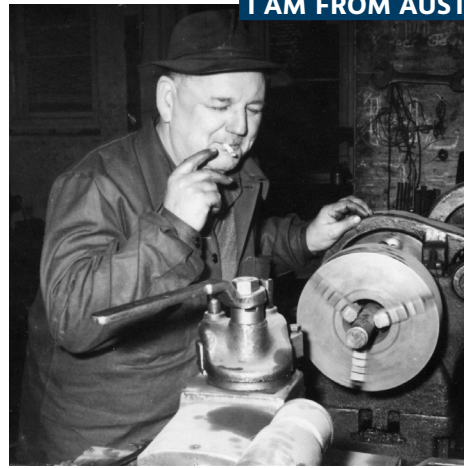
For almost 80 years, we have been working day in, day out to make heavy timber work easier.

A KNACK FOR FIREWOOD



To this day, all our products are manufactured directly in Leibnitz, just as Grandad Ferdl used to do: from the initial spark of inspiration right through to assembly – every stage of the process is 100% Austrian!

I AM FROM AUSTRIA



A LIFETIME OF WOOD-SPLITTING LENGTH

For us, real success stories are when POSCH customers are still using their orange-and-green powerhouses even after 30 years.



MACHINES, BY AND FOR GENERATIONS

Now in its third edition, is currently being held, a South Styrian company now in its 3. generation. In doing so, Petra and Johann Tinnacher are making a conscious effort to distance themselves from a throwaway society and the short lifespan of products.

SHORT LOG SPLITTER



SpaltAxt p. 06

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FULL-LENGTH LOG SPLITTER

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KINDLING- AND AUTOMATIC FIREWOOD SAWS



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Splitting



From trunk to logs with POSCH log splitters.
Powerful, safe and reliable – whether it's short
logs, metre-long logs, kindling or firewood!

SpaltAxt

The short log splitter for your firewood

Since the 1980s, this little powerhouse has been an integral part of our product range and has established itself as a popular classic for firewood production. Its manoeuvrability and practical wheels mean you can fast get the machine out of the shed and have it ready for use in just a few minutes. The splitting process is triggered by a two-handed control – this allows you to work safely and efficiently at the same time.

With a splitting force of up to 8 tonnes, the SpaltAxt turns short trunks into firewood in no time at all. The three-point linkage ensures maximum flexibility: That way, your SpaltAxt will be where it's needed in no time.

SpaltAxt



in action!



SPLITTER
standing



TRUNK Ø
max. 50 cm



PRODUCES
Short timber



SpaltAxt

Here you see the following configuration example:

Item no: M6140N SpaltAxt 8, E5.5-400 Turbo

Item no: F0002544 Special blades with rollers, slide-on (optional)



TRUNK Ø
max. 50 cm



LOG LENGTH
max. 55 cm



SPLITTING FORCE
max. 8 t



SUPPLY/RETURN
8 | 46 cm/s



PROCESSING VOLUME
up to 20 srm per year



WEIGHT
at least 130 kg

Highlights

WORKING EFFICIENTLY WITH THE SPALTAXT

Are you fed up with all the fiddly steps involved in cutting the wood into small enough pieces? With the SpaltAxt, you can efficiently manoeuvre the trunk into the desired position – either by moving the two-handed control back and forth or by simply rotating the trunk on the splitting table.



COMPACT WHEN STORED AND GROSS AT WORK

Not much storage space? For space-saving storage and transport, the blade guide tube can be retracted and the wood supports can be attached to the magnets and spring pins at the designated storage positions tool-free.



WOODEN TRAYS

Two handy tools to help you when using the SpaltAxt: Pieces of wood that are to be split again can be conveniently placed on the two standard wood supports. These are located on the left and right of the machine at an ergonomic height and within easy reach. They also serve as a temporary storage area for split firewood, which can then be transported to the storage area. For space-saving storage and easy transport, the wood supports can be attached to the magnets and spring pins at the designated storage points tool-free.



SIMPLE AND TOOL-FREE SPLIT-STROKE ADJUSTMENT

Unnecessary empty runs when splitting short timber cost time! Work more efficiently by simply adjusting the splitting stroke to the desired log length at a comfortable operating height – without any tools and in a single simple step.



EASY TRANSPORT BY HAND

Stay mobile: The large solid rubber wheels (300 mm in diameter) and the standard support wheel ensure excellent stability and allow the SpaltAxt to be moved effortlessly on paved surfaces. **Another handy feature:** The footrest makes it easier to tilt the machine into the transport position.

OPTIONAL

SPECIAL WEDGE WITH ROLLERS

This saves you time and effort!
See page 17 for more information!



SpaltAxt

THE EVOLUTION OF THE CLASSIC

The first short log splitters came onto the market in the 1980s – back then, they were still large and bulky.

Demand for a more compact, flexible solution was growing, and so the development of the HydroMini began, packing the power of a large splitter into a more manageable format. The success of the HydroMini ultimately led to the development of the SpaltAxt, which took the market by storm with its combination of efficiency and portability and remains a popular choice for many applications to this day.

Naturally popular

Every now and then, you come across one or two SpaltAxt models in a shed. The classic choice for anyone who wants to perform the splitting of their own firewood fast, with safety and convenience. In short: The SpaltAxt is always a good choice!

A tilting saw and a SpaltAxt in one? This machine was part of the POSCH product range in 1989. There was also a special attachment for the SpaltAxt designed for crushing tins.

Nice to know!

FROM THE FIELD

When the Resl Resort says: "Turn big into small!" – the POSCH powerhouse for splitting short timber logs is brought out of the shed.



Our hotel guests love the old wood-burning stove in the Jägerstüberl. To heat it, we chop our own firewood for the whole season:

Once or twice a year, we take our roughly 20-year-old SpaltAxt and the tilting saw out of the shed for this purpose. Everything's working perfectly!

DANIEL WARTER
FROM THE HOTEL RESLWIRT IN FLACHAU

That's a point in favour of the SpaltAxt!

TWO-HANDED CONTROL

The SpaltAxt is operated via a safe two-handed control. Technical innovations ensure an efficient cracking process: Integrated metal clamping jaws ensure precise positioning and a secure hold on the material being split to ensure safety. Spring clips prevent the device from sliding towards the operator. In addition, side guards protect against falling timber.



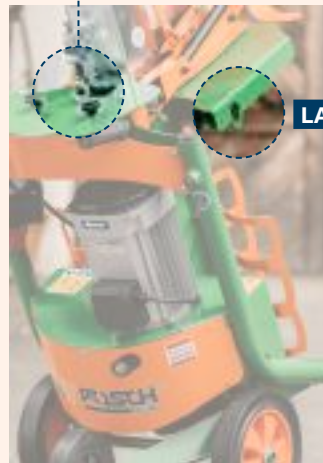
HYDRAULIC TANK

Easy on your wallet and the environment: The specially designed hydraulic tank ensures efficient cooling, and the ratio of tank capacity to surface area has been optimised. This significantly reduces the amount of hydraulic oil required, making the SpaltAxt particularly easy to maintain!



SAFE LOADING AND UNLOADING

Not to be taken for granted: The integrated lifting points enable safety and effortless loading and unloading using a lifting tool.



LASHING POINTS

To ensure safe transport, the machine is equipped with lashing points that allow it to be securely fastened to the trailer.



SpaltAxt Overview

Drive	SpaltAxt 6			SpaltAxt 8			
	Drive 1	Electric motor	Electric motor	Electric motor	Electric motor	Electric motor	Tractor hydraulics
	Drive 2	-	-	-	-	-	-
	Type	E3-400	E3-230	E5.5-400 Turbo	E3-400	E3-230	PS Turbo
Basic model	adjustable splitting stroke	✓	✓	✓	✓	✓	✓
	2-way slotted blade	✓	✓	✓	✓	✓	✓
	two wood trays	✓	✓	✓	✓	✓	✓
	Two-handed control	✓	✓	✓	✓	✓	✓
	Wood clamping tip	✗	✗	✓	✓	✓	✓
	Automatic wood clamping	✓	✓	✗	✗	✗	✗
	Solid rubber wheels, 300 mm diameter	✓	✓	✓	✓	✓	✓
	Support wheel, 200 mm diameter	✓	✓	✓	✓	✓	✓
Technical data	Splitting force max. t	6	5	7.2	7.2	6	7.2
	Minimum log diameter (cm)	8	8	8	8	8	8
	Log diameter max. cm	35	35	40	40	40	40
	Log length min. cm	10	10	10	10	10	10
	Log length max. cm	55	55	55	55	55	55
	Cylinder stroke max. mm	540	540	540	540	540	540
	Weight kg	130	136	156	142	146	220
	Splitting wedge length mm	200	200	200	200	200	200
	Feed (Drive 1) cm/s	5	5	7	5	5	7
	Return (Drive 1) cm/s	31	26	41	31	26	41
	Feed rate (Drive 2) cm/s	-	-	-	-	-	-
	Return (Drive 2) cm/s	-	-	-	-	-	-
	Power specification electric motor S6 kW	3	3	5.5	3	3	-
	Average power consumption kWh*	1.5 – 2.5	1.0 – 2.0	2.0 – 3.0	1.5 – 2.5	1.0 – 2.0	-
	Motor protection switch	✓	✓	✓	✓	✓	-
	Phase inverter	✓	-	✓	✓	✓	-
	Rotation field detection	-	-	-	-	-	-
	Mains power requirements	3x 400 V, 50 Hz, CEE 16 A	1x 230 V, 50 Hz, CEE 7/3, 16 A	3x 400 V, 50 Hz, CEE 16 A	3x 400 V, 50 Hz, CEE 16 A	1x 230 V, 50 Hz, CEE 7/3, 16 A	-
	Power requirement PTO kW	-	-	-	-	-	-
	PTO speed (rpm)	-	-	-	-	-	-
	Joint shaft required	-	-	-	-	-	-
	Internal combustion engine power	-	-	-	-	-	-
	Fuel consumption l/h	-	-	-	-	-	-
	Fuel tank capacity in litres	-	-	-	-	-	-
	Hydraulic oil tank capacity l	4	4	5	5	5	-
	Length transport / working position mm	1170 / 1150	1170 / 1150	1150 / 1150	1150 / 1150	1150 / 1150	1250 / 1250
	Width transport / working position mm	800 / 600	800 / 600	800 / 600	800 / 600	800 / 600	1000 / 1000
	Height transport / working position mm	1260 / 1150	1260 / 1150	1300 / 1150	1300 / 1150	1300 / 1150	1150 / 1150
Accessory equipment	Special wedge with rollers	○	○	○	○	○	○
	Drive shaft	✗	✗	✗	✗	✗	✗
	Hour meter	○	✗	○	○	○	✗
Transport	Solid rubber wheels, diameter 300 mm	✓	✓	✓	✓	✓	✓
	Pneumatic tyres	✗	✗	○	○	○	○
	Three-point linkage Cat. I + II	✗	✗	○	○	○	✓

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.

SpaltAxt 8			SpaltAxt 10					
Tractor PTO shaft	Hybrid drive: Tractor PTO shaft	Petrol engine	Electric motor	Electric motor	Tractor hydraulics	Tractor PTO shaft	Hybrid drive: Tractor PTO shaft	Petrol engine
-	Electric motor	-	-	-	-	-	Electric motor	-
PZG Turbo	PZG-E5.5-400 Turbo	B3.1	E5.5-400 Turbo	E3-400	PS Turbo	PZG Turbo	PZG-E5.5-400 Turbo	B9.7 Turbo
✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓
✗	✗	✗	✗	✗	✗	✗	✗	✗
✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓
7.2	7.2	7.2	8	8	8	8	8	8
8	8	8	8	8	8	8	8	10
40	40	40	50	50	50	50	50	50
10	10	10	10	10	10	10	10	10
55	55	55	55	55	55	55	55	55
540	540	540	540	540	540	540	540	540
170	198	144	194	180	197	210	246	212
200	200	200	265	265	265	265	265	265
8	8	5	7	5	7	8	8	7
46	46	31	28	21	28	32	32	28
-	7	-	-	-	-	-	7	-
-	41	-	-	-	-	-	28	-
-	5.5	-	5.5	3	-	-	5.5	-
-	2.0 – 3.0	-	2.0 – 3.0	1.5 – 2.5	-	-	2.0 – 3.0	-
-	✓	-	✓	✓	-	-	✓	-
-	✓	-	✓	✓	-	-	✓	-
-	-	-	-	-	-	-	-	-
-	3x 400 V, 50 Hz, CEE 16 A	-	3x 400 V, 50 Hz, CEE 16 A	3x 400 V, 50 Hz, CEE 16 A	-	-	3x 400 V, 50 Hz, CEE 16 A	-
5	5	-	-	-	-	5	5	-
430	430	-	-	-	-	430	430	-
Yes	Yes	-	-	-	-	Yes	Yes	-
-	-	3.1 kW / 4.2 HP	-	-	-	-	-	9.7 kW / 13.2 HP
-	-	0.5 – 0.8	-	-	-	-	-	1.0 – 1.3
-	-	1.1	-	-	-	-	-	2.1
5	5	5	7	7	-	7	7	7
1300 / 1250	1250 / 1250	1150 / 1150	1200 / 1150	1180 / 1150	1270 / 1250	1250 / 1250	1250 / 1250	1300 / 1150
800 / 1000	1000 / 1000	600 / 600	800 / 600	800 / 600	800 / 1000	1000 / 1000	800 / 1000	1000 / 600
1350 / 1150	1150 / 1150	1150 / 1150	1320 / 1150	1330 / 1150	1300 / 1150	1150 / 1150	1350 / 1150	1300 / 1150
○	○	○	○	○	○	○	○	○
○	○	✗	✗	✗	✗	○	○	✗
○	○	○	○	○	✗	○	○	○
✓	✓	✓	✓	✓	✓	✓	✓	✓
○	○	○	○	○	○	○	○	○
✓	✓	✗	○	○	✓	✓	✓	✗

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.

○ optional ✗ not available ✓ standard equipment

Basic model SpaltAxt 6

Robust vertical log splitter for short timber with a splitting force of up to 6 t.

Article no.	Type	Name	Drive	Feed cm/s	Return flow cm/s	Splitting force t	Weight ~ kg
M6153N	E3-400	SpaltAxt 6, E3-400, vertical log splitter for short timber with 6 t splitting force, electric motor drive, 3 kW, S6, 3 x 400 V, 50 Hz, CEE 16 A, motor protection switch with phase inverter, 2-way slotted blade (length 200 mm), two-handed control with automatic wood clamping, splitting stroke adjustment, max. log length 55 cm, 2 wood trays, 2 handles and 2 solid rubber wheels, plus 1 solid rubber support wheel for transport	⚡	5	31	6	130
M6151N	E3-230	SpaltAxt 6, E3-230, vertical log splitter for short timber with 5 t splitting force, electric motor drive, 3 kW, S6, 1 x 230 V, 50 Hz, CEE 7/3 16 A, direct start with motor protection, 2-way slotted blade (length 200 mm), two-handed control with automatic wood clamping, splitting stroke adjustment, max. log length 55 cm, 2 wood trays, 2 handles and 2 solid rubber wheels, plus 1 solid rubber support wheel for transport	⚡	5	26	5	136



ELECTRIC DRIVE

Efficient, quiet and environmentally friendly: The electric motor: a cost-effective solution!



2-WAY SLOTTED BLADE

The splitting blade, which slopes diagonally forwards and has a length of 200 mm, prevents the wood from being subjected to pressure from the operator whilst also reducing the effort required to split the wood.

AUTOMATIC WOOD CLAMPING IN SPALTAXT 6

Thanks to the automatic wood clamping, even smaller logs – which would otherwise fall over – can be positioned comfortably and safely beneath the splitting blade and split.





The Posch customer magazine!
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Accessory equipment SpaltAxt 6

For more power and comfort during producing firewood.

Article no.	Name	Type E3-400	Type E3-230	Weight ~ kg	
F0001654	Special blades with rollers, slide-on type, suitable for SpaltAxt 6	O	O	7	
F0002179	Hour meter with analogue display, Suitable for machines with an electric motor drive	O	X	1	

O optional X not available ✓ standard equipment



SPECIAL BLADES WITH ROLLERS

This extendable special blade with rollers saves effort and time! Thanks to its special shape, the wood springs back fast, thereby reducing the splitting stroke required. The rollers reduce the splitting force required and prevent the split wood from becoming jammed during the return stroke.

Basic model SpaltAxt 8

Robust vertical log splitter for short timber, with a splitting force of up to 7.2 t and a splitting blade with a length of 200 mm.

Article no.	Type	Name	Drive	Feed cm/s	Return flow cm/s	Splitting force t	Weight ~ kg
M6140N	E5.5-400 Turbo	SpaltAxt 8, E5.5-400 Turbo, vertical log splitter for short timber with 7.2 t splitting force, driven by a 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, motor protection switch with phase inverter, 2-way slotted blade (length 200 mm), two-handed control, wood clamping tip, splitting stroke adjustment, max. log length 55 cm, 2 wood trays, 2 handles and 2 solid rubber wheels, plus 1 solid rubber support wheel for transport		7	41	7.2	156
M6142N	E3-400	SpaltAxt 8, E3-400, vertical log splitter for short timber with 7.2 t splitting force, driven by a 3 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, motor protection switch with phase inverter, 2-way slotted blade (length 200 mm), two-handed control, wood clamping tip, splitting stroke adjustment, max. log length 55 cm, 2 wood trays, 2 handles and 2 solid rubber wheels, plus 1 solid rubber support wheel for transport		5	31	7.2	142
M6141N	E3-230	SpaltAxt 8, E3-230, vertical log splitter for short timber with 6 t splitting force, driven by a 3 kW electric motor, S6, 1 x 230 V, 50 Hz, CEE 7/3 16 A, direct start with motor protection, 2-way slotted blade (length 200 mm), two-handed control, wood clamping tip, splitting stroke adjustment, max. log length 55 cm, 2 wood trays, 2 handles and 2 solid rubber wheels, plus 1 solid rubber support wheel for transport		5	26	6	146
M6162N	PS Turbo	SpaltAxt 8, HP Turbo, vertical log splitter for short timber with a splitting force of 7.2 tonnes at 250 bar. Drive powered by the tractor's hydraulic system; a hydraulic coupling for forward and return operation is required for size 3. Non-pressurised return movement necessary! Max. pump flow rate: 16 l/min, 2-way slotted blade (length 200 mm), two-handed control, wood clamping tip, splitting stroke adjustment, max. log length 55 cm, 2 wood trays, three-point linkage, Cat. I + II, 2 solid rubber wheels and 1 solid rubber support wheel for transport, plus a removable handle		7	41	7.2	220
M6166N	PZG Turbo	SpaltAxt 8, PZG Turbo, vertical log splitter for short timber with a splitting force of 7.2 t, driven by tractor PTO shaft, required PTO speed 430 rpm, power requirement 5 kW, 2-way slotted blade (length 200 mm), two-handed control, wood clamping tip, splitting stroke adjustment, max. log length 55 cm, 2 wood trays, three-point linkage, Cat. I + II, 2 solid rubber wheels, 1 solid rubber support wheel for transport, and a removable handle. PTO shaft required!		8	46	7.2	170
M6167N	PZG- E5.5-400 Turbo	SpaltAxt 8, PZG-E5.5-400 Turbo, vertical log splitter for short timber with 7.2 t splitting force, driven by tractor PTO shaft, required PTO speed 430 rpm, power requirement 5, kW and driven by a 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, motor protection switch with phase inverter, 2-way slotted blade (length 200 mm), two-handed control, wood clamping tip, splitting stroke adjustment, max. log length 55 cm, 2 wood trays, three-point linkage, Cat. I + II, 2 solid rubber wheels and 1 solid rubber support wheel for transport and a detachable handle. PTO shaft required!		8	46	7.2	198
				7	41		
M6168N	B3.1	SpaltAxt 8, B3.1, vertical log splitter for short timber with 7.2 t splitting force, drive powered by a 3.1 kW petrol engine, recoil starter, 2-way slotted blade (length 200 mm), two-handed control, wood clamping tip, splitting stroke adjustment, max. log length 55 cm, 2 wood trays, 2 handles and 2 solid rubber wheels, plus 1 solid rubber support wheel for transport		5	31	7.2	144



ELECTRIC DRIVE

Efficient, quiet and environmentally friendly:
The electric motor: a cost-effective solution!

2-WAY SLOTTED BLADE WITH INTEGRATED LOG-HOLDING TIP



The forward-sloping splitting blade, which has a length of 200 mm, prevents the wood being pushed towards the operator and also reduces the effort required to split the wood. Do you also work with thin or diagonally cut timber that tends to fall over easily? The wood clamping tip secures it effortlessly for the splitting process.

Special equipment SpaltAxt 8

! Only possible with original equipment, incl. installation.

Article no.	Name	Type E5.5-400 Turbo	Type E3-400	Type E3-230	Type HP Turbo	Type PZG Turbo	Type PZG- E5.5-400 Turbo	Type B3.1	Weight ~ kg
LB (SO1505)	Surcharge for pneumatic tyres (diameter 400 mm), for easier manoeuvring of the machine; the two solid rubber wheels fitted as standard are omitted.	○	○	○	○	○	○	○	10

○ optional ✗ not available ✓ standard equipment

Accessory equipment SpaltAxt 8

Article no.	Name	Type E5.5-400 Turbo	Type E3-400	Type E3-230	Type HP Turbo	Type PZG Turbo	Type PZG- E5.5-400 Turbo	Type B3.1	Weight ~ kg
F0002544	Special blades with rollers, slide-on type, suitable for the SpaltAxt 8	○	○	○	○	○	○	○	4
F0004278	Three-point linkage Cat. I + II, for machines with electric motor drive, for easy to transport by tractor. The three-point linkage Cat. I + II is fitted as standard on machines with tractor PTO shaft and hybrid drive.	○	○	○	✓	✓	✓	✗	40
F0002179	Hour meter with analogue display, suitable for machines with an electric motor drive of 400 V	○	○	✗	✗	✗	○	✗	1
F0001806	Operating hours counter with digital display of hours and PTO shaft speed, suitable for machines with tractor PTO shaft drive	✗	✗	✗	✗	○	○	✗	1
F0001482	Operating hours counter with digital display, suitable for machines with petrol engine drive	✗	✗	✗	✗	✗	✗	○	1
Z2000635	Walterscheid W-Line universal joint shaft	✗	✗	✗	✗	○	○	✗	8

○ optional ✗ not available ✓ standard equipment

Retrofitting SpaltAxt 8

Article no.	Name	Type E5.5-400 Turbo	Type E3-400	Type E3-230	Type HP Turbo	Type PZG Turbo	Type PZG- E5.5-400 Turbo	Type B3.1	Weight ~ kg
F0002581	Pneumatic tyres on a wheel set (diameter 400 mm), to make the machine easier to manoeuvre. Estimated assembly time: 2 hours	○	○	○	○	○	○	○	10

○ optional ✗ not available ✓ standard equipment

SPECIAL BLADES WITH ROLLERS

This extendable special blade with rollers saves effort and time! Thanks to its special shape, the wood springs back fast, thereby reducing the splitting stroke required. The rollers reduce the splitting force required and prevent the split wood from becoming jammed during the return stroke.



PNEUMATIC WHEEL SET WITH PNEUMATIC TYRES

Thanks to the larger wheels (400 mm in diameter), this option for pneumatic tyres offers lower rolling resistance when manoeuvring your SpaltAxt. The two solid rubber wheels fitted as standard are no longer included.

TRANSPORT ON THE TRACTOR

Do you also work outside the home and yard? Thanks to the three-point linkage, Cat. With I + II, the SpaltAxt can be easily transported on the tractor. On models with a tractor PTO shaft, this is standard; on electric-powered machines, it is available as an optional feature. In addition, the machine, which is fitted with a three-point linkage, can also be moved manually – thanks to the third support wheel and the removable transport handle, for which a handy storage option on the machine is included as standard.



Basic model SpaltAxt 10

The vertical log splitter for short timber, with a splitting force of 8 t and a splitting blade with a length of 265 mm.

Article no.	Type	Name	Drive	Feed cm/s	Return flow cm/s	Splitting force t	Weight ~ kg
M6175N	E5.5-400 Turbo	SpaltAxt 10, E5.5-400 Turbo, vertical log splitter for short timber with 8 t splitting force, driven by a 5.5 kW electric motor, S6, 3 x 400, V, 50, Hz, CEE 16 A, motor protection switch with phase inverter, 2-way slotted blade (length 265 mm), two-handed control, wood clamping tip, splitting stroke adjustment, max. log length 55 cm, 2 wood trays, 2 handles and 2 solid rubber wheels as well as 1 solid rubber support wheel for transport		7	28	8	194
M6172N	E3-400	SpaltAxt 10, E3-400, vertical log splitter for short timber with 8 t splitting force, driven by a 3 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, motor protection switch with phase inverter, 2-way slotted blade (length 265 mm), two-handed control, wood clamping tip, splitting stroke adjustment, max. log length 55 cm, 2 wood trays, 2 handles and 2 solid rubber wheels, plus 1 solid rubber support wheel for transport		5	21	8	180
M6171N	PS Turbo	SpaltAxt 10, HP Turbo, vertical log splitter for short timber with a splitting force of 8 tonnes at 190 bar. Drive powered by the tractor's hydraulic system; a hydraulic coupling for forward and return operation is required for size 3. Non-pressurised return movement necessary! Max. pump flow rate: 16 l/min, 2-way slotted blade (length 265 mm), two-handed control, wood clamping tip, splitting stroke adjustment, max. log length 55 cm, 2 wood trays, three-point linkage, Cat. I + II, 2 solid rubber wheels, 1 solid rubber support wheel and a removable handle for transport		7	28	8	197
M6176N	PZG Turbo	SpaltAxt 10, PZG Turbo, vertical log splitter for short timber with 8 tonnes of splitting force, driven by tractor PTO shaft, required PTO speed 430 rpm, power requirement 5 kW, 2-way slotted blade (length 265 mm), two-handed control, wood clamping tip, splitting stroke adjustment, max. log length 55 cm, 2 wood trays, three-point linkage, Cat. I + II, 2 solid rubber wheels and 1 solid rubber support wheel for transport, and a removable handle. PTO shaft required!		8	32	8	210
M6177N	PZG- E5.5-400 Turbo	SpaltAxt 10, PZG-E5.5-400 Turbo, vertical log splitter for short timber with 8 t splitting force, driven by tractor PTO shaft, required PTO speed 430 rpm, power requirement 5 kW and driven by a 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, motor protection switch with phase inverter, 2-way slotted blade (length 265 mm), two-handed control, wood clamping tip, splitting stroke adjustment, max. log length 55 cm, 2 wood trays, three-point linkage, Cat. I + II, 2 solid rubber wheels, 1 solid rubber support wheel for transport, and a detachable handle. PTO shaft required!		8	32	8	246
				7	28		
M6179N	B9.7 Turbo	SpaltAxt 10, B9.7 Turbo, vertical log splitter for short timber with 8 t splitting force, driven by a 9.7 kW petrol engine, recoil starter, 2-way slotted blade (length 265 mm), two-handed control, wood clamping tip, splitting stroke adjustment, max. log length 55 cm, 2 wood trays, 2 handles and 2 solid rubber wheels, plus 1 solid rubber support wheel for transport		7	28	8	212



ELECTRIC DRIVE

Efficient, quiet and environmentally friendly:
The electric motor: a cost-effective solution!



SECURE WOOD FIXATION SYSTEM

Even smaller logs, which would normally fall over, can be securely held in place by the wood clamping tip on the SpaltAxt 8 or 10 once positioned beneath the splitting blade, making them easy to split.

Special equipment SpaltAxt 10

! Only possible with original equipment, incl. installation.

Article no.	Name	Type E5.5-400 Turbo	Type E3-400	Type HP Turbo	Type PZG Turbo	Type PZG- E5.5-400 Turbo	Type B9.7 Turbo	Weight ~ kg	
LB (SO1505)	Surcharge for pneumatic tyres (diameter 400 mm), for easier manoeuvring of the machine; the two solid rubber wheels fitted as standard are omitted.	○	○	○	○	○	○	10	

○ optional ✗ not available ✓ standard equipment

Accessory equipment SpaltAxt 10

Article no.	Name	Type E5.5-400 Turbo	Type E3-400	Type HP Turbo	Type PZG Turbo	Type PZG- E5.5-400 Turbo	Type B9.7 Turbo	Weight ~ kg	
F0002546	Special blades with rollers, slide-on type, , suitable for the SpaltAxt 10	○	○	○	○	○	○	4	
F0004278	Three-point linkage Cat. I + II, for machines with an electric motor as their drive, to make them easy to transport by tractor. The three-point linkage Cat. I + II is fitted as standard on machines with tractor PTO shaft and hybrid drive.	○	○	✓	✓	✓	✗	40	
F0002179	Hour meter with analogue display, suitable for machines with an electric motor drive of 400 V	○	○	✗	✗	○	✗	1	
F0001806	Operating hours counter with digital display of hours and PTO shaft speed, suitable for machines with tractor PTO shaft drive	✗	✗	✗	○	○	✗	1	
F0001482	Operating hours counter with digital display, suitable for machines with petrol engine drive	✗	✗	✗	✗	✗	○	1	
Z2000636	Walterscheid W-Line universal joint shaft	✗	✗	✗	○	○	✗	9	

○ optional ✗ not available ✓ standard equipment

Retrofitting SpaltAxt 10

Article no.	Name	Type E5.5-400 Turbo	Type E3-400	Type HP Turbo	Type PZG Turbo	Type PZG- E5.5-400 Turbo	Type B9.7 Turbo	Weight ~ kg	
F0002581	Pneumatic tyres on a wheel set (diameter 400 mm), to make the machine easier to manoeuvre. Estimated assembly time: 2 hours	○	○	○	○	○	○	10	

○ optional ✗ not available ✓ standard equipment

SPECIAL BLADES WITH ROLLERS

This extendable special blade with rollers saves effort and time! Thanks to its special shape, the wood springs back fast, thereby reducing the splitting stroke required. The rollers reduce the splitting force required and prevent the split wood from becoming jammed during the return stroke.



PNEUMATIC WHEEL SET WITH PNEUMATIC TYRES

Thanks to the larger wheels (400 mm in diameter), this option for pneumatic tyres offers lower rolling resistance when manoeuvring your SpaltAxt. The two solid rubber wheels fitted as standard are no longer included.



TRANSPORT ON THE TRACTOR

Do you also work outside the home and yard? Thanks to the three-point linkage, Cat. With I + II, the SpaltAxt can be easily transported on the tractor. On models with a tractor PTO shaft, this is standard; on electric-powered machines, it is available as an optional feature. In addition, the machine, which is fitted with a three-point linkage, can also be moved manually – thanks to the third support wheel and the removable transport handle, for which a handy storage option on the machine is included as standard.



Oscar

Polly's little brother

The difference lies in the size:

The Oscar is even more compact and manoeuvrable, and, in addition to the version with 8 tonnes of splitting force, it is also available in 5- and 6-tonne models.

As with Polly, the splitting process on Oscar is also actuated with just one hand. The transparent polycarbonate panel shields you from the hazardous area – yet you can still see everything at a glance.

In short: Working with this little powerhouse is a breeze, and the operator feels completely safe whilst doing so.

For anyone who prefers things to be simple and practical, Oscar delivers reliable performance: It effortlessly performs splitting of short logs into firewood.

Oscar – Shut the lid, start the splitting process!

Oscar



in action!



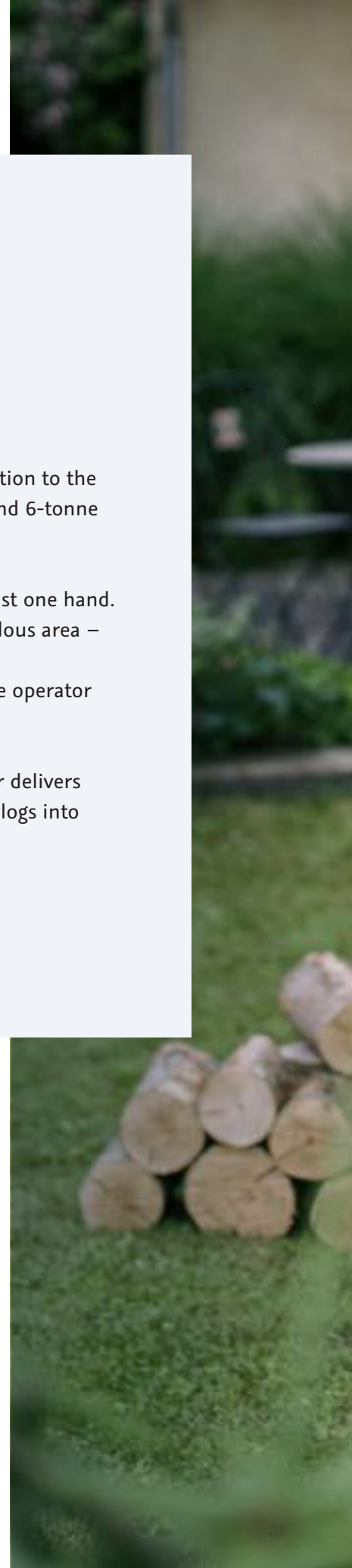
SPLITTER
lying



TRUNK Ø
max. 30 cm



PRODUCES
Short timber





Oscar

▶ Autospeed

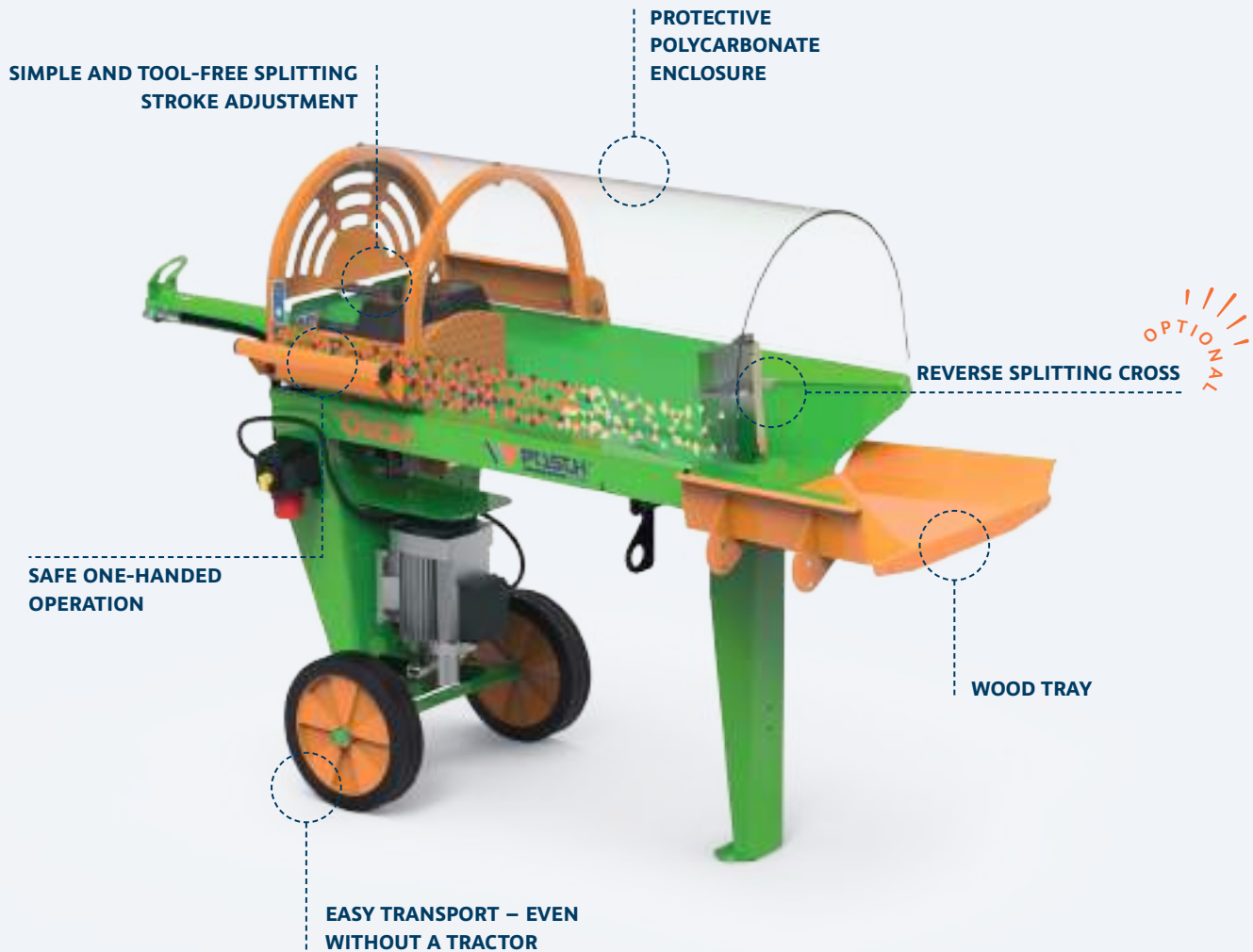
Here you see the following configuration example:

Item no: M6860NR

Oscar, E5.5-R Turbo, including 2-way slotted blade

Item no: F0004709

4-way turning cross, can be fitted in 2 positions (**optional**)



TRUNK Ø
max. 30 cm



LOG LENGTH
max. 55 cm



SPLITTING FORCE
max. 8 t



SUPPLY/RETURN
22 | 13, cm/s



PROCESSING VOLUME
up to 20 srm per year



WEIGHT
at least 180 kg

Highlights



PROTECTIVE POLYCARBONATE ENCLOSURE

Innovative, unique and protects what we hold dear: You and everyone involved in the work process. During the splitting process, the cover remains closed, thereby protecting the danger zone. Thanks to the transparent polycarbonate cover, you always have a clear view of the splitting area. It is impact-resistant and opens automatically as soon as the adjustable rip fence is released.



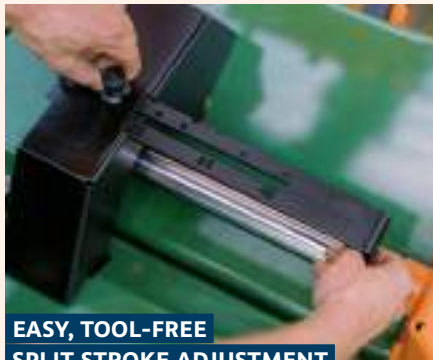
SAFE ONE-HANDED OPERATION

Close the protective hood & start the splitting process: once the protective hood has been closed, the splitting process is only activated by pressing the adjustable rip fence at operating height – this can be done with just one hand. This allows you to work comfortably and with safety at an ergonomic height using just one hand.



WOOD TRAY

Logs lying on the ground have to be laboriously picked up: Thanks to our standard wood tray, the logs remain on it at a convenient height after the splitting process, so that they can either be put away straight away or split again if necessary. A pull-out drawer can be placed under the wood tray to make it easier to remove items. The table can also be folded up for space-saving storage and transport. More information on page 27!



**EASY, TOOL-FREE
SPLIT STROKE ADJUSTMENT**

Unnecessary empty runs when splitting short timber cost time! Work more efficiently by simply adjusting the splitting stroke to the desired log length at a comfortable operating height – without any tools and in a single easy step.



**EASY TRANSPORT –
EVEN WITHOUT A TRACTOR**

Off to the scene: Thanks to its large solid rubber wheels (300 mm in diameter) and the standard handle, the machine can be moved comfortably and effortlessly by hand on paved surfaces.



4-WAY TURNING CROSS

How handy:
4 logs in one work step!
More information on page 28!



► Autospeed

On page **280**, you can find out all about the benefits of the Autospeed function!

Oscar

FROM THEORY TO PRACTICE

It all began years ago with the two previous models, the RuckZuck and the SplitMaster 9. Due to a change in legislation and standards, production of these models had to be discontinued in 2017, as the splitting area needed to be better protected. It was important to us that the splitting process remained practical.

And there you have it!

Every Polly needs an Oscar – and vice versa. Joking aside.

Oscar is a more compact, streamlined model, yet still packs plenty of power for splitting your firewood with ease.



Fun fact!

The name "Oscar" was first suggested to by our managing director, Petra Tinnacher, and then by a follower following a call for suggestions on social media.



Oscar Overview

Drive	Drive 1	Electric motor		
	Type	E5.5-400-R Turbo	E3-400-R	E3-230-R
Basic model	Autospeed	✓	✓	✓
	Adjustable splitting stroke	✓	✓	✓
	One-handed operation	✓	✓	✓
	2-way slotted blade	✓	✓	✓
	Transparent protective hood	✓	✓	✓
	Solid rubber wheels	✓	✓	✓
Technical data	Splitting force max. t	8	6	5
	Minimum log diameter (cm)	8	8	8
	Log diameter max. cm	30	30	30
	Log length min. cm	10	10	10
	Log length max. cm	55	55	55
	Cylinder stroke max. mm	540	540	540
	Weight kg	180	165.5	170
	Supply stage 1 (drive 1) cm/s	8	6	5
	Supply stage 2 (drive 1) cm/s	22	12	10
	Return (Drive 1) cm/s	13	13	11
	Power specification electric motor S6 kW	5.5	3	3
	Average power consumption kWh*	2.0 – 3.0	1.5 – 2.5	1.0 – 2.0
	Motor protection switch	✓	✓	✓
	Phase inverter	✓	✓	✗
	Mains power requirements	3x 400 V, 50 Hz, CEE 16 A	3x 400 V, 50 Hz, CEE 16 A	1x 230 V, 50 Hz, CEE 7/3 16 A
	Hydraulic oil tank capacity l	7.5	7.5	7.5
	Length transport / working position mm	1900 / 1900	1780 / 1900	1780 / 1900
	Width transport / working position mm	880 / 880	715 / 880	715 / 880
	Height transport / working position mm	1430 / 1430	1210 / 1430	1210 / 1430
Transport	Transport aid	○	○	○
	Three-point linkage Cat. I + II	✗	✗	✗
Special equipment	Large wood tray	○	○	○
Splitting blade	2-way slotted blade	✓	✓	✓
	4-way turning cross	○	○	○
Accessory equipment	Electric drive hour meter	○	○	✗
	Additional shelf	○	○	○

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.

Basic model Oscar ▶ Autospeed

The powerful, comfortable Oscar horizontal log splitter, with up to 8 t of splitting force, a compact design and safe one-handed operation. Model in accordance with standard EN 609-1

Article no.	Type	Name	Drive	Supply stage 1 cm / s	Supply stage 2 cm / s	Return Cm/s	Splitting force t	Weight ~ kg
M6860NR	E5.5-400-R Turbo	Oscar, E5.5-R Turbo, horizontal log splitter for short timber with 8 t splitting force, driven by a 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, motor protection switch with phase inverter, Autospeed, one-handed operation and adjustable splitting stroke, max. log length 55 cm, polycarbonate cover, 2-way slotted blade, wood tray and manual trolleys with solid rubber wheels (diameter 300 mm)		8	22	13	8	180
M6790NR	E3-400-R	Oscar, E3-R, horizontal log splitter for short timber with 6 t splitting force, driven by a 3 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, motor protection switch with phase inverter, Autospeed, one-handed operation and adjustable splitting stroke, max. log length 55 cm, polycarbonate cover, 2-way slotted blade, wood tray and manual trolley with solid rubber wheels (diameter 300 mm)		6	12	13	6	166
M6791NR	E3-230-R	Oscar, E3-R, horizontal log splitter for short timber with a splitting force of 5, tonnes, driven by a 3 kW electric motor, S6, 1 x 230, V, 50 Hz, CEE 7/3 16 A, direct start with motor protection, Autospeed, one-handed operation and adjustable splitting stroke, max. log length 55 cm, polycarbonate cover, 2-way slotted blade, wood tray and manual trolley with solid rubber wheels (diameter 300 mm)		5	10	11	5	170

That's a point in Oscar's favour!

To avoid having to constantly align the wood by hand, the splitting trough is innovatively designed to perform automatic centring of the trunk as it is fed into the machine. They work much more efficiently, as fewer interventions are required in the work process. The flattened, trough-shaped design in the operating area reduces the height at which you have to place items – saving you time and effort.

WELL-DESIGNED SLATTED TROUGH DESIGN



INNOVATIVE PRESSURE PIECE

The special design of the pressure piece minimises any slipping or shifting of the material being split.



SAFETY SHUT-OFF DAMPER

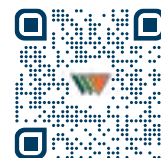


For increased safety: If a piece of wood gets behind the pressure piece, the safety shut-off flap stops the pressure piece from moving in.

COMPACT WHEN STORED, BUT A POWERHOUSE AT WORK



Not much storage space? Our Oscar folds down compactly for space-saving storage and transport, without the need for tools. The wooden storage table folds away.



in action!

Special equipment Oscar

Only possible with original equipment, incl. installation.

Article no.	Name	Type E5.5-400-R Turbo	Type E3-400-R	Type E3-230-R	Weight ~ kg
L (S01427)	Surcharge for the 'Large' wood tray on the operator's side, dimensions max. 630 x 565 mm, including additional shelf F0004685 (dimensions max.: 380 x 220 mm). This is used for practical storage of wood before and after the splitting process and replaces the standard wood support.	O	O	O	19

O optional X not available ✓ standard equipment

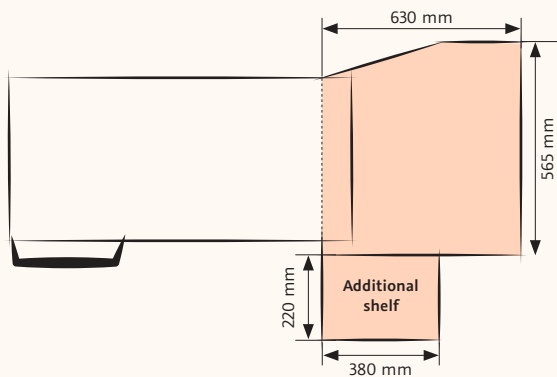


Oscar wooden shelving at a glance

The choice is yours: If you'd like more space, opt for the special equipment 'large' wood tray. This replaces the wood tray included in the basic model.

'LARGE' WOOD TRAY, INCLUDING ADDITIONAL SHELF

Item No. L

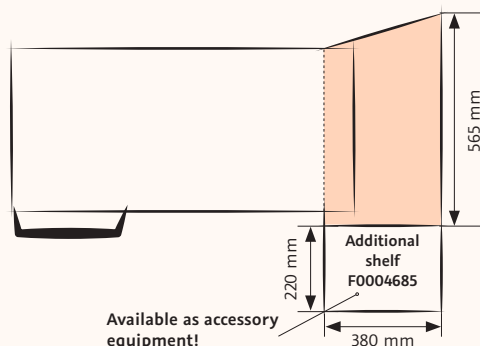


You can never have enough space! An even larger storage area for handling, storing and splitting logs.

2-in-1: The 'Large' wood tray already includes the additional shelf, which is otherwise available as an optional extra.

STANDARD

WOOD TRAY



A practical table at an ergonomic working height for efficient billet handling.

Reversible Split Cross Oscar

For more power and comfort during producing firewood.

Article no.	Name	Splitting blade	Type E5.5-400-R Turbo	Type E3-400-R	Type E3-230-R	Weight ~ kg	
F0004709	4-way turning cross, can be fitted in 2 positions; log diameters that can be split centrally using this splitting cross: 20 and 25 cm; for firewood grades D15 – D20. It is possible to produce finer-quality firewood by splitting the logs further.					4	

○ optional ✕ not available ✓ standard equipment

An overview of Oscar slitting blade variants

The right knife for the desired log quality.

STANDARD

2-WAY SLOTTED BLADE



2-way
ø 8–30 cm
Firewood quality
D10 – >D20



4-WAY TURNING CROSS



4-way
ø 20 cm
Firewood quality
D15



Turning the splitting wedge:
Can be fitted in two positions



4-way
ø 25 cm
Firewood quality
D20



With the reversible split cross, you'll finish work earlier: The wood can be split into 4 logs in a single work step. The reversible cross-slot can be fitted in two different positions tool-free, to accommodate different diameters.



SPALTMESSE CAR PARK

When the reversible split cross is not in application, it can be stored in the bracket supplied.

Accessory equipment Oscar

For more power and comfort during producing firewood.

Article no.	Name	Type E5.5-400-R Turbo	Type E3-400-R	Type E3-230-R	Weight ~ kg	
F0004686	Transport aid with large solid rubber wheels (diameter 250 mm) to enable the machine to be manoeuvred easily and conveniently by hand on a surface fixed.	○	○	○	9	
F0004685	Additional shelf (380 x 220 mm) on the operator's side, for convenient storage of wood before and after the splitting process.	○	○	○	5	
F0002179	Hour meter with analogue display, suitable for machines with an electric motor drive of 400 V.	○	○	×	1	

○ optional × not available ✓ standard equipment

TRANSPORT AID

Off to the scene: The optional transport aid makes it even easier and less tiring to move the machine by hand on a paved surface.

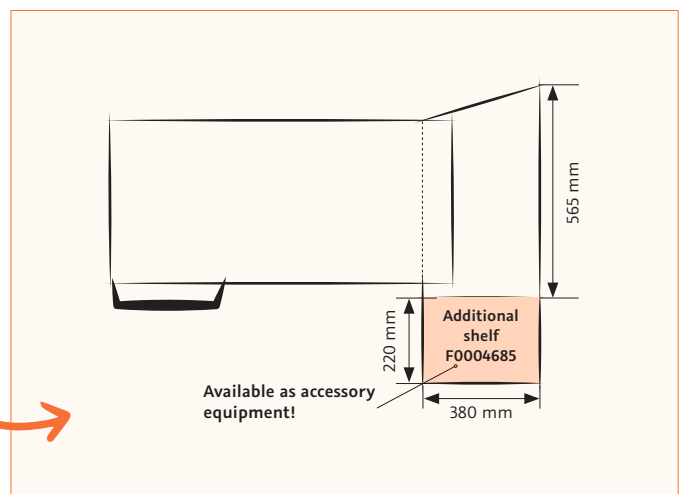


ADDITIONAL SHELF

Your Billy for your Oscar:
The extra storage space in the operating area provides additional A place to store the wood conveniently before and after the splitting process. It can be folded away to save space during transport.

HOURLY METER

Would you like to rent out your machine or keep an eye on the operating time? A suitable operating hours counter is available for each drive variant, allowing you to read off the exact machine running time.



Polly

The log splitter with safety one-handed operation

Polly really stands out for its ease of use:

The splitting process is triggered by a one-handed control, and thanks to the transparent polycarbonate casing, you are shielded from the danger zone – yet you can still see everything at a glance.

In short: Working with this powerhouse is a breeze, and the operator feels completely safe.

And Polly puts a (wooden) disc on top, because thanks to the lifting mechanism, you can keep a cool head whilst chopping firewood!

This handy extra lifts the trunks off the ground and into the splitting chute – making splitting even easier on your back and less tiring!

This is Polly – a favourite around the house and garden!

Polly



in action!



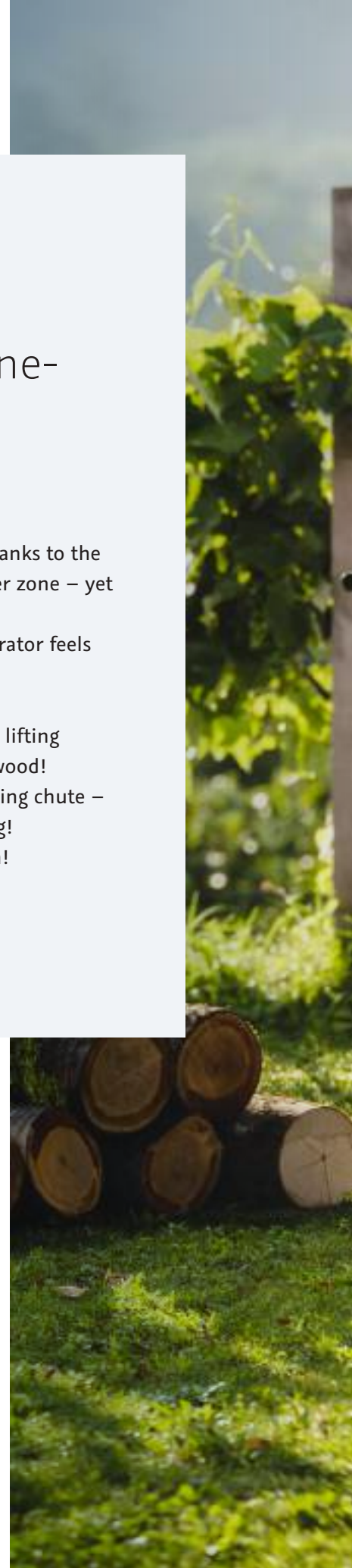
SPLITTER
lying



TRUNK Ø
max. 40 cm



PRODUCES
Short timber



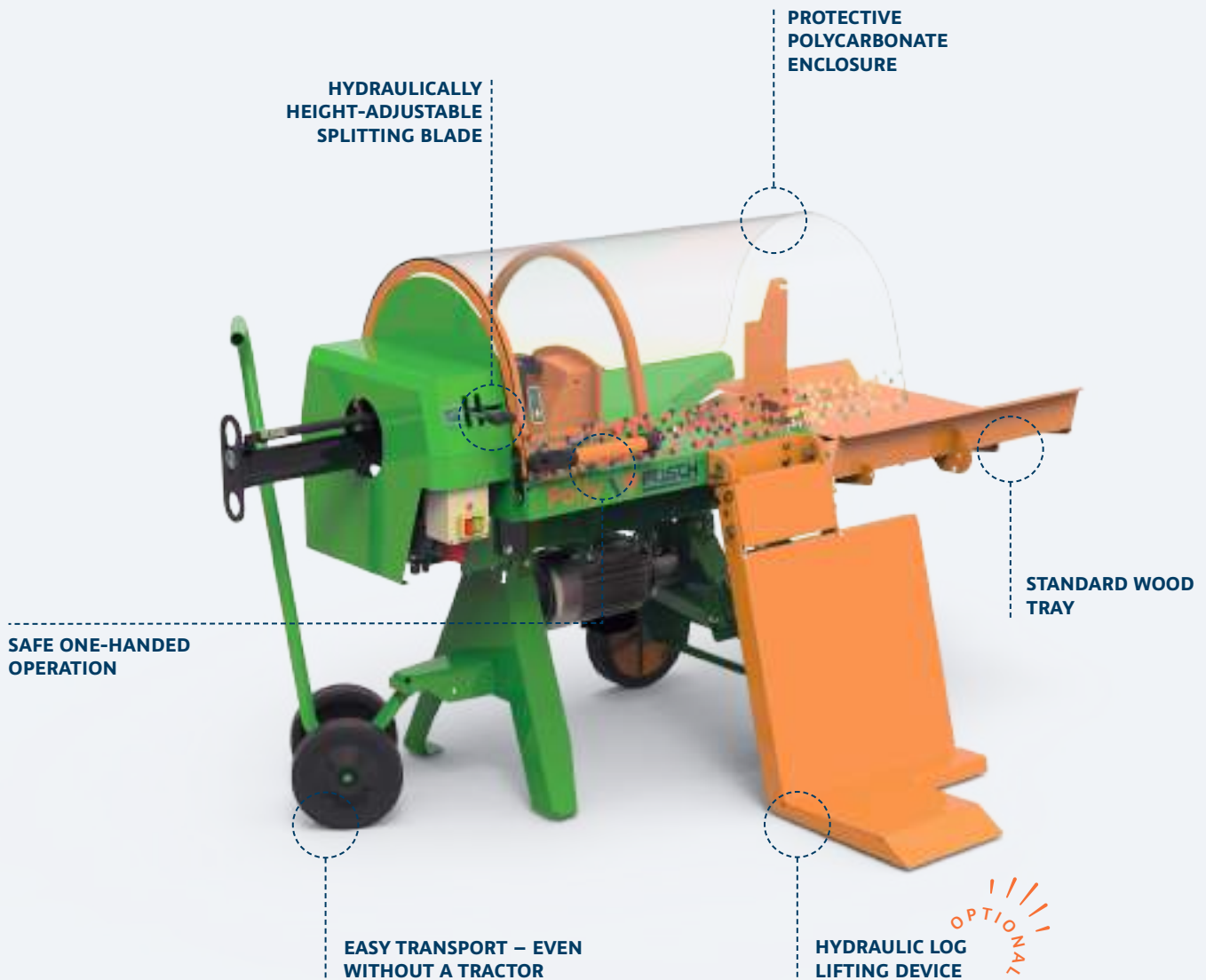


Polly

▶ Autospeed

Here you see the following configuration example:

Item no: M2350NRHL ▶ Polly, E5.5-R-400, driven by a 5.5 kW electric motor
 ▶ Hydraulic log lifting device, including 'Large' wood tray (**optional**)



TRUNK Ø
max. 40 cm



LOG LENGTH
max. 55 cm



SPLITTING FORCE
max. 8 t



SUPPLY/RETURN
19 | 14, , cm/s



PROCESSING VOLUME
more than 20 cubic
metres / year



WEIGHT
at least 286 kg

Highlights



PROTECTIVE POLYCARBONATE ENCLOSURE

Maximum operational safety thanks to a covered and clearly visible splitting area. Innovative, unique and protects what we hold dear: You and everyone involved in the work process. During the splitting process, the cover remains closed, thereby shielding the danger zone. Thanks to the transparent polycarbonate cover, you always have a clear view of the splitting area. It is impact-resistant and opens automatically as soon as the adjustable rip fence is released.



SAFE ONE-HANDED OPERATION

Close the protective hood & start the splitting process: the splitting process is only activated after the protective hood has been closed by pressing the adjustable rip fence at operating height – this can be done with just one hand. This allows you to work comfortably and with safety at an ergonomic height using just one hand. The splitting process can only be started by actuating the adjustable rip fence.



STANDARD WOOD TRAY

Logs lying on the ground often have to be laboriously picked up. Thanks to our standard wood tray, the logs remain at a convenient height after the splitting process – ideal for putting them away straight away or splitting them again if necessary. A pull-out drawer can be placed under the wood tray to make it easier to remove items. The table can also be folded up for space-saving storage and transport of Polly. Discover all the wood trays for Polly on page 39.



EASY TRANSPORT – EVEN WITHOUT A TUGBOAT

Off to the scene: Thanks to its large solid rubber wheels (300 mm in diameter) and the standard transport aid, the machine can be moved by hand comfortably and effortlessly on paved surfaces.



HYDRAULIC HEIGHT-ADJUSTABLE SPLITTING BLADE

To ensure the log is always split down the middle and to achieve optimum wood quality, the splitting blade can be conveniently adjusted hydraulically for height. This means it can be flexible in its adjustment to suit different log diameters.

OPTIONAL

HYDRAULIC LOG LIFTING DEVICE

Effortless feeding of the machine and even more storage space (available as an optional feature). See page 38 for more information!



► Autospeed

On page 280, you can find out all about the benefits of the Autospeed function!

Polly

FROM THE FIELD

Sebastian Kaus' enthusiasm for his Polly is infectious, as his best friend and best man has now also bought himself a Polly with a stem lifter. It's a shame they live so far apart – we would have loved to see a photo of the Polly duo!

And then Polly came along – and work is actually really fun! Since 2021, I have performed 46 m of splitting on hardwood – mainly beech and ash – and I'm still impressed by the machine's performance and quality! Another factor that influenced my decision to buy was product safety: When working with machines that generate such high forces, I want to be as well protected as possible – safety is my top priority.

Finally, I would like to mention just how much POSCH's customer focus has impressed me: A minor detail regarding the bonnet latch, which I had noted as an area for improvement, has already been amended as part of the product update. I feel that I'm taken seriously and really valued at POSCH!

SEBASTIAN KAUS, AN ENTHUSIASTIC POLLY APPLICATION USER



FROM THEORY TO PRACTICE

It all began years ago with the previous models, the RuckZuck and the SplitMaster 9.

Due to a change in the relevant standard, production of these models was discontinued in 2017, as the law required the splitting area to be better protected. And then Polly turned up!

It was important to us that the splitting process should still be practical. With the compact, manoeuvrable Polly, you can effortlessly start the splitting process with just one hand. Thanks to the polycarbonate cover, the hazardous area is shielded and access is prevented.

Nice to know!
The name 'Polly' is derived from the polycarbonate cover.

Polly Overview

Drive	Drive 1	Electric motor	Tractor PTO shaft	Hybrid drive: Tractor PTO shaft	Petrol engine
	Drive 2	-	-	Electric motor	-
	Type	E5.5-R-400	PZG-R	PZG-E5.5-R-400	B10.4-R
Basic model	Autospeed	✓	✓	✓	✓
	Adjustable splitting stroke	✓	✓	✓	✓
	One-handed operation	✓	✓	✓	✓
	Combined 2-way and 4-way splitting blade	✓	✓	✓	✓
	Transparent protective hood	✓	✓	✓	✓
	Solid rubber wheels	✓	✓	✓	✓
	Transport aid	✓	✓	✓	✓
Technical data	Splitting force max. t	8	8	8	8
	Minimum log diameter (cm)	8	8	8	8
	Log diameter max. cm	40	40	40	40
	Log length min. cm	10	10	10	10
	Log length max. cm	55	55	55	55
	Cylinder stroke max. mm	540	540	540	540
	Weight kg	286	296	335	308
	Preliminary feed, stage 1, drive 1 cm/s	7	8	8	8
	Feed, stage 2, drive 1 cm/s	17	19	19	18
	Return drive 1 cm/s	12	14	14	13
	Supply stage 1 Drive 2 cm/s	-	-	7	-
	Supply stage 2 Drive 2 cm/s	-	-	17	-
	Return drive 2 cm/s	-	-	12	-
	Power specification electric motor S6 kW	5.5	-	5.5	-
	Average power consumption (kWh)*	2.0 – 3.0	-	2.0 – 3.0	-
	Motor protection switch	✓	-	✓	-
	Phase inverter	✓	-	✓	-
	Rotation field detection	✓	-	✓	-
	Mains power requirements	3x 400 V, 50 Hz, CEE 16 A	-	3x 400 V, 50 Hz, CEE 16 A	-
	Power requirement PTO kW	-	7	7	-
	PTO speed (rpm)	-	430	430	-
	Joint shaft required	-	yes	yes	-
	Power specification combustion engine	-	-	-	9.7 kW / 13 HP
	Fuel consumption l/h	-	-	-	2.0 – 2.5
	Fuel tank capacity in litres	-	-	-	8.5
	Hydraulic oil tank capacity l	15	15	15	15
	Length transport / working position mm	1760 / 1760	1760 / 1940	1760 / 1940	1760 / 1950
	Width transport / working position mm	920 / 910	1170 / 1340	1170 / 1340	920 / 920
	Height transport / working position mm	1270 / 1300	1280 / 1270	1280 / 1270	1280 / 1300
Transport	Pneumatic tyres	○	○	○	○
	Three-point linkage Cat. I + II	○	✓	✓	✗
Special equipment	Hydraulic log lifting device, including wood tray	○	○	○	○
	Large wood tray	○	○	○	○
	Three-point linkage Cat. I + II	○	✓	✓	✗
Chassis	Tractor chassis	○	○	○	○
	Road chassis	○	○	○	○
Splitting blade	2-way slotted blade	○	○	○	○
	Combined 2-way and 3-way slotted blade	○	○	○	○
	Combined 2-way and 4-way splitting blade	✓	✓	✓	✓
	Combined 2-way and 6-way splitting blade	○	○	○	○
Accessory equipment	Hour meter	○	○	○	○
	Additional shelf	○	○	○	○
	Drive shaft	✗	○	○	✗

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.

Basic model Polly ► Autospeed

The powerful, comfortable Polly horizontal log splitter, with 8 t of splitting force, a compact design and safety features for one-handed operation. Model in accordance with standard EN 609-1

Article no.	Type	Name	Drive	Supply stage 1 cm / s	Supply stage 2 cm / s	Return Cm/s	Splitting power t	Weight ~ kg
M2350NR	E5.5-R-400	Polly, E5.5-R-400, horizontal log splitter for short timber with 8 t splitting force, driven by a 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, motor protection switch with phase inverter and rotation field detection, Autospeed, one-handed operation and adjustable splitting stroke, max. log length 55 cm, polycarbonate cover, wood tray, combined 2-way and 4-way splitting blade, hydraulic splitting blade height adjustment, solid rubber wheels (diameter 300 mm) and transport aid		7	17	12	8	286
M2352NR	PZG-R	Polly, PZG-R, horizontal log splitter for short timber with 8, t splitting force, driven by tractor PTO shaft, required PTO speed 430 rpm, power requirement 7 kW, Autospeed, one-handed operation and adjustable splitting stroke, max. log length 55 cm, polycarbonate cover, wood tray, combined 2-way and 4-way slotted blade, hydraulic splitting blade height adjustment, solid rubber wheels (diameter 300 mm), transport aid and three-point linkage, Cat. I + II, drive shaft required		8	19	14	8	296
M2354NR	PZG-E5.5-R-400	Polly, PZG-E5.5-R-400, horizontal log splitter for short timber with 8 t splitting force, driven by tractor PTO shaft, required PTO speed 430 rpm, power requirement 7 kW, and driven by a 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, motor protection switch with phase inverter and rotation field detection, Autospeed, one-handed operation and adjustable splitting stroke, max. log length 55 cm, polycarbonate cover, wood tray, combined 2-way and 4-way slotted blade, hydraulic splitting blade height adjustment, solid rubber wheels (diameter 300 mm), transport aid and three-point linkage, Cat. I + II, joint shaft required		8	19	14	8	335
				7	17	12		
M2356NR	B10.4-R	Polly, B10.4-R, horizontal log splitter for short timber with 8 t splitting force, driven by a 10.4 kW petrol engine, recoil starter, Autospeed, one-handed operation and adjustable splitting stroke, max. log length 55 cm, polycarbonate cover, wood tray, combined 2-way and 4-way splitting blade, hydraulic splitting blade height adjustment, solid rubber wheels (diameter 300 mm) and transport aid		8	18	13	8	308



ELECTRIC DRIVE

Efficient, quiet and environmentally friendly:
The electric motor: a cost-effective solution!



TRACTOR DRIVE WITH A PTO SHAFT

Do you also work outside your home and garden? This means you can choose your place of work flexibly.



COMBINED DRIVE

Maximum flexibility and efficiency: The hybrid drive combines the advantages of a tractor PTO shaft and an electric motor!



PETROL ENGINE

Independent of electricity and tugs.

That's a point in Polly's favour!

To avoid having to constantly align the wood by hand, the splitting trough is innovatively designed to perform automatic centring of the trunk as it is fed into the machine. They work much more efficiently, as fewer interventions are required in this work process. The flattened, trough-shaped design in the operating area reduces the height at which you have to place items – saving you time and effort.

WELL-THOUGHT-OUT SPLIT TROUGH SHAPE



SAFETY SHUT-OFF DAMPER

For increased safety: If a piece of wood gets behind the pressure piece, the safety shut-off flap stops the pressure piece from moving in.



INNOVATIVE PRESSURE PIECE

The special design of the pressure piece minimises any slipping or shifting of the material being split.



COMPACT WHEN STORED AND GREAT AT WORK

Not much storage space? Our Polly folds up compactly for space-saving storage and transport, without the need for tools. Both the timber storage table and the lifting mechanism can be folded away.



SIMPLE AND TOOL-FREE SPLIT-STROKE ADJUSTMENT

Unnecessary empty runs when splitting short timber cost time! Work more efficiently by simply adjusting the splitting stroke to the desired log length at a comfortable operating height – without any tools and in a single easy step.

polly



in action!

Special equipment Polly



Only possible with original equipment, incl. installation.

Article no.	Name	Type E5.5-R-400	Type PZG-R	Type PZG- E5.5-R-400	Type B10.4-R	Weight ~ kg	
HL (SO1445)	Surcharge for the hydraulic log lifting device, including 'Large' wood tray, dimensions max. 865 x 765 mm; cannot be combined with item no. SBL (SO1309).	○ not in conjunction with SBL	○ not in conjunction with SBL	○ not in conjunction with SBL	○ not in conjunction with SBL	29	
L (SO1307)	Surcharge for the large wood tray on the operator's side, dimensions max. 865 x 765 mm, including additional shelf F0004611 (dimensions max. 505 x 350 mm). This is used for practical storage of wood before and after the splitting process and replaces the standard wood support.	○	○	○	○	18	
D (SO1306)	Surcharge for three-point linkage Cat. I + II for machines with electric motor drive for easier transport with the tractor at right angles to the splitting direction. The three-point linkage Cat. I + II is fitted as standard on machines that are driven by a tractor PTO shaft and in the combined version.	○	✓	✓	✗	24	
LB (SO1493)	Surcharge for pneumatic tyres on the machine and the transport aid, to make it easier to manoeuvre the machine on unpaved ground. This special equipment replaces the standard solid rubber wheels.	○	○	○	○	15	

○ optional ✗ not available ✓ standard equipment

HYDRAULIC LOG LIFTING DEVICE

Instead of laboriously lifting the trunk by hand, the hydraulic lifting device takes the strain off your back. This option lifts the trunk into the splitting area for you and provides additional storage space during the splitting process. It can be easily folded up for storage and transport.

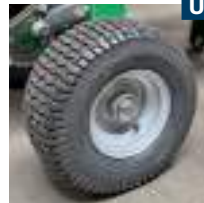


TRANSPORT ON THE TRACTOR

Do you also work outside the home and on the farm? Thanks to the Category I and II three-point linkage, Polly can be easily transported on the tractor. Standard on tractor-driven models with a PTO shaft; available as an optional accessory on electric-powered machines.



USEFUL PNEUMATIC TYRES



Thanks to the pneumatic tyres, transport over unpaved surfaces is also possible. You'll need less effort and reach your destination more easily and fast!



"LARGE" WOOD STORAGE TABLE

You can never have enough space! An even larger storage area for handling, storing and splitting logs. 2-in-1: The "Large" wood tray already includes the additional shelf, which is otherwise available as an optional extra.

An overview of
wooden shelving
units



Chassis Polly

Mobile use, even away from home and the farm.



Only possible with original equipment, incl. installation.

Article no.	Name	Type E5.5- R-400	Type PZG-R	Type PZG- E5.5-R-400	Type B10.4-R	Weight ~ kg
T (SO1308)	Surcharge for the pneumatic-tyred tractor chassis with ball coupling (without lighting) for transporting the machine lengthways relative to the splitting direction using a towing vehicle. For use on private property only. Transport arrangements and driving speeds on public roads must be checked on a country-by-country basis. The standard manual trolley and three-point seatbelt are omitted.	○	○	○	○	25
SBL (SO1309)	Surcharge for the pneumatic tyres on the road chassis (80 km/h) with parking brake, lighting system, ball coupling for a max. support load of 75 kg, max. permissible total weight 600 kg, for the transport of the Machine positioned lengthways to the direction of the split in a car, including typing documents. The standard manual trolley and three-point seatbelt are omitted.	○ not in conjunction with HL	○ not in conjunction with HL	○ not in conjunction with HL	○ not in conjunction with HL	105
YDE142	Individual operating licence, Model classification: Austria / Germany HydroCombi, SplitMaster, Polly	○ only at SBL	○ only at SBL	○ only at SBL	○ only at SBL	1

○ optional ✕ not available ✓ standard equipment



TRACTOR CHASSIS

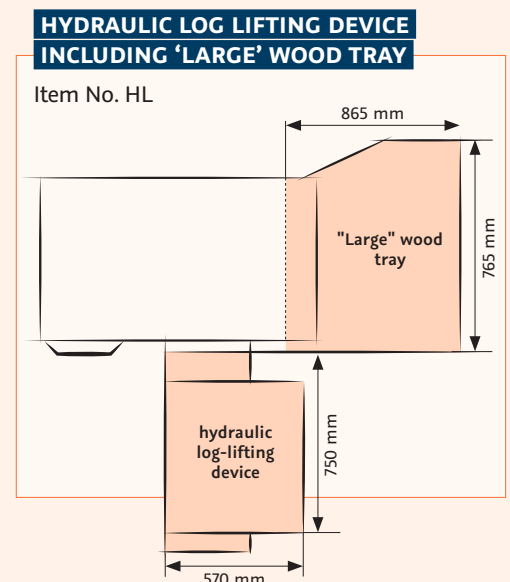
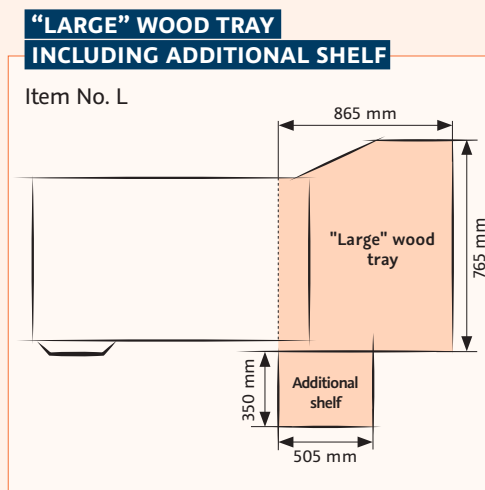
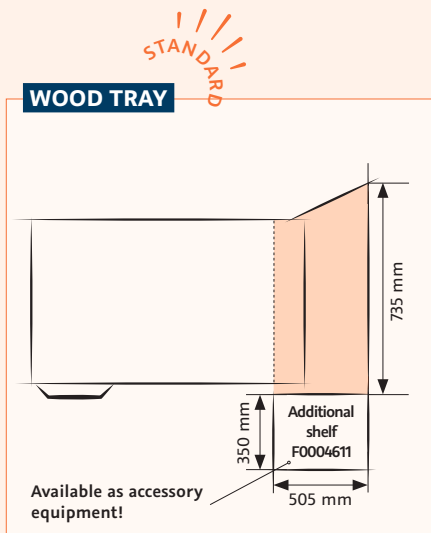
To extend her operating range, Polly can be equipped with a tractor chassis and ball-head coupling on request, enabling her to be transported by any vehicle equipped with a ball-head coupling. For use on private property only. Transport arrangements and driving speeds on public roads must be checked on a country-by-country basis.



ROAD CHASSIS (80 KM/H)

To extend its operating range, Polly can be transported fast and easily by car over longer distances using a road chassis. A prerequisite for this is the model classification of the machine in order to obtain an individual type-approval certificate (AT) or an individual operating licence (DE).

Polly wooden storage surfaces at a glance



Splitting blade Polly

A combined 2-way and 4-way splitting blade is included as standard on every machine type. For every additional splitting blade ordered at , a separate mounting bracket is supplied so that you can fit it to your machine. All splitting blades are fitted with a recess to allow them to be lifted effortlessly using lifting tools.

Article no.	Name	Split- ting knife	Type E5.5-R-400	Type PZG-R	Type PZG- E5.5-R-400	Type B10.4-R	Weight ~ kg
F0001812	2-way slotted blade; log diameter that can be split down the middle with this blade: 2-way slotted: 8–40 cm, for firewood grades D10 – >D30. It is possible to produce finer-quality firewood by splitting the logs further.		○	○	○	○	10
F0001660	Combined 2-way and 3-way slotted blade; log diameter that can be split down the centre using this knife: 2-way: 8–20 cm, for firewood grades D10 – D20, 3-way: 10–40 cm, for firewood grades D10 – >D30. It is possible to produce finer-quality firewood by splitting the logs further.		○	○	○	○	10
F0002663	Combined 2-way slotted blade & 4-way splitting blade; log diameter that can be split down the centre with this blade: 2-way: 8–30 cm, for firewood grades D10–D30, 4-way: 8–30 cm, for firewood grades D10–D25. Included as standard in the basic model. It is possible to produce finer-quality firewood by splitting the logs further.		✓	✓	✓	✓	14
F0001661	Combined 2-way slotted blade & 6-way splitting blade; log diameter that can be split down the centre using this blade: 2-way: 8–15 cm, for firewood grades D10–D15, 6-way: 10–35 cm, for firewood grades D5–D20. It is possible to produce finer-quality firewood by splitting the logs further.		○	○	○	○	17

○ optional ✕ not available ✓ standard equipment

An overview of Polly slitting blade variants

The right knife for the desired log quality.

STANDARD

2-WAY AND 4-WAY SLOTTED BLADE



2-way
ø 8–30 cm
Firewood quality
D10 – D30

Hydraulic height-adjustable splitting blade:
A 2-way slotted blade becomes a 4-way
splitting blade



4-way
ø 8 – 30 cm
Firewood quality
D10 – >D25

2-WAY SLOTTED BLADE



2-way
ø 8–20 cm
Firewood quality
D10 – D20

Hydraulic height-adjustable splitting blade:
A 2-way slotted blade becomes a 3-way
splitting blade



3-way
ø 10–40 cm
Firewood quality
D10 – >D30

2-WAY SLOTTED BLADE



2-way
ø 8–40 cm
Firewood quality
D10 – >D30

Hydraulically height-adjustable splitting blade



SPALTMESSER CAR PARK

There is a separate parking space
for each additional splitting blade
on the machine.

2-WAY AND 6-WAY SPLITTING BLADE

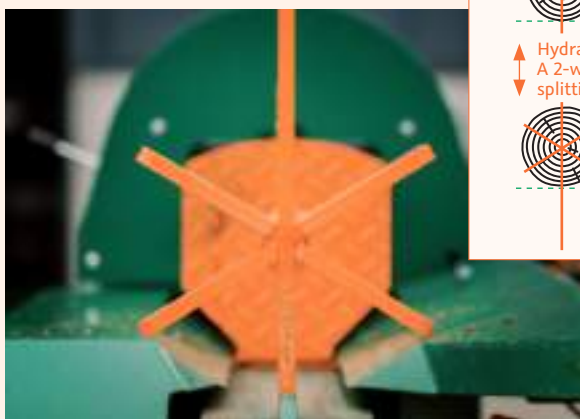


2-way
ø 8–15 cm
Firewood quality
D10 – D15

Hydraulic height-adjustable splitting blade:
A 2-way slotted blade becomes a 6-way
splitting blade



6-way
ø 10–35 cm
Firewood quality
D5 – >D20



Accessory equipment Polly

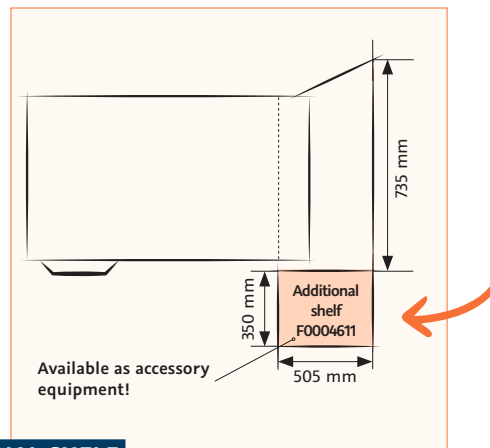
More power and user-friendliness for woodwork

Article no.	Name	Type E5.5-R-400	Type PZG-R	Type PZG- E5.5R-400	Type B10.4-R	Weight ~ kg	
F0003307	Hour meter with analogue display, suitable for machines with an electric motor drive of 400 V	○	×	○	×	1	
F0001806	Operating hours counter with digital display of hours and PTO shaft speed, suitable for machines with tractor PTO shaft drive	×	○	○	×	1	
F0001482	Operating hours counter with digital display, suitable for machines with petrol engine drive	×	×	×	○	1	
F0004611	Additional shelf on the operator's side, for convenient storage of wood before and after the splitting process. Dimensions max.: 505 x 350 mm	○ = included in the 'wood tray L'	○ = included in the 'wood tray L'	○ = included in the 'wood tray L'	○ = included in the 'wood tray L'	10	
Z2000635	Walterscheid W-Line universal joint shaft	×	○	○	×	8	

○ optional × not available ✓ standard equipment

HOURLY METER

Would you like to hire out your machine, or do you want to keep track of how long it is in use? A suitable hour meter is available for every drive option to enable precise monitoring of the machine's operating time.



ADDITIONAL SHELF

Yours, Billy, for your Polly:

The extra storage space in the operating area provides additional room for conveniently storing the wood before and after the splitting process. It can be folded away to save space during transport.

HydroCombi

A full-length log splitter is a success story

A classic that never gets old:

The beginnings date back to the 1980s, when the first hydraulic metre-long timber splitters came onto the market - a minor revolution at the time. Even today, the HydroCombi makes working with firewood considerably easier. There are now 283 possible combinations to choose from – ranging from 13 to 26 tonnes of splitting force, from petrol to hybrid powertrains, and featuring many extras such as a winch. And best of all, You can rely on the HydroCombi – for decades to come: Even today, the very first POSCH log splitters from the 1980s and 1990s are still in use!

You can never have enough of some greens:

More than 80,000 models sold speak for themselves! The metre-long timber splitter is not only extremely popular, but also a pioneer in terms of safety - thanks to the two-hand control and the newly revised Fixomatic system, which holds and splits both logs and billets safely and efficiently.

HydroCombi



in action!



SPLITTER
standing



TRUNK Ø
max. 65 cm



PRODUCES
Metre-long timber



HydroCombi

▶ Autospeed

Here you see the following configuration example:

Item no: M2140PR

HydroCombi 26, PZG-R

Item no: F0003870

"750" winch (FH) Retrofit kit, radio and manually operated **(optional)**

OPTIONAL

POWERFUL PULLING FORCES
THANKS TO THE WINCH

AUTOSPEED

New

FIXOMATIC 2.0

BACK-FRIENDLY AND SAFE LIFTING
OF THE LOG WITH THE LOG LIFTING
DEVICE!

New

WORK SMARTER, NOT HARD-
ER: DAMPED SAFETY GUARD
WITH IMPACT PROTECTION!

New

FLOOR GRATE WITH
FUNCTIONAL DESIGN



TRUNK Ø
max. 65 cm



LOG LENGTH
max. 110 cm



SPLITTING FORCE
max. 26 t



SUPPLY/RETURN
23 | 42 cm/s



PROCESSING VOLUME
more than 20 cubic
metres / year



WEIGHT
min. 383 kg

Highlights



New

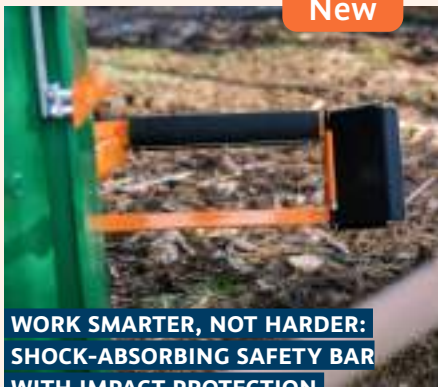
FIXOMATIC 2.0

The two-part splitting blade (Fixomatic system) securely holds the wood in place for the splitting process – without the need for any fiddly holding. The lower wedge also fixes thin or angled wood without any problems, and the wedge is conveniently released at operating height. Incorporated, patented grooves on this part of the wedge make it easier to split fibrous or soft wood, prevent slipping and interlock. In addition, the tried-and-tested wood holding tip on the wedge guide ensures an even better grip. As soon as the splitting process is triggered, the upper wedge moves towards the fixed wedge holder and pushes the splitting wedge through the wood. Grooves in the upper part of the wedge guarantee precise guidance during the splitting process and thus increase the operator's safety.



**BACK-FRIENDLY AND
SAFE INSTALLATION
OF THE TRIBE WITH THE
LOG LIFTING DEVICE**

The HydroCombi brings heavy logs into the right position almost by itself. The standard mechanical log-lifting device straightens the logs comfortably and gently. The wood flap attached to it prevents the log from slipping or falling over during lifting. To make it easier to roll the log onto the log lifting device, it can be folded away in a single movement. The cushioned catching surface acts as a non-slip pad and impact protection, absorbs the energy of the split wood and minimises bounce-back. This keeps the logs in position for further processing and prevents them from falling towards the operator. Optional winches make your work even easier.

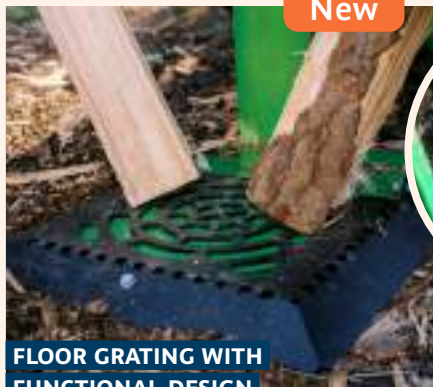


New

**WORK SMARTER, NOT HARDER:
SHOCK-ABSORBING SAFETY BAR
WITH IMPACT PROTECTION**

The new safety guard prevents the split wood from falling over and also serves as a practical intermediate storage space. Thanks to innovative technology, bent and damaged protective bars are a thing of the past.

Under heavy loads, the new safety bar swings downwards and backwards, providing additional energy-absorbing impact protection that minimises the rebound of the logs. A practical sapper holder is also integrated. If the winch is retrofitted, the safety guard can be easily folded down. This increases the working area for operating the winch.



New

**FLOOR GRATING WITH
FUNCTIONAL DESIGN**

In combination with the Fixomatic System 2.0, the special, further developed shape of the floor grid provides an optimum base and secure hold for your log. It ensures greater stability and, consequently, greater safety and comfort when loading or splitting wood.

The floor grating can be folded up for easy cleaning; all you need to do is loosen a single screw.



OPTIONAL



**POWERFUL FORCES OF ATTRACTION
THANKS TO THE WINCH**

Effortlessly moves even the largest trunks into the splitting position without any physical exertion on your part.

See page 55 for more information!

▶ Autospeed

On page 280, you can find out all about the benefits of the Auto-speed function!

HydroCombi

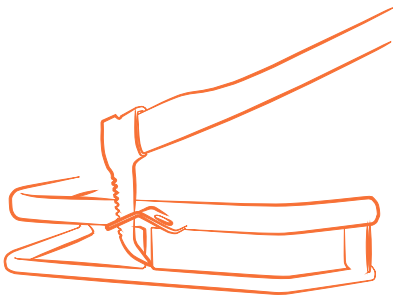
FROM THEORY TO PRACTICE

Time and again, we receive photos from customers who have come up with clever solutions for their devices. We will take these on board as suggestions for improvement and, if they are assessed positively, we will incorporate them into our products. So the new model is now here too, packed with great features!

The Fixomatic wedge in its new, functional design provides more grip before the splitting process, the split logs land quietly on the damped side arms and the non-slip floor grid is now included.

Nice to know!

An HydroCombi consists of around 260 individual parts – from screws and the motor right through to the grey cast iron pump.



FROM THE FIELD

The Fixomatic system

After a HydroCombi had been used jointly with, or by, a hunting association for over 20 years, Franz Jeserer bought his own model from BayWa in 2017. As splitting takes place at various locations, the PTO drive was the first choice.



We wouldn't want to be without the Fixomatic system now! It allows us to fix the wood to be split well and improve the timing and splitting quality. Working with wood and in the forest isn't an easy task, but we enjoy doing it, and with the right tools, it's even more fun!



FRANZ JESERER

That's a point in favour of the HydroCombi!

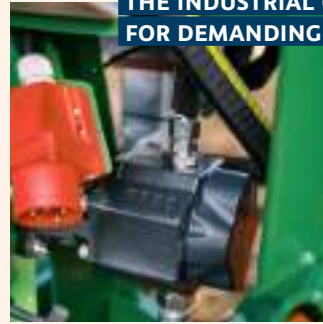
WITH THE STROKE LIMITER YOU CAN SPLIT FASTER!

Avoid unnecessary empty runs when splitting and save time! Thanks to the stroke limiter, the return path is reduced to the required log height, so that the HydroCombi is ready for use more quickly. Optimise your work efficiency by simply adjusting the splitting stroke to the desired log length at a comfortable operating height: Loosen the locking screw and adjust the stroke using the markings on the stop bar.



EFFICIENT, QUIET AND DURABLE: THE INDUSTRIAL GREY CAST IRON PUMP FOR DEMANDING APPLICATIONS

The smooth-running industrial grey cast iron pump ensures reliable and efficient performance. It minimises vibrations and noise, making it particularly pleasant to use and ensuring a long service life. Ideal for long-term use.



INNOVATIVE RIVING WEDGE

The splitting wedge, which slopes forwards as standard, prevents the split material from being pushed towards the operator and at the same time reduces the force required for splitting. The riving wedge consists of two parts: To prevent the wood from falling towards the operator during the splitting process, rollers with grooves are incorporated in the upper splitting wedge and grooves are integrated in the lower part of the splitting wedge. These patented innovations ensure precise guidance, minimise slippage of the wood and thus protect the operator from falling logs.



SAPPIE HOLDER

Park your Sappie conveniently on the outside of the machine: Whether on the log lifting device or on the safety bar – the storage option is suitable for both right- and left-handers, and the Sappie is easily accessible from the operator's station.



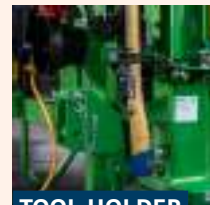
BIG ON THE JOB, COMPACT FOR STORAGE AND TRANSPORT

For storage and transport of the HydroCombi, the cylinder can be lowered to reduce the overall height of the machine. If your machine is equipped with a winch, it can be folded in for transport. With its compact height (up to a max. of 2 m), the HydroCombi fits into almost any shed.



SAFETY SHUT-OFF DAMPER

For increased safety: If a piece of wood gets between the splitting wedge and the safety shut-off flap during the return travel, it stops the return travel of the splitting wedge.



TOOL HOLDER

Where to put the tools when your machine is being transported? Use the tool holder fitted as standard to securely attach the required accessories for transport.



HydroCombi 13 Overview

Drive	Drive 1	Tractor PTO shaft	Electric motor	Electric motor	Hybrid drive: Tractor PTO shaft	Petrol engine
	Drive 2	-	-	-	Electric motor	-
	Type	PZG-V2	E5.5-400-V2	E5.5D-400-V2 Turbo	PZG-E5.5-400-V2	B5.5D-V2 Turbo
Basic model	Fixomatic 2.0	✓	✓	✓	✓	✓
	V2 Speed	✓	✓	✓	✓	✓
	Autospeed	○	○	○	○	○
	Mechanical log lifting device	✓	✓	✓	✓	✓
	Adjustable splitting stroke	✓	✓	✓	✓	✓
	Grey cast iron pump	✓	✗	✗	✓	✗
	Aluminium pump	✗	✓	✓	✓	✓
	Two-stage pump	✗	✗	✓	✗	✓
	Three-point linkage Cat. I + II	✓	○	○	✓	✗
	hand-gearred trolley with support wheel	✗	✓	✓	✗	✓
	Non-slip floor grate	✓	✓	✓	✓	✓
Technical data	Splitting force max. t	13	13	13	13	13
	Log diameter max. cm	45	45	45	45	45
	Log length min. cm	55	55	55	55	55
	Log length max. cm	110	110	110	110	110
	Cylinder stroke max. mm	1000	1000	1000	1000	1000
	Splitting wedge length mm	240	240	240	240	240
	Weight kg	385	385	391	384	383
	Supply stage 1 (drive 1) cm/s	11	5	4	11	3
	Supply stage 2 (drive 1) cm/s	23	10	22	23	22
	Return drive 1 cm/s	20	9	19	20	19
	Supply stage 1 Drive 2 cm/s	-	-	-	5	-
	Supply stage 2 Drive 2 cm/s	-	-	-	10	-
	Return drive 2 cm/s	-	-	-	9	-
	Power specification electric motor S6 kW	-	5.5	5.5	5.5	-
	Average power consumption kWh*	-	2–3	2–3	2–3	-
	Motor protection switch / phase inverter	-	✓	✓	✓	-
	Rotation field detection	-	✗	✓	✗	-
	Star-delta start	-	✗	✗	✗	-
	Mains power requirements	-	3x 400 V, 50 Hz, CEE 16 A	3x 400 V, 50 Hz, CEE 16 A	3x 400 V, 50 Hz, CEE 16 A	-
	Power requirement PTO kW	14	-	-	14	-
	PTO speed min. rpm	300–450	-	-	300–450	-
	PTO speed max. for 4 h rpm **	540	-	-	540	-
	Joint shaft required	Yes	-	-	Yes	-
	Power specification combustion engine	-	-	-	-	5.5 kW / 7.5 hp
	Fuel consumption l/h	-	-	-	-	1.0 – 1.5
	Fuel tank capacity in litres	-	-	-	-	4.1
	Hydraulic oil tank capacity l	18	18	18	18	18
	Length transport / working position mm	1450 / 1320	1600 / 1100	1600 / 1100	1370 / 1340	2040 / 1340
	Width transport / working position mm	1150 / 1360	920 / 1880	910 / 1880	1250 / 1800	1250 / 1880
	Height transport / working position mm	2150 / 2600	2200 / 2800	2240 / 2600	1920 / 2600	1900 / 2600
Transport	hand-gearred trolley with support wheel	✗	✓	✓	✗	✓
	Transport device for PZG/PZG-E drive	○	✗	✗	○	✗
	Road chassis can be uncoupled	✗	✗	✗	✗	✗
	Three-point linkage Cat. I + II	✓	○	○	✓	✗
Special equipment	Hydraulic log lifting device	✗	✗	✗	✗	✗
	Road chassis (can be uncoupled)	✗	✗	✗	✗	✗
	Winch 500 manual	✗	✗	✗	✗	✗
	Winch 750 manual/radio	✗	✗	✗	✗	✗
	Gripping tongs	✗	✗	✗	✗	✗
	2-hook stripper	✗	✗	✗	✗	✗
Accessory equipment	Transport device for PZG/PZG-E drive	○	✗	✗	○	✗
	Chainsaw mount	○	○	○	○	○
	Hour meter	○	○	○	○	○

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.
 ** For machine with winch max. 480

Basic model HydroCombi 13 ► V2 Speed

The hydraulic metre-long timber splitter for beginners.

Article no.	Type	Name	Drive	Supply stage 1 cm / s	Supply stage 2 cm / s	Return Cm/s	Splitting force t	Weight ~ kg
M2822P	PZG-V2	HydroCombi 13, PZG-V2, vertical log splitter with 13 t splitting force, driven by tractor PTO shaft, required PTO speed 300–450 rpm, power requirement 14, kW, grey cast iron pump, max. log length 110 cm, Fixomatic, V2 Speed, mechanical log lifting device with wood flap, safety bar, lift limit, floor grating, three-point linkage, Cat. I + II. PTO shaft required!		11	23	20	13	385
M2820P	E5.5-400-V2	HydroCombi 13, E5.5-400-V2, vertical log splitter with 13 t splitting force, driven by a 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter, Aluminium pump, max. log length 110 cm, Fixomatic, V2 Speed, mechanical log lifting device with wood flap, safety bar, lift limiter, floor grating, manual trolley with support wheel		5	10	9	13	385
M2821P	E5.5D-400-V2 Turbo	HydroCombi 13, E5.5D-400-V2 Turbo, vertical log splitter with 13 t splitting force, driven by a 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter and rotation field detection, aluminium two-stage pump, max. log length 110 cm, Fixomatic, V2 Speed, mechanical log lifting device with wood flap, safety bar, lift limit, floor grating, manual trolley with support wheel		4	22	19	13	391
M2824P	PZG-E5.5-400-V2	HydroCombi 13, PZG-E5.5-400-V2, vertical log splitter with 13 t splitting force, driven by tractor PTO shaft, required PTO speed 300–450 rpm, power requirement 14, kW, grey cast iron pump and drive with 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter, aluminium pump, max. log length 110 cm, Fixomatic, V2 Speed, mechanical log lifting device with wood flap, safety bar, lift limit, floor grating, three-point linkage Cat. I + II. PTO shaft required!		11	23	20	13	384
				5	10	9	13	
M2823P	B5.9D-V2 Turbo	HydroCombi 13, B5.9D-V2 Turbo, vertical log splitter with 13 t splitting force, drive powered by a 5.9 kW petrol engine, recoil starter, aluminium two-stage pump, max. log length 110 cm, Fixomatic, V2 Speed, mechanical log lifting device with wood flap, safety bar, lift limiter, floor grating, manual trolley with support wheel		3	22	19	13	383



MANUAL TROLLEY

On models without three-point linkage, the standard, removable hand-gear trolley with two wheels (diameter 300 mm) and a swivelling support wheel ensure optimum transport of your HydroCombi 13.

The steering lever allows you to manoeuvre the machine effortlessly on firm ground and fasten it to the transport position.

HYDROCOMBI 13, PZG-V2



► V2 Speed

On page **280**, you can find out all about the benefits of the V2 Speed function!

Special equipment HydroCombi 13

! Only possible with original equipment, incl. installation.

Article no.	Name	Type PZG-V2	Type E5.5- 400-V2	Type E5.5D-400-V2 Turbo	Type PZG-E-5.5- 400-V2	Type B5.9D-V2 Turbo	Weight ~ kg	
R (SO1001)	Autospeed option for the automatic selection of the optimum shearing speed and the required splitting force.	○	○	○	○	○	6	
D (SO1006)	Surcharge for three-point linkage Cat. I + II, for easy transport with the tractor, for machines with electric motor drive. The three-point linkage Cat. I + II is fitted as standard on machines with tractor PTO shaft and hybrid drive. This special equipment includes the F0003117 travel mechanism. The standard manual trolley with support wheel is no longer included.	×	○	○	×	×	35	

○ optional × not available ✓ standard equipment



TRANSPORT ON THE TRACTOR

Do you also work outside the home and yard? Thanks to the three-point linkage, Cat. With I + II, the HydroCombi can be easily transported on the tractor. On models with a tractor PTO shaft, this is standard; on electric-powered machines, it is available as an optional feature. Alternatively, your HydroCombi with three-point linkage can also be moved manually – thanks to the included travel mechanism with two swivelling support wheels, which simply attaches to the three-point linkage.

▶ Autospeed

On page 280, you can find out all about the benefits of the Autospeed function!

Accessory equipment HydroCombi 13

For more power and comfort during producing firewood.

Article no.	Name	Type PZG-V2	Type E5.5- 400-V2	Type E5.5D-400-V2 Turbo	Type PZG-E-5.5- 400-V2	Type B5.9D-V2 Turbo	Weight ~ kg	
F0003117	A travel mechanism for manually transporting the machine, fitted with a handle and two swivelling support wheels. The travel mechanism is coupled via the three-point linkage on machines powered by a tractor PTO shaft or with a hybrid drive: Tractor PTO + electric motor.	○	×	×	○	×	23	
F0003357	Chainsaw holder for safe transport and practical storage of the chainsaw	○	○	○	○	○	3	
F0001482	Operating hours counter with digital display, suitable for machines with petrol engine drive	×	×	×	×	○	1	
F0002179	Hour meter with analogue display, suitable for machines with an electric motor drive of 400 V	×	○	○	○	×	1	
F0001806	Operating hours counter with digital display of hours and PTO shaft speed, suitable for machines with tractor PTO shaft drive	○	×	×	○	×	1	
Z2000635	Walterscheid W-Line universal joint shaft	○	×	×	○	×	8	

○ optional × not available ✓ standard equipment

TRAVEL MECHANISM

Practical for storage in the shed or to move your HydroCombi 13 to places you can no longer get to with your tractor. The removable transport device with 2 swivelling support wheels is attached to the three-point linkage. This allows you to manually manoeuvre your machine on paved surfaces.
Item no: F0003117



CHAINSAW MOUNT



HOUR METER



Electric drive HydroCombi 13 Retrofit kit

For HydroCombi machines with tractor PTO drive from year of manufacture 2023. Enables the switch to a modern hybrid powertrain by incorporating an additional electric motor.

Article no.	Name	Type PZG-V2	Type E5.5- 400-V2	Type E5.5D-400-V2 Turbo	Type PZG-E-5.5- 400-V2	Type B5.9D-V2 Turbo	Weight ~ kg
F0002762	Retrofitting for an additional electric drive, comprising a 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, S6, CEE 16 A and direct start, a motor protection switch with phase inverter, an aluminium pump and other necessary accessories. Suitable for HydroCombi 10 and 13 models manufactured from 2023 onwards, with tractor PTO shaft drive. Estimated installation time: 6 hours	○	×	×	×	×	65

○ optional ✗ not available ✓ standard equipment



RETROFITTING FOR ELECTRIC DRIVE FOR HYDROCOMBI MODELS 10 AND 13 FROM YEAR OF CONSTRUCTION 2023, TYPE PZG

Upgrade your HydroCombi 10 or 13 from model year 2023 to a modern and reliable electric motor solution with the electric motor Retrofit kit! Benefit You can count on durable, low-maintenance technology that delivers performance and significantly increases the flexibility of your machine. The 5.5 kW electric motor (S6) is an efficient alternative to the conventional drive. The unit includes a direct-start motor protection switch with a phase inverter to ensure safety. The power supply is 3 x 400 V, 50 Hz, CEE 16 A – ideal for demanding applications. The retrofit kit contains all It comes with all the necessary accessories and is pre-assembled as far as possible!

Retrofitting Fixomatic 2.0 | Absorbers HydroCombi

For HydroCombi machines from model year 2010, "M" series (e.g. article no. MxxxxM).

Article no.	Name	Type PZG-V2	Type E5.5- 400-V2	Type E5.5D-400-V2 Turbo	Type PZG-E-5.5- 400-V2	Type B5.9D-V2 Turbo	Weight ~ kg
F0004979	Fixomatic 2.0 Retrofit kit with rollers, consisting of a movable lower wedge section with integrated grooves and rollers with grooves for the riving wedge. Suitable for HydroCombi 13 and 18, M standard equipment. Estimated installation time: 2 hours	○	○	○	○	○	15
F0004982	Retrofitting for left and right absorber, for cushioning the catching surfaces on the guard rail and log lifting device as non-slip padding and impact protection. The energy is absorbed and recoil of the split wood is minimised, which keeps the logs in a better position for further processing. Suitable for HydroCombi 13, 16, 18 and 20, M standard equipment. Estimated installation time: 3 hours	○	○	○	○	○	6

○ optional ✗ not available ✓ standard equipment

RETROFIT KIT FIXOMATIC WITH ' ' ROLLERS

For easier splitting of fibrous or soft wood. The grooved rollers for the splitting wedge ensure precise guidance during the splitting process, thereby enhancing the operator's safety.



ABSORBER RETROFIT KIT LEFT AND RIGHT



HydroCombi 16 and 18 Overview

		HydroCombi 16			HydroCombi 18			
Drive		Tractor PTO shaft	Electric motor	Hybrid drive: Tractor PTO shaft	Tractor PTO shaft	Electric motor	Hybrid drive: Tractor PTO shaft	
	Drive 1							
	Drive 2	-	-	Electric motor	-	-	Electric motor	
	Type	PZG-R	E5.5D-400-R	PZG-E5.5D-400-R	PZG-R	E5.5D-400-R	PZG-E5.5D-400-R	
Basic model	Fixomatic 2.0	✓	✓	✓	✓	✓	✓	
	V2 Speed	✗	✗	✗	✗	✗	✗	
	Autospeed	✓	✓	✓	✓	✓	✓	
	Mechanical log lifting device	✓	✓	✓	✓	✓	✓	
	Adjustable splitting stroke	✓	✓	✓	✓	✓	✓	
	Grey cast iron pump	✓	✗	✓	✓	✗	✓	
	Aluminium pump	✗	✓	✓	✗	✓	✓	
	Two-stage pump	✗	✓	✓	✗	✓	✓	
	Three-point linkage Cat. I + II	✓	✓	✓	✓	✓	✓	
	hand-gearred trolley with support wheel	✗	✗	✗	✗	✗	✗	
	Non-slip floor grate	✓	✓	✓	✓	✓	✓	
Technical data	Splitting force max. t	16	16	16	18	18	18	
	Log diameter max. cm	50	50	50	50	50	50	
	Log length min. cm	55	55	55	55	55	55	
	Log length max. cm	110	110	110	110	110	110	
	Cylinder stroke max. mm	1000	1000	1000	1000	1000	1000	
	Splitting wedge length mm	240	240	240	240	240	240	
	Weight kg	465	509	512	475	513	529	
	Supply stage 1 (drive 1) cm/s	11	5	11	10	5	10	
	Supply stage 2 (drive 1) cm/s	19	16	19	19	16	19	
	Return drive 1 cm/s	23	19	23	19	16	19	
	Supply stage 1 Drive 2 cm/s	-	-	5	-	-	5	
	Supply stage 2 Drive 2 cm/s	-	-	16	-	-	16	
	Return drive 2 cm/s	-	-	19	-	-	16	
	Power specification electric motor S6 kW	-	5.5	5.5	-	5.5	5.5	
	Average power consumption kWh*	-	2-3	2-3	-	2-3	2-3	
	Motor protection switch / phase inverter	-	✓	✓	-	✓	✓	
	Rotation field detection	-	✓	✓	-	✓	✓	
	Star-delta start	-	✗	✗	-	✗	✗	
	Mains power requirements	-	3x 400 V, 50 Hz, CEE 16 A	3x 400 V, 50 Hz, CEE 16 A	-	3x 400 V, 50 Hz, CEE 16 A	3x 400 V, 50 Hz, CEE 16 A	
	Power requirement PTO kW	17	-	17	17	-	17	
	PTO speed min. rpm	300 - 380	-	300 - 380	300 - 380	-	300 - 380	
	PTO speed max. for 4 h rpm **	450	-	450	450	-	450	
	Joint shaft required	Yes	-	Yes	Yes	-	Yes	
	Power specification combustion engine	-	-	-	-	-	-	
	Fuel consumption l/h	-	-	-	-	-	-	
	Fuel tank capacity in litres	-	-	-	-	-	-	
	Hydraulic oil tank capacity l	38	38	38	38	38	38	
	Length transport / working position mm	1470 / 1470	1500 / 1470	1550 / 1470	1400 / 1470	1470 / 1470	1500 / 1470	
	Width transport / working position mm	1100 / 1950	1060 / 1950	1030 / 1950	1030 / 1330	1100 / 1950	1000 / 1950	
	Height transport / working position mm	2250 / 2620	2300 / 2620	2300 / 2620	2320 / 2620	2300 / 2620	2300 / 2620	
	Transport	hand-gearred trolley with support wheel	✗	✗	✗	✗	✗	✗
		Transport device for PZG/PZG-E drive	✗	✗	✗	✗	✗	✗
Road chassis can be uncoupled		○	○	○	○	○	○	
Three-point linkage Cat. I + II		✓	✓	✓	✓	✓	✓	
Special equipment	Hydraulic log lifting device	○	○	○	○	○	○	
	Road chassis (can be uncoupled)	○	○	○	○	○	○	
	Winch 500 manual	○	✗	○	○	○	○	
	Winch 750 manual/radio	○	✗	○	○	○	○	
	Gripping tongs	○	○	○	○	○	○	
	2-hook stripper	○	○	○	○	○	○	
Accessory equipment	Transport device for PZG/PZG-E drive	✗	✗	✗	✗	✗	✗	
	Chainsaw mount	○	○	○	○	○	○	
	Hour meter	○	○	○	○	○	○	

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.
** For machine with winch max. 480

Basic model HydroCombi 16 and 18 ▶ Autospeed

A timeless classic: The popular metre-long timber splitter that makes your firewood work easier!

Article no.	Type	Name	Drive	Supply stage 1 cm / s	Supply stage 2 cm / s	Return Cm/s	Splitting force t	Weight ~ kg
M6202PR	PZG-R	HydroCombi 16, PZG-R, vertical log splitter with a splitting force of 16 t, driven by tractor PTO shaft, required PTO speed 300–380 rpm, power requirement 17 kW, grey cast iron pump, max. log length 110 cm, Fixomatic, Autospeed, mechanical log lifting device with wood flap, safety bar, lift limit, floor grating, three-point linkage, Cat. I + II. PTO shaft required!		11	19	23	16	465
M6204PR	E5.5D-400-R	HydroCombi 16, E5.5D-400-R, vertical log splitter with 16 t splitting force, driven by a 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter and rotation field detection, aluminium two-stage pump, max. log length 110 cm, Fixomatic, Autospeed, mechanical log lifting device with wood flap, safety bar, lift limit, floor grating, three-point linkage Cat. I + II		5	16	19	16	509
M6206PR	PZG-E5.5D-400-R	HydroCombi 16, PZG-E5.5D-400-R, vertical splitter with 16 t splitting force, drive with tractor PTO, required PTO speed 300-380 rpm, power requirement 17 kW, grey cast iron pump and drive with electric motor 5.5 kW, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter and rotating field detection, aluminium double-stage pump, max. log length 110 cm, Fixomatic, Autospeed, mechanical log device with wood flap, safety guard, floor grate, three-point linkage cat. I + II. PTO shaft required!		11	19	23	16	512
				5	16	19		
M6192PR	PZG-R	HydroCombi 18, PZG-R, vertical log splitter with a splitting force of 18 t, driven by tractor PTO shaft, required PTO speed 300–380 rpm, power requirement 17 kW, grey cast iron pump, , maximum log length 110 cm, Fixomatic, Autospeed, mechanical log lifting device with wood flap, safety bar, lift limit, floor grating, three-point linkage, Cat. I + II. PTO shaft required!		10	19	19	18	475
M6194PR	E5.5D-400-R	HydroCombi 18, E5.5D-400-R, vertical log splitter with 18 t splitting force, driven by a 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter and rotation field detection, aluminium two-stage pump. Max. log length of 110 cm. Fixomatic, Autospeed, mechanical log lifting device with wood flap, safety bar, lift limit, floor grating, three-point linkage, Cat. I + II		5	16	16	18	513
M6196PR	PZG-E5.5D-400-R	HydroCombi 18, PZG-E5.5D-400-R, upright splitter with 18 t splitting force, drive with tractor PTO, required PTO speed 300-380 rpm, power requirement 17 kW, grey cast iron pump and drive with electric motor 5.5 kW, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start motor protection switch with phase inverter and rotating field detection, aluminium double-stage pump, max. log length 110 cm, Fixomatic, Autospeed, mechanical log device with wood flap, safety guard, floor grate, three-point linkage cat. I + II. PTO shaft required!		10	19	19	18	529
				5	16	16		



HYDROCOMBI 18 PZG-R

**HYDROCOMBI 18 PZG-R
WITH AN 'HC' WINCH**

You will find the item numbers for the winches on the next page!



Special equipment HydroCombi 16 and 18

! Only possible with original equipment, incl. installation.

Article no.	Name	Type PZG-R	Type E5.5D- 400-R	Type PZG-E5.5D- 400-R	Weight ~ kg	
H (SO1007)	Surcharge for hydraulic log lifting device with its own oil circuit and integrated valve. The standard mechanical lifting device is no longer required.	○	○	○	32	

○ optional ✕ not available ✓ standard equipment



HYDRAULIC LOG LIFTING DEVICE

Another clever solution! The optional hydraulic log lifting device replaces the mechanical version and lifts the material to be split effortlessly into the splitting position. It enables precise control thanks to its own oil circuit and integrated valve.

Winches HydroCombi 16 and 18

Powerful, hydraulically operated winches are convenient helpers for producing firewood. POSCH winches stand out thanks to their soft start and soft descent when operated manually, automatic cable-end cut-off, and free cable extension on the '750' model. Bloch strip hooks included as standard. The winch can also be folded for transport.

! Special equipment for original equipment incl. installation!

Article no.	Name	Type PZG-R	Type E5.5D- 400-R	Type PZG-E5.5D- 400-R	Weight ~ kg	
HC (SO1138)	'500' winch, hand-operated, 20 m rope, 500 kg pulling force, max. rope pay-out speed 80 cm/s. A 12 V 3-pin continuous-current socket on the tractor is required to operate the winch.	○	✕	○ When the drive is running Not suitable for use with an electric motor!	128	
HW (SO1139)	Winch '750', manually operated, 40 m cable, 750 kg pulling force, unlimited cable extension speed. A 3-pin 12 V continuous current socket is required on the tractor to operate a winch.	○	✕	○ When the drive is running Not suitable for use with an electric motor!	128	
FH (SO1175)	'750' winch, radio-controlled and manually operated, 40 m rope, 750 kg pulling force, unlimited rope pay-out speed. Handheld transmitter with standard batteries. A 3-pin 12 V continuous current socket is required on the tractor to operate a winch.	○	✕	○ When the drive is running Not suitable for use with an electric motor!	128	
F0003962	Gripper with torsion spring for winch, up to trunk diameter 65 cm	○	✕	○	7	
F0003971	Gripping tongs with coil spring to winch, up to log ø 80 cm.	○	✕	○	8	
F0002605	2-hole bloch strip hook for up to 1,000 kg, chain to winch with a length of 1 m for optimum log pick-up	○	✕	○	4	
F0003978	Adapter, converter from 3-pin continuous current socket to 7-pin Euro plug for vehicle lighting	○	✕	○	1	

○ optional ✕ not available ✓ standard equipment

An overview of winches
and accessory equipment



What speaks in favour of the winch

500 KG TENSILE FORCE BY HAND

The manual control is actuated briefly to release the 20-metre-length rope at a deployment speed of up to 0.8 m/s.



750 KG TENSILE FORCE BY RADIO OR HAND

During manual actuation or remote control actuation, the 40-metre-length cable is released to allow it to extend unimpeded.



PROTECTS YOUR BACK, SAVES ENERGY

This allows you to pull each log effortlessly to the machine. The winch scores points with its smooth start-up in manual mode and the automatic cable end shut-off. Thanks to the high feed point with the winch's swivelling deflection pulley, you can position the trunk precisely beneath the splitting blade.



MAXIMUM FREEDOM

The lowerable trunk lifting device and the side arm offer maximum freedom of movement when working with the winch – in both confined and open spaces.



BIG ON THE JOB, COMPACT FOR STORAGE AND TRANSPORT

The winch can be folded away for the storage and transport of the HydroCombi. With its compact height (up to a max. of 2 m), the HydroCombi fits into almost any shed.



Accessories for the winch



GRIPPING TONGS

Would you like to attach the winch cable to the log more easily and quickly? Two grippers are available for different trunk diameters. The built-in torsion spring ensures a secure hold, even when there is no tension on the cable. If the gripper is not in use, there is a separate parking device on the winch.

ADAPTER FROM 3- TO 7-PIN



Does your tractor not have a permanent power plug? The adapter for converting from a 3-pin continuous current socket to a 7-pin Euro plug for the vehicle lighting is available as an option.

2-HOOK STRIPPER

Would you like to attach the rope to the trunk using a chain with both block strip hooks instead of the standard block striphook, in order to pull large logs towards the machine even more safely? The two ' ' block strip hooks are hammered into the trunk and double-anchored, thus ensuring an even more secure hold.

Running gear HydroCombi 16 and 18

Mobile use - even outside the house and yard.



Only possible with original equipment, incl. installation.

Article no.	Name	Type PZG-R	Type E5.5D- 400-R	Type PZG-E5.5D- 400-R	Weight ~ kg
SA (SO1008)	Surcharge for road chassis with rubber-sprung axle (80 km/h), ball-head coupling, overrun and parking brake, support wheel and lighting system. The chassis can be detached so that the machine can also be used with the standard Category three-point linkage. I + II. A prerequisite for use is the ' ' model classification of the machine and the acquisition of an individual type-approval certificate (AT) or an individual operating licence (DE).	○	○	○	250
YDE142	Individual operating licence, model classification for Austria/Germany: HydroCombi, SplitMaster, Polly	○	○	○	1

○ optional ✕ not available ✓ standard equipment

ROAD CHASSIS (80 KM/H)



Simply transport your HydroCombi from A to B by car!

Our optional road chassis with rubber linkage axle (80 km/h), ball head hitch, overrun and parking brake, support wheel and lighting system makes transporting your HydroCombi uncomplicated. To operate the HydroCombi with tractor drive, simply uncouple the chassis from the machine and start work immediately or operate the HydroCombi on the Cat. I + II three-point linkage. A prerequisite for use is the model classification of the machine and the acquisition of an individual type-approval certificate (AT) or an individual operating licence (DE). The chassis is also equipped with two support legs for safe uncoupling before working with the machine.

Accessory equipment HydroCombi 16 and 18

For more power and comfort during producing firewood.

Article no.	Name	Type PZG-R	Type E5.5D- 400-R	Type PZG-E5.5D- 400-R	Weight ~ kg
F0003357	Chainsaw holder for safe transport and practical storage of the chainsaw	○	○	○	3
F0002179	Hour meter with analogue display, suitable for machines with an electric motor drive of 400 V	✕	○	○	1
F0001806	Operating hours counter with digital display of hours and PTO shaft speed, suitable for machines with tractor PTO shaft drive	○	✕	○	1
Z2000636	Walterscheid W-Line universal joint shaft	○	✕	○	9

○ optional ✕ not available ✓ standard equipment

CHAINSAW MOUNT

For safe transport and practical storage of your chainsaw.



HOURLY METER

Would you like to rent out your machine or keep an eye on the operating time? A suitable operating hours counter is available for each drive variant, allowing you to read off the exact machine running time.



Retrofitting electric drive HydroCombi 16 and 18

For HydroCombi machines with tractor PTO drive from year of manufacture 2023. Enables the switch to a modern hybrid powertrain by incorporating an additional electric motor.

Article no.	Name	Type PZG-R	Type E5.5D- 400-R	Type PZG-E5.5D- 400-R	Weight ~ kg
F0004895	Retrofitting for an additional electric drive, comprising a 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start and a motor protection switch with phase inverter and rotation field detection, aluminium double-stage pump and other necessary accessories. Suitable for HydroCombi 16, 18 and 20 from model year 2023 with tractor PTO drive. Estimated installation time: 6 hours	○	✗	✓	55

○ optional ✗ not available ✓ standard equipment



RETROFITTING FOR ELECTRIC DRIVE FOR HYDROCOMBI MODELS 16, 18 AND 20 FROM YEAR OF CONSTRUCTION 2023, TYPE PZG

Upgrade your HydroCombi 16, 18 or 20 from model year 2023 to a modern and reliable electric motor solution with the electric motor Retrofit kit! Benefit from durable, maintenance-friendly technology that significantly increases the performance and flexibility of your machine.

The 5.5 kW electric motor (S6) is an efficient alternative to the conventional drive. The kit includes a direct-start motor protection switch with phase inverter and rotating field detection for safe operation. Power is supplied via 3 x 400 V, 50 Hz, CEE 16 A – ideal for demanding applications.

The Retrofit kit contains all the necessary accessories and is pre-assembled as far as possible!

Retrofitting Fixomatic 2.0 | Absorbers HydroCombi

For HydroCombi machines from model year 2010, "M" series (e.g. article no. MxxxxM).

Article no.	Name	Type PZG-R	Type E5.5D- 400-R	Type PZG-E5.5D- 400-R	Weight ~ kg
F0004980	Fixomatic 2.0 retrofit kit with rollers, comprising a movable Knife base with integrated grooves and rollers with grooves for the splitting wedge. Suitable for HydroCombi 16 and 18, M standard equipment. Estimated installation time: 2 hours	○	○	○	15
F0004982	Retrofitting for left and right absorber, for cushioning the catching surfaces on the guard rail and log lifting device as non-slip padding and impact protection. The energy is absorbed and recoil of the split wood is minimised, which keeps the logs in a better position for further processing. Suitable for HydroCombi 13, 16, 18 and 20, M standard equipment. Estimated installation time: 3 hours	○	○	○	6

○ optional ✗ not available ✓ standard equipment

RETROFIT KIT FIXOMATIC WITH ROLLERS

For easier splitting of fibrous or soft wood. The grooved rollers for the splitting wedge ensure precise guidance during the splitting process, thereby enhancing the operator's safety.



ABSORBER RETROFIT KIT LEFT AND RIGHT



Retrofitting winch HydroCombi 16 and 18

Looking for a powerful helper that makes producing firewood more comfortable? POSCH winches can also be retrofitted. They pull every trunk effortlessly towards the machine, offering the benefits of a smooth start and gentle lowering in manual mode, automatic rope-end shut-off, and the winch can also be folded away for transport. For machines in the 'M' series (e.g. item no. MxxxxMR) manufactured from 2010 onwards, the 'L' series (e.g. item no. MxxxLR) manufactured from 2011 onwards, and the 'P' series (e.g. item no. MxxxxPR) manufactured from 2025 onwards.

To ensure that the winch is compatible with your machine, please check that the item number matches the one on your machine's type plate. Operation is only possible with a tractor PTO drive and a 3-pin 12 V continuous current socket is also required. Please note that retrofitting a winch to the HydroCombi 16 'Turbo' model is not possible.

Article no.	Name	Type PZG-R	Type E5.5D- 400-R	Type PZG-E5.5D- 400-R	Weight ~ kg	
F0003861	'500' (HC) winch retrofit kit, hand-operated, 20 m rope, 500 kg pulling force, max. rope pay-out speed 80 cm/s. Suitable for HydroCombi 16, 18 and 20 models with tractor PTO shaft drive. Estimated installation time: 6 hours	○	×	×	70	
F0003862	'500' (HC) winch retrofit kit, hand-operated, 20 m rope, 500 kg pulling force, max. rope pay-out speed 80 cm/s. Suitable for HydroCombi 16, 18 and 20 models with hybrid drive: Tractor PTO + electric motor. Estimated installation time: 6 hours	×	×	○	85	
F0003863	'750' (HW) winch retrofit kit, hand-operated, 40 m rope, 750 kg pulling force, unlimited rope pay-out speed. Suitable for HydroCombi 16, 18 and 20, driven by the tractor PTO shaft. Estimated installation time: 6 hours	○	×	×	126	
F0003864	'750' (HW) winch retrofit kit, hand-operated, 40 m rope, 750 kg pulling force, unlimited rope pay-out speed. Suitable for HydroCombi 16, 18 and 20 with hybrid drive: Tractor PTO + electric motor. Estimated installation time: 6 hours	×	×	○	145	
F0003865	'750' (FH) winch retrofit kit, radio-controlled and manually operated, 40 m of rope, 750 kg pulling force, handheld transmitter with standard batteries, unlimited rope pay-out speed. Suitable for HydroCombi 16, 18 and 20, driven by the tractor PTO shaft. Estimated installation time: 6 hours	○	×	×	130	
F0003866	'750' (FH) winch retrofit kit, radio-controlled and manually operated, 40 m rope, 750 kg pulling force, handheld transmitter with standard batteries, unlimited rope pay-out speed. Suitable for HydroCombi 16, 18 and 20 with a hybrid drive: Tractor PTO + electric motor. Estimated installation time: 6 hours	×	×	○	145	
H (SO1233)	Required extension for the 'H' winch retrofitting for valve mounting, suitable for HydroCombi 16, 18, 20, 22, 24 Turbo and 26 models with an existing hydraulic log lifting device (e.g. F0003861H). Estimated installation time: 1 hour	○	×	○	1	

○ optional × not available ✓ standard equipment

Retrofitting winch on HydroCombi models

The winch is operated via the tractor PTO drive, which ensures reliable and powerful utilisation. For machines equipped with both drive variants - tractor PTO shaft and electric motor - winch operation is only possible when driven via the tractor PTO shaft in order to ensure optimum safety.



Important notes:

- A 3-pin 12 V continuous-current socket on the tractor is required for operation.
- To secure the winch to the column, it may be necessary – depending on the year of manufacture – to weld two brackets onto it.
- Estimated installation time: 6 hours.



What speaks in favour of the winch

FROM THE FIELD

Retrofitting for the winch

Shortly after purchasing the HydroCombi from BayWa Lamag Frastanz, Erich Seemann retrofitted a winch. Each year, approximately 20 to 40 m³ of ash and beech wood is required to fuel the sandstone stove in the living room and the central heating system. Whether gnarled or fibrous logs with a diameter of up to 75 cm – after eight years of use, here is a summary:

I worked for a year without using winches to save money.

I soon regretted that.

The radio operated winch was retrofitted in 2016 - what a revelation! I use my HydroCombi 22 often & happily!

Thanks to the 40-cable of length 40 metres and its enormous pulling force, the winch can pull in even the thickest metre-long logs.

ERICH SEEMANN



Mr Seemann became aware of the company through a "Landwirt" test report - the good, general service and product quality had convinced him. It is driven by his small Steyr 545 tractor.

HydroCombi 20 Overview

Drive	HydroCombi 20			
	Drive 1	Tractor PTO shaft	Electric motor	Hybrid drive: Tractor PTO shaft
	Drive 2	-	-	Electric motor
	Type	PZG-R	E5.5D-400-R	PZG-E5.5D-400-R
Basic model	Fixomatic 2.0	✓	✓	✓
	V2 Speed	✗	✗	✗
	Autospeed	✓	✓	✓
	Mechanical log lifting device	✓	✓	✓
	Adjustable splitting stroke	✓	✓	✓
	Grey cast iron pump	✓	✗	✓
	Aluminium pump	✗	✓	✓
	Two-stage pump	✗	✓	✓
	Three-point linkage Cat. I + II	✓	✓	✓
	hand-gearred trolley with support wheel	✗	✗	✗
	Non-slip floor grate	✓	✓	✓
Technical Data	Splitting force max. t	20	20	20
	Log diameter max. cm	60	60	60
	Log length min. cm	55	55	55
	Log length max. cm	110	110	110
	Cylinder stroke max. mm	1000	1000	1000
	Splitting wedge length mm	300	300	300
	Weight kg	559	587	643
	Supply stage 1 (drive 1) cm/s	11	5	11
	Supply stage 2 (drive 1) cm/s	22	16	22
	Return drive 1 cm/s	21	16	21
	Supply stage 1 Drive 2 cm/s	-	-	5
	Supply stage 2 Drive 2 cm/s	-	-	16
	Return drive 2 cm/s	-	-	16
	Power specification electric motor S6 kW	-	5.5	5.5
	Average power consumption kWh*	-	2-3	2-3
	Motor protection switch / phase inverter	-	✓	✓
	Rotation field detection	-	✓	✓
	Star-delta start	-	✗	✗
	Mains power requirements	-	3x 400 V, 50 Hz, CEE 16 A	3x 400 V, 50 Hz, CEE 16 A
	Power requirement PTO kW	21	-	21
	PTO speed min. rpm	300 - 380	-	300 - 380
	PTO speed max. for 4 h rpm **	420	-	420
	Joint shaft required	Yes	-	Yes
	Power specification combustion engine	-	-	-
	Fuel consumption l/h	-	-	-
	Fuel tank capacity in litres	-	-	-
	Hydraulic oil tank capacity l	38	38	38
	Length transport / working position mm	1500 / 1470	1470 / 1470	1600 / 1470
	Width transport / working position mm	1050 / 1950	1050 / 1950	1030 / 1950
	Height transport / working position mm	2150 / 2650	2340 / 2650	2370 / 2650
Transport	hand-gearred trolley with support wheel	✗	✗	✗
	Transport device for PZG/PZG-E drive	✗	✗	✗
	Road chassis can be uncoupled	○	○	○
	Three-point linkage Cat. I + II	✓	✓	✓
Special equipment	Hydraulic log lifting device	○	○	○
	Road chassis (can be uncoupled)	○	○	○
	Winch 500 manual	○	✗	○
	Winch 750 manual/radio	○	✗	○
	Gripping tongs	○	○	○
	2-hook stripper	○	○	○
Accessory equipment	Transport device for PZG/PZG-E drive	✗	✗	✗
	Chainsaw mount	○	○	○
	Hour meter	○	○	○

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.
** For machine with winch max. 480

HydroCombi 22 and 26 overview

		HydroCombi 22			HydroCombi 26		
Drive		Tractor PTO shaft	Electric motor	Hybrid drive: Tractor PTO shaft	Tractor PTO shaft	Electric motor	Hybrid drive: Tractor PTO shaft
	Drive 1	-	-	Electric motor	-	-	Electric motor
	Drive 2	-	-	Electric motor	-	-	Electric motor
	Type	PZG-R	E7.5D-400-R	PZG-E7.5D-400-R	PZG-R	E7.5D-400-R	PZG-E7.5D-400-R
Basic model	Fixomatic 2.0	✓	✓	✓	✓	✓	✓
	V2 Speed	✗	✗	✗	✗	✗	✗
	Autospeed	✓	✓	✓	✓	✓	✓
	Mechanical log lifting device	✓	✓	✓	✓	✓	✓
	Adjustable splitting stroke	✓	✓	✓	✓	✓	✓
	Grey cast iron pump	✓	✗	✓	✓	✗	✓
	Aluminium pump	✗	✓	✓	✗	✓	✓
	Two-stage pump	✗	✓	✓	✗	✓	✓
	Three-point linkage Cat. I + II	✓	✓	✓	✓	✓	✓
	hand-gearred trolley with support wheel	✗	✗	✗	✗	✗	✗
	Non-slip floor grate	✓	✓	✓	✓	✓	✓
Technical Data	Splitting force max. t	22	22	22	26	26	26
	Log diameter max. cm	60	60	60	65	65	65
	Log length min. cm	55	55	55	55	55	55
	Log length max. cm	110	110	110	110	110	110
	Cylinder stroke max. mm	1000	1000	1000	1000	1000	1000
	Splitting wedge length mm	300	300	300	300	300	300
	Weight kg	595	647	665	645	679	705
	Supply stage 1 (drive 1) cm/s	11	6	11	10	6	10
	Supply stage 2 (drive 1) cm/s	23	20	23	23	20	23
	Return drive 1 cm/s	20	18	20	17	15	17
	Supply stage 1 Drive 2 cm/s	-	-	6	-	-	6
	Supply stage 2 Drive 2 cm/s	-	-	20	-	-	20
	Return drive 2 cm/s	-	-	18	-	-	15
	Power specification electric motor S6 kW	-	7.5	7.5	-	7.5	7.5
	Average power consumption kWh*	-	2.5 - 4	2.5 - 4	-	2.5 - 4	2.5 - 4
	Motor protection switch / phase inverter	-	✓	✓	-	✓	✓
	Rotation field detection	-	✓	✓	-	✓	✓
	Star-delta start	-	✓	✓	-	✓	✓
	Mains power requirements	-	3x 400 V, 50 Hz, CEE 16 A	3x 400 V, 50 Hz, CEE 16 A	-	3x 400 V, 50 Hz, CEE 16 A	3x 400 V, 50 Hz, CEE 16 A
	Power requirement PTO kW	23	-	23	24	-	24
	PTO speed min. rpm	300 - 450	-	300–450	300–450	-	300–450
	PTO speed max. for 4 h rpm **	500	-	500	450	-	450
	Joint shaft required	Yes	-	Yes	Yes	-	Yes
	Power specification combustion engine	-	-	-	-	-	-
	Fuel consumption l/h	-	-	-	-	-	-
	Fuel tank capacity in litres	-	-	-	-	-	-
	Hydraulic oil tank capacity l	43	43	43	43	43	43
	Length transport / working position mm	1550 / 1580	1550 / 1580	1650 / 1580	1600 / 1585	1600 / 1585	1640 / 1585
	Width transport / working position mm	1050 / 1320	1050 / 1320	1040 / 1930	1040 / 1950	1030 / 1950	1050 / 1950
	Height transport / working position mm	2250 / 2650	2250 / 2650	2350 / 2650	2460 / 2675	2540 / 2675	2460 / 2675
Transport	hand-gearred trolley with support wheel	✗	✗	✗	✗	✗	✗
	Transport device for PZG/PZG-E drive	✗	✗	✗	✗	✗	✗
	Road chassis can be uncoupled	○	○	○	○	○	○
	Three-point linkage Cat. I + II	✓	✓	✓	✓	✓	✓
Special-equipment	Hydraulic log lifting device	○	○	○	○	○	○
	Road chassis (can be uncoupled)	○	○	○	○	○	○
	Winch 500 manual	✗	✗	✗	✗	✗	✗
	Winch 750 manual/radio	○	✗	○	○	✗	○
	Gripping tongs	○	○	○	○	○	○
	2-hook stripper	○	○	○	○	○	○
Accessory equipment	Transport device for PZG/PZG-E drive	✗	✗	✗	✗	✗	✗
	Chainsaw mount	○	○	○	○	○	○
	Hour meter	○	○	○	○	○	○

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.

** For machine with winch max. 480

○ optional ✗ not available ✓ standard equipment

Basic model HydroCombi 20 and 22 Autospeed

The hydraulic firewood splitters with more power for a higher hourly output when splitting wood by the metre for professionals.

Article no.	Type	Name	Drive	Supply stage 1 cm / s	Supply stage 2 cm / s	Return Cm/s	Split- ting force t	Weight ~ kg
M6230PR	PZG-R	HydroCombi 20, PZG-R, vertical log splitter with 20 t splitting force, driven by tractor PTO shaft, required PTO speed 300–380 rpm, power requirement 21 kW, grey cast iron pump, max. log length 110 cm, Fixomatic, Autospeed, mechanical log lifting device with wood flap, safety bar, lift limit, floor grating, three-point linkage, Cat. I + II. PTO shaft required!		11	22	21	20	559
M6233PR	E5.5D-400-R	HydroCombi 20, E5.5D-400-R, vertical log splitter with 20 t splitting force, driven by a 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter and rotation field detection, aluminium two-stage pump, max. log length 110 cm, Fixomatic, Autospeed, mechanical log lifting device with wood flap, safety bar, lift limit, floor grating, three-point linkage Cat. I + II		5	16	16	20	587
M6234PR	PZG-E5.5D-400-R	HydroCombi 20, PZG-E5.5D-400-R, upright splitter with 20 t splitting force, drive with tractor PTO, required PTO speed 300-380 rpm, power requirement 21 kW, cast iron pump, as well as drive with electric motor 5.5 kW, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter and rotating field detection, aluminium double-stage pump, max. log length 110 cm, Fixomatic, Autospeed, mechanical log device with wood flap, guard rail, floor grating, three-point linkage cat. I + II. PTO shaft required!		11	22	21	20	643
				5	16	16		
M6241PR	PZG-R	HydroCombi 22, PZG-R, vertical log splitter with a splitting force of 22 t, driven by tractor PTO shaft, required PTO speed 300–450 rpm, power requirement 23 kW, grey cast iron pump, max. log length 110 cm, Fixomatic, Autospeed, mechanical log lifting device with wood flap, safety bar, lift limiter, floor grating, three-point linkage, Cat. I + II. PTO shaft required!		11	23	20	22	595
M6243PR	E7.5D-400-R	HydroCombi 22, E7.5D-400-R, vertical log splitter with 22 t splitting force, driven by a 7.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter and rotation field detection, aluminium two-stage pump, max. log length 110 cm, Fixomatic, Autospeed, mechanical log lifting device with wood flap, safety bar, lift limit, floor grating, three-point linkage Cat. I + II		6	20	18	22	647
M6244PR	PZG-E7.5D-400-R	HydroCombi 22, PZG-E7.5D-400-R, Vertical log splitter with 22 t splitting force, driven by tractor PTO shaft, required PTO speed 300–450 rpm, power requirement 23 kW, grey cast iron pump, and driven by a 7.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter and rotation field detection, aluminium two-stage pump, max. log length 110 cm, Fixomatic, Autospeed, mechanical trunk lifting device with wood flap, safety bar, lift limit, floor grating, three-point linkage Cat. I + II. PTO shaft required!		11	23	20	22	665
				6	20	18		

Basic model HydroCombi 26 ▶ Autospeed

The hydraulic firewood splitters with more power for a higher hourly output when splitting wood by the metre for professionals.

Article no.	Type	Name	Drive	Supply stage 1 cm / s	Supply stage 2 cm / s	Return Cm/s	Splitting force t	Weight ~ kg
M2140PR	PZG-R	HydroCombi 26, PZG-R, vertical log splitter with a splitting force of 26 t, driven by tractor PTO shaft, required PTO speed 300–450 rpm, power requirement 24 kW, grey cast iron pump, max. log length 110 cm, Fixomatic, Autospeed, mechanical log lifting device with wood flap, safety bar, lift limiter, floor grating, three-point linkage, Cat. I + II. PTO shaft required!		10	23	17	26	645
M2145PR	E7.5D-400-R	HydroCombi 26, E7.5D-400-R, vertical log splitter with 26 t splitting force, driven by a 7.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter and rotation field detection, aluminium two-stage pump, max. log length 110 cm, Fixomatic, Autospeed, mechanical log lifting device with wood flap, safety bar, lift limit, floor grating, three-point linkage Cat. I + II.		6	20	15	26	679
M2143PR	PZG-E7.5D-400-R	HydroCombi 26, PZG-E7.5D-400-R, Vertical log splitter with 26 t splitting force, driven by tractor PTO shaft, required PTO speed 300–450 rpm, power requirement 24 kW, grey cast iron pump, driven by 7.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter and rotation field detection, aluminium two-stage pump, max. log length 110 cm, Fixomatic, Autospeed, mechanical trunk lifting device with wood flap, safety bar, lift limit, floor grating, three-point linkage Cat. I + II. PTO shaft required!		10	23	17	26	705
				6	20	15		



HYDROCOMBI WITH 'FH' WINCH

You will find the item numbers for the winches on the next page!

HYDROCOMBI 26, PZG-R



Special equipment HydroCombi 20, 22 and 26

 Only possible with original equipment, incl. installation.

Article no.	Name	Hydro-Combi 20, 22, 26	Weight ~ kg
H (S01007)	Surcharge for hydraulic log lifting device with its own oil circuit and integrated valve. The standard mechanical lifting device is no longer required.	O	32

O optional X not available ✓ standard equipment



HYDRAULIC LOG LIFTING DEVICE

Another clever solution! The optional hydraulic log lifting device replaces the mechanical version and lifts the material to be split effortlessly into the splitting position. It enables precise control thanks to its own oil circuit and integrated valve.

Winches HydroCombi 20, 22 and 26

Looking for a powerful helper that makes producing firewood more comfortable? POSCH winches effortlessly pull every trunk towards the machine; they stand out for their smooth start-up and gentle lowering in manual mode, automatic cable-end shut-off, and free cable extension on the "750" model; furthermore, the winch can be folded away for transport.



Special equipment for original equipment incl. installation!

Article no.	Name	HydroCombi 20			HydroCombi 22, 26			Weight ~ kg
		Type PZG-R	Type E5.5D- 400-R	Type PZG-E5.5D- 400-R	Type PZG-R	Type E7.5D- 400-R	Type PZG-E7.5D- 400-R	
HC (SO1138)	Model '500' winch, hand-operated, 20 m rope, 500 kg pulling force, max. rope pay-out speed 80 cm/s. A 12 V, 3-pin continuous-current socket on the tractor is required to operate the winch. Suitable for HydroCombi 16, 18 and 20	○	×	○ Not suitable for use with the electric motor!	×	×	×	128
HW (SO1139)	Winch model "750", manually operated, 40 m cable, 750 kg pulling force, unlimited cable extension speed. A 3-pin 12 V continuous current socket is required on the tractor to operate a winch.	○	×	○ Not suitable for use with the electric motor!	○	×	○ Not suitable for use with the electric motor!	128
FH (SO1175)	Model '750' winch, radio-controlled and manually operated, 40 m rope, 750 kg pulling force, unlimited rope pay-out speed, hand-held transmitter with standard batteries. A 3-pin 12 V continuous current socket is required on the tractor to operate a winch.	○	×	○ Not suitable for use with the electric motor!	○	×	○ Not suitable for use with the electric motor!	128
F0003962	Gripper with torsion spring for winch, up to trunk diameter 65 cm	○	×	○	○	×	○	7
F0003971	Gripping tongs with coil spring to winch, up to log ø 80 cm.	○	×	○	○	×	○	8
F0002605	2-hook stripper for up to 1,000 kg, with a 1-m length of chain attached to the winch for optimum log handling	○	×	○	○	×	○	4
F0003978	Adapter, converter from 3-pin continuous current socket to 7-pin Euro plug for vehicle lighting	○	×	○	○	×	○	1

○ optional × not available ✓ standard equipment



Chassis HydroCombi 20, 22 and 26

Mobile use - even outside the house and yard.

! Only possible with original equipment, incl. installation.

Article no.	Name	Hydro-Combi 20, 22, 26	Weight ~ kg
SA (SO1008)	Surcharge for road chassis with rubber-sprung axle (80 km/h), ball-head coupling, overrun and parking brake, support wheel and lighting system. The chassis can be detached so that the machine can also be used with the standard Category three-point linkage. I + II. A prerequisite for use is the model classification of the machine and the acquisition of an individual type-approval certificate (AT) or an individual operating licence (DE).	O	250
YDE142	Individual operating licence, model classification for Austria / Germany HydroCombi, SplitMaster, Polly	O	1

O optional X not available ✓ standard equipment

ROAD CHASSIS (80 KM/H)



Simply transport your HydroCombi from A to B by car! Our optional road chassis with rubber linkage axle (80 km/h), ball head hitch, overrun and parking brake, support wheel and lighting system makes transporting your HydroCombi uncomplicated. To operate the HydroCombi with tractor drive, simply uncouple the chassis from the machine and start work immediately or operate the HydroCombi on the Cat. I + II three-point linkage. A prerequisite for use is the model classification of the machine and the acquisition of an individual type-approval certificate (AT) or an individual operating licence (DE). The chassis is also equipped with two support legs for safe uncoupling before working with the machine.

Accessory equipment HydroCombi 20, 22 and 26

For more power and comfort during producing firewood.

Article no.	Name	HydroCombi 20			HydroCombi 22, 26			Weight ~ kg
		Type PZG-R	Type E5.5D- 400-R	Type PZG-E5.5D- 400-R	Type PZG-R	Type E7.5D- 400-R	Type PZG-E7.5D- 400-R	
F0003357	Chainsaw holder for safe transport and practical storage of the chainsaw	O	O	O	O	O	O	3
F0002179	Operating hours counter with analogue display, suitable for machines with 400 V electric motor drive	X	O	O	X	O	O	1
F0001806	Operating hours counter with digital display of hours and PTO shaft speed, suitable for machines with tractor PTO shaft drive	O	X	O	O	X	O	1
Z2000636	Walterscheid W-Line drive shaft, suitable for HydroCombi 20 and 22	O	X	O	O	X	O	9
Z2000653	PTO shaft Walterscheid W-Line, suitable for HydroCombi 26	X	X	X	O	X	O	12

O optional X not available ✓ standard equipment

CHAINSAW MOUNT

For safe transport and practical storage of your chainsaw.



HOURLY METER

Would you like to rent out your machine or keep an eye on the operating time? A suitable operating hours counter is available for each drive variant, allowing you to read off the exact machine running time.



Retrofitting electric drive HydroCombi 20, 22, 26

For HydroCombi machines with tractor PTO drive from year of manufacture 2023. Enables the switch to a modern hybrid powertrain by incorporating an additional electric motor.

Article no.	Name	HydroCombi 20			HydroCombi 22, 26			Weight ~ kg
		Type PZG-R	Type E5.5D- 400-R	Type PZG-E5.5D- 400-R	Type PZG-R	Type E7.5D- 400-R	Type PZG-E7.5D- 400-R	
F0004895	Retrofitting for an additional electric drive, comprising a 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start and a motor protection switch with phase inverter and rotation field detection, an aluminium two-stage pump and other necessary accessories. Suitable for HydroCombi 16, 18 and 20 from model year 2023 with tractor PTO drive. Estimated installation time: 6 hours	○	×	✓	×	×	×	55
F0004896	Retrofitting for an additional electric drive, comprising a 7.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter and rotation field detection, aluminium double-stage pump and other necessary accessories. Suitable for HydroCombi 22, 24 and 26 from model year 2023 with tractor PTO drive. Estimated installation time: 6 hours	×	×	×	○	×	✓	72

○ optional × not available ✓ standard equipment



RETROFITTING FOR ELECTRIC DRIVE FOR HYDROCOMBI-MODELS MANUFACTURED FROM 2023 ONWARDS, TYPE PZG

Upgrade your HydroCombi 20, 22 or 26 from model year 2023 to a modern and reliable electric motor solution with the electric motor Retrofit kit, benefit from durable, low-maintenance technology that significantly enhances your machine's performance and flexibility.

The powerful electric motor is an efficient alternative to conventional drives. The kit includes a direct-start motor protection switch with phase inverter and rotating field detection for safe operation. Power is supplied via 3 x 400 V, 50 Hz, CEE 16 A – ideal for demanding applications. The Retrofit kit contains all the necessary accessories and is pre-assembled as far as possible!

Retrofitting Fixomatic 2.0 | Absorbers HydroCombi

For machines in the 'M' series (e.g. item no. MxxxxM) manufactured from 2010 onwards.

Article no.	Name	Hydro- Combi 20, 22, 26	Weight ~ kg
F0004981	Fixomatic 2.0 Retrofit kit with rollers, consisting of a movable lower wedge section with integrated grooves and rollers with grooves for the riving wedge. Suitable for HydroCombi 20, 22, 24 and 26, M series. Estimated installation time: 2 hours	○	15
F0004982	Retrofitting for left and right absorber, for cushioning the catching surfaces on the guard rail and log lifting device as non-slip padding and impact protection. The energy is absorbed and recoil of the split wood is minimised, which keeps the logs in a better position for further processing. Suitable for HydroCombi 13, 16, 18 and 20, M standard equipment. Estimated installation time: 3 hours	○	6
F0004983	Retrofit set for left and right absorbers, for cushioning the catching surfaces on the guard rail and log lifting device as non-slip pads and impact protection. The energy is absorbed, minimising any rebound of the split wood, which helps to keep the logs in position for further processing. Suitable for HydroCombi 22, 24 and 26. Estimated installation time: 3 hours	○	6

○ optional × not available ✓ standard equipment

**FURTHER INFORMATION ON FIXOMATIC 2.0
AND YOU'LL FIND ABSORBERS ON PAGE 57**



**FOR ME, PUTTING IT TOGETHER
IS LIKE PLAYING WITH LEGO –
FOR ‘REAL MEN’.**

GERD SCHLICHTING
HE HAS BEEN FITTING OUR HYDROCOM-
BIS FOR OVER 30 YEARS

Rope winch retrofit kit HydroCombi 20

Looking for a powerful helper that makes producing firewood more comfortable? POSCH winches can also be retrofitted. They pull every trunk effortlessly towards the machine, offering the benefits of a smooth start and gentle lowering in manual mode, automatic rope-end shut-off, and the winch can also be folded away for transport. For machines in the 'M' series (e.g. item no. MxxxxMR) manufactured from 2010 onwards, the 'L' series (e.g. item no. MxxxLR) manufactured from 2011 onwards, and the 'P' series (e.g. item no. MxxxxPR) manufactured from 2025 onwards.

To ensure that the winch is compatible with your machine, please check that the item number matches the one on your machine's type plate. Operation is only possible with a tractor PTO drive and a 3-pin 12 V continuous current socket is also required.

Article no.	Name	Type PZG-R	Type E5.5D- 400-R	Type PZG-E5.5D- 400-R	Weight ~ kg	
F0003861	'500' (HC) winch retrofit kit, hand-operated, 20 m rope, 500 kg Pulling force, rope pull-out speed: max. 80 cm/s. Suitable for HydroCombi models 16, 18 and 20, driven by a tractor PTO shaft. Estimated installation time: 6 hours	○	×	×	70	
F0003862	'500' (HC) winch retrofit kit, hand-operated, 20 m rope, 500 kg Pulling force, rope pull-out speed: max. 80 cm/s. Suitable for HydroCombi models 16, 18 and 20 with hybrid drive: Tractor PTO + electric motor. Estimated installation time: 6 hours	×	×	○	85	
F0003863	'750' (HW) winch retrofit kit, hand-operated, 40 m rope, 750 kg Traction force, rope pull-out speed: unlimited. Suitable for HydroCombi models 16, 18 and 20, driven by a tractor PTO shaft. Estimated installation time: 6 hours	○	×	×	126	
F0003864	'750' (HW) winch retrofit kit, hand-operated, 40 m rope, 750 kg Traction force, rope pull-out speed: unlimited. Suitable for HydroCombi models 16, 18 and 20 with hybrid drive : Tractor PTO + electric motor. Estimated installation time: 6 hours	×	×	○	145	
F0003865	'750' (FH) winch retrofit kit, radio-controlled and manually operated, 40 m of rope, 750 kg pulling force, handheld transmitter with standard batteries, rope extension— Unlimited speed. Suitable for HydroCombi models 16, 18 and 20, driven by the tractor PTO shaft. Estimated installation time: 6 hours	○	×	×	130	
F0003866	'750' (FH) winch retrofit kit, radio-controlled and manually operated, 40 m of rope, 750 kg pulling force, handheld transmitter with standard batteries, rope extension— Unlimited speed. Suitable for HydroCombi models 16, 18 and 20 with hybrid drive: Tractor PTO + electric motor. Estimated installation time: 6 hours	×	×	○	145	
H (SO1233)	Required extension for the 'H' winch retrofitting for Valve mounting, suitable for HydroCombi models 16, 18, 20, 22, 24 Turbo and 26 with existing hydraulic log lifting device (e.g. F0003861H). Estimated installation time: 1 hour	○	×	○	1	

○ optional × not available ✓ standard equipment

Retrofitting of winches: HydroCombi models

The winch is operated via the tractor PTO drive, which ensures reliable and powerful utilisation. For machines equipped with both drive variants - tractor PTO shaft and electric motor - winch operation is only possible when driven via the tractor PTO shaft in order to ensure optimum safety.



Important notes:

- A 3-pin 12 V continuous-current socket on the tractor is required for operation.
- To secure the winch to the column, it may be necessary – depending on the year of manufacture – to weld two brackets onto it.
- Estimated installation time: 6 hours.



Rope winch retrofit kit HydroCombi 22 and 26

Looking for a powerful helper that makes producing firewood more comfortable? POSCH winches can also be retrofitted. They pull every trunk effortlessly towards the machine, offering the benefits of a smooth start and gentle lowering in manual mode, automatic rope-end shut-off, and the winch can also be folded away for transport. For machines in the 'M' series (e.g. item no. MxxxxMR) manufactured from 2010 onwards, the 'L' series (e.g. item no. MxxxLR) manufactured from 2011 onwards, and the 'P' series (e.g. item no. MxxxxPR) manufactured from 2025 onwards.

To ensure that the winch is compatible with your machine, please check that the item number matches the one on your machine's type plate. Operation is only possible with a tractor PTO drive and a 3-pin 12 V continuous current socket is also required.

Article no.	Name	HydroCombi 22, 26			Weight ~ kg	
		Type PZG-R	Type E7.5D- 400-R	Type PZG- E7.5D-400-R		
F0003867	Retrofitting for winch "750" (HW), manually operated, 40 m cable, 750 kg pulling force, cable extension speed unlimited. Suitable for HydroCombi 22 and 26, driven by the tractor PTO shaft. Estimated installation time: 6 hours	○	×	×	130	
F0003868	'750' (HW) winch retrofit kit, hand-operated, 40 m rope, 750, kg pulling force, unlimited rope pay-out speed. With new motor position, clamping on the three-point. Suitable for HydroCombi 22 and 26 with hybrid drive: Tractor PTO + electric motor. Estimated installation time: 6 hours	×	×	○	145	
F0003869	'750' (FH) winch retrofit kit, radio-controlled and manually operated, 40 m rope, 750 kg pulling force, unlimited rope pay-out speed. Handheld transmitter with standard batteries. Suitable for HydroCombi 22 and 26 models driven by a tractor PTO shaft. Estimated installation time: 6 hours	○	×	×	130	
F0003870	Retrofitting for winch "750" (FH), radio and manually operated, 40 m cable, 750 kg pulling force, cable extension speed unlimited. With new motor position, clamping on the three-point. Handheld transmitter with standard batteries. Suitable for HydroCombi 22 and 26 with hybrid drive: Tractor PTO + electric motor. Estimated installation time: 6 hours	×	×	○	145	
H (S01233)	Required extension for the 'H' winch retrofitting for valve mounting, suitable for HydroCombi 16, 18, 20, 22, 24 Turbo and 26 with an existing hydraulic log lifting device (e.g. F0003861H). Estimated installation time: 1 hour	○	×	○	1	

○ optional × not available ✓ standard equipment

I worked for a year without using winches to save money. I soon regretted that. The radio operated winch was retrofitted in 2016 - what a revelation! I use my HydroCombi 22 often & happily! Thanks to the 40- cable of length 40 metres and its enormous pulling force, the winch can pull in even the thickest metre-long logs.

ERICH SEEMANN



HydroCombi 24 Turbo Overview

Drive		Tractor PTO shaft	Electric motor	Hybrid drive: Tractor PTO shaft
	Drive 1			
	Drive 2	-	-	Electric motor
	Type	PZG-Turbo	E7.5D-400-Turbo	PZG-E7.5D-400-Turbo
Basic model	Fixomatic 2.0	✓	✓	✓
	V2 Speed	✗	✗	✗
	Autospeed	✓	✓	✓
	Mechanical log lifting device	✓	✓	✓
	Adjustable splitting stroke	✓	✓	✓
	Grey cast iron pump	✓	✗	✓
	Aluminium pump	✗	✓	✓
	Two-stage pump	✗	✓	✓
	Three-point linkage Cat. I + II	✓	✓	✓
	hand-gearred trolley with support wheel	✗	✗	✗
	Non-slip floor grate	✓	✓	✓
Technical data	Splitting force max. t	24	24	24
	Log diameter max. cm	60	60	60
	Log length min. cm	55	55	55
	Log length max. cm	110	110	110
	Cylinder stroke max. mm	1000	1000	1000
	Splitting wedge length mm	300	300	300
	Weight kg	679	727	739
	Supply stage 1 (drive 1) cm/s	11	5	11
	Supply stage 2 (drive 1) cm/s	18	16	18
	Return drive 1 cm/s	42	38	42
	Supply stage 1 Drive 2 cm/s	-	-	5
	Supply stage 2 Drive 2 cm/s	-	-	16
	Return drive 2 cm/s	-	-	38
	Power specification electric motor S6 kW	-	7.5	7.5
	Average power consumption kWh*	-	2.5 - 4	2.5 - 4
	Motor protection switch / phase inverter	-	✓	✓
	Rotation field detection	-	✓	✓
	Star-delta start	-	✓	✓
	Mains power requirements	-	3x 400 V, 50 Hz, CEE 16 A	3x 400 V, 50 Hz, CEE 16 A
	Power requirement PTO kW	26	-	26
	PTO speed min. rpm	300 - 380	-	300 - 380
	PTO speed max. for 4 h rpm **	450	-	450
	Joint shaft required	Yes	-	Yes
	Power specification combustion engine	-	-	-
	Fuel consumption l/h	-	-	-
	Fuel tank capacity in litres	-	-	-
	Hydraulic oil tank capacity l	45	45	45
	Length transport / working position mm	1650 / 1585	1650 / 1585	1640 / 1585
	Width transport / working position mm	1060 / 1930	1040 / 1930	1040 / 1930
	Height transport / working position mm	2400 / 2655	2380 / 2655	2360 / 2655
Transport	hand-gearred trolley with support wheel	✗	✗	✗
	Transport device for PZG/PZG-E drive	✗	✗	✗
	Road chassis can be uncoupled	○	○	○
	Three-point linkage Cat. I + II	✓	✓	✓
Special equipment	Hydraulic log lifting device	○	○	○
	Road chassis (can be uncoupled)	○	○	○
	Winch 500 manual	✗	✗	✗
	Winch 750 manual/radio	○	✗	○
	Gripping tongs	○	○	○
	2-hook stripper	○	○	○
Accessory equipment	Transport device for PZG/PZG-E drive	✗	✗	✗
	Chainsaw mount	○	○	○
	Hour meter	○	○	○

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.
** For machine with winch max. 480

Basic model HydroCombi 24 Turbo ▶▶ Autospeed ▶▶ Turbo

The metre-long timber splitter with particularly fast return speed.

Article no.	Type	Name	Drive	Supply stage 1 cm / s	Supply stage 2 cm / s	Return Cm/s	Splitting force t	Weight ~ kg
M2450P	PZG-Turbo	HydroCombi 24, PZG-Turbo, upright splitter with 24 t splitting force, drive with tractor PTO shaft, required PTO shaft speed 300-380 rpm, power requirement 26 kW, grey cast iron pump, max. log length 110 cm, Fixomatic, Autospeed, mechanical log lifting device with wood flap, safety guard, stroke limiter, floor grate, three-point linkage Cat. I + II. PTO shaft required!		11	18	42	24	679
M2452P	E7.5D-400-Turbo	HydroCombi 24, E7.5D-400-Turbo, vertical log splitter with 24 t splitting force, driven by a 7.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter and rotation field detection, with aluminium two-stage pump, max. log length 110 cm, Fixomatic, Autospeed, mechanical log lifting device with wood flap, safety bar, lift limit, floor grating and three-point linkage, Cat. I + II.		5	16	38	24	727
M2454P	PZG-E7.5D-400-Turbo	HydroCombi 24, PZG-E7.5D-400-Turbo, vertical log splitter with 24 t splitting force, driven by tractor PTO shaft, required PTO speed 300-380 rpm, power requirement 26 kW with grey cast iron pump and driven by a 7.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter and rotation field detection, with aluminium two-stage pump, max. log length 110 cm, Fixomatic, Autospeed, mechanical log lifting device with wood flap, safety bar, lift limit, floor grating and three-point hitch Cat. I + II. PTO shaft required!		11	18	42	24	739
				5	16	38		

▶▶ Autospeed

On page **280**
learn all about
the advantages of the
Autospeed and Turbo-
s function!

▶▶ Turbo

HYDROCOMBI 24, PZG-TURBO



Special equipment HydroCombi 24 Turbo

 Only possible with original equipment, incl. installation.

Article no.	Name	Type PZG-Turbo	Type E7.5D-400- Turbo	Type PZG-E7.5D- 400-Turbo	Weight ~ kg
H (S01007)	Surcharge for hydraulic log lifting device with its own oil circuit and integrated valve. The standard mechanical lifting device is no longer required.	○	○	○	32

○ optional ✗ not available ✓ standard equipment



HYDRAULIC LOG LIFTING DEVICE

Another clever solution! The optional hydraulic log lifting device replaces the mechanical version and lifts the material to be split effortlessly into the splitting position. It enables precise control thanks to its own oil circuit and integrated valve.

Winches HydroCombi 24 Turbo

Powerful, hydraulically operated winches are convenient helpers for producing firewood. The POSCH winches score points with soft start and soft lowering for manual operation, automatic cable end cut-off and free cable extension on the "750" model. Bloch strip hooks included as standard. The winch can also be folded for transport.



Special equipment for original equipment incl. installation!

Article no.	Name	Type PZG-Turbo	Type E7.5D-400- Turbo	Type PZG-E7.5D- 400-Turbo	Weight ~ kg	
HW (SO1139)	Winch model "750", manually operated, 40 m cable, 750 kg pulling force, unlimited cable extension speed. A 3-pin 12 V continuous current socket is required on the tractor to operate a winch.	○	×	○ Not suitable for use with the electric motor!	128	
FH (SO1175)	Winch model "750", radio and manually operated, 40 m cable, 750 kg pulling force, unlimited cable extension speed, hand-held transmitter with standard batteries. A 3-pin 12 V continuous current socket is required on the tractor to operate a winch.	○	×	○ Not suitable for use with the electric motor!	128	
F0003962	Gripper with torsion spring for winch, up to trunk diameter 65 cm	○	×	○	7	
F0003971	Gripping tongs with coil spring to winch, up to log ø 80 cm.	○	×	○	8	
F0002605	2-hole bloch strip hook for up to 1,000 kg, chain to winch with a length of 1 m for optimum log pick-up	○	×	○	4	
F0003978	Adapter, converter from 3-pin continuous current socket to 7-pin Euro plug for vehicle lighting	○	×	○	1	

○ optional × not available ✓ standard equipment



**ALL THE BENEFITS AND
INFORMATION ON THE
YOU CAN FIND WINCH-
ES
ON PAGE 55!**



Running gear HydroCombi 24 Turbo

Mobile use - even outside the house and yard.

! Only possible with original equipment, incl. installation.

Article no.	Name	Type PZG-Turbo	Type E7.5D-400- Turbo	Type PZG-E7.5D- 400-Turbo	Weight ~ kg	
SA (SO1008)	Surcharge for road chassis with rubber-sprung axle (80 km/h), ball-head coupling, overrun and parking brake, support wheel and lighting system. The chassis can be detached so that the machine can also be used with the standard Category three-point linkage. I + II. A prerequisite for use is the model classification of the machine and the acquisition of an individual type-approval certificate (AT) or an individual operating licence (DE).	○	○	○	250	
YDE142	Individual operating licence, model classification for Austria / Germany HydroCombi, SplitMaster, Polly	○	○	○	1	

○ optional ✗ not available ✓ standard equipment

ROAD CHASSIS (80 KM/H)



Simply transport your HydroCombi from A to B by car!

Our optional road chassis with rubber linkage axle (80 km/h), ball head hitch, overrun and parking brake, support wheel and lighting system makes transporting your HydroCombi uncomplicated. To operate the HydroCombi with tractor drive, simply uncouple the chassis from the machine and start work immediately or operate the HydroCombi on the Cat. I + II three-point linkage. A prerequisite for use is the model classification of the machine and the acquisition of an individual type-approval certificate (AT) or an individual operating licence (DE). The chassis is also equipped with two support legs for safe uncoupling before working with the machine.

Accessory equipment HydroCombi 24 Turbo

For more power and comfort during producing firewood.

Article no.	Name	Type PZG-Turbo	Type E7.5D-400- Turbo	Type PZG-E7.5D- 400-Turbo	Weight ~ kg	
F0003357	Chainsaw holder for safe transport and practical storage of the chainsaw	○	○	○	3	
F0002179	Hour meter with analogue display, suitable for machines with an electric motor drive of 400 V	✗	○	○	1	
F0001806	Operating hours counter with digital display of hours and PTO shaft speed, suitable for machines with tractor PTO shaft drive	○	✗	○	1	
Z2000653	Walterscheid W-Line universal joint shaft	○	✗	○	12	

○ optional ✗ not available ✓ standard equipment

CHAINSAW MOUNT

For safe transport and practical storage of your chainsaw.



HOUR METER

Would you like to rent out your machine or keep an eye on the operating time? A suitable operating hours counter is available for each drive variant, allowing you to read off the exact machine running time.



Retrofitting HydroCombi 24 Turbo electric drive

For HydroCombi machines with tractor PTO drive from year of manufacture 2023. Enables the switch to a modern hybrid powertrain by incorporating an additional electric motor.

Article no.	Name	Type PZG-Turbo	Type E7.5D-400- Turbo	Type PZG-E7.5D- 400-Turbo	Weight ~ kg
F0004896	Retrofitting for an additional electric drive, consisting of electric motor 7.5 kW, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter and rotating field detection, aluminium double-stage pump and other necessary accessories. Suitable for HydroCombi 22, 24 Turbo and 26 from model year 2023 with tractor PTO drive. Estimated installation time: 6 hours	○	✗	✓	72

○ optional ✗ not available ✓ standard equipment



RETROFITTING FOR ELECTRIC DRIVE FOR HYDROCOMBI-MODELS MANUFACTURED FROM 2023 ONWARDS, TYPE PZG

Upgrade your HydroCombi 24 from model year 2023 to a modern and reliable electric motor solution with the electric motor Retrofit kit! Benefit from durable, maintenance-friendly technology that significantly increases the performance and flexibility of your machine.

The powerful electric motor is an efficient alternative to conventional drives. The kit includes a direct-start motor protection switch with phase inverter and rotating field detection for safe operation. Power is supplied via 3 x 400 V, 50 Hz, CEE 16 A – ideal for demanding applications. The Retrofit kit contains all the necessary accessories and is pre-assembled as far as possible!

Retrofitting Fixomatic 2.0 | Absorbers HydroCombi

For HydroCombi machines from model year 2010, "M" series (e.g. article no. MxxxxM).

Article no.	Name	Type PZG-Turbo	Type E7.5D-400- Turbo	Type PZG-E7.5D- 400-Turbo	Weight ~ kg
F0004981	Fixomatic 2.0 retrofit kit with rollers, comprising a movable lower knife section with integrated grooves and rollers with grooves for the splitting wedge. Suitable for HydroCombi 20, 22, 24 Turbo, and 26, M series. Estimated installation time: 2 hours	○	○	○	15
F0004983	Retrofitting for left and right absorber, for cushioning the catching surfaces on the guard rail and log lifting device as non-slip padding and impact protection. The energy is absorbed and recoil of the split wood is minimised, which keeps the logs in a better position for further processing. Suitable for HydroCombi 22, 24 Turbo and 26, M standard equipment. Estimated installation time: 3 hours	○	○	○	6

○ optional ✗ not available ✓ standard equipment

RETROFIT KIT FIXOMATIC WITH ROLLERS

For easier splitting of fibrous or soft wood. The grooved rollers for the splitting wedge ensure precise guidance during the splitting process, thereby enhancing the operator's safety.



ABSORBER RETROFIT KIT LEFT AND RIGHT



Retrofitting winch HydroCombi 24 Turbo

Looking for a powerful helper that makes producing firewood more comfortable? POSCH winches can also be retrofitted. They pull every trunk effortlessly towards the machine, offering the benefits of a smooth start and gentle lowering in manual mode, automatic rope-end shut-off, and the winch can also be folded away for transport. For machines in the 'M' series (e.g. item no. MxxxxMR) manufactured from 2010 onwards, the 'L' series (e.g. item no. MxxxLR) manufactured from 2011 onwards, and the 'P' series (e.g. item no. MxxxxPR) manufactured from 2025 onwards.

To ensure that the winch is compatible with your machine, please check that the item number matches the one on your machine's type plate. Operation is only possible with a tractor PTO drive and a 3-pin 12 V continuous current socket is also required.

Article no.	Name	Type PZG-Turbo	Type E7.5D-400- Turbo	Type PZG-E7.5D- 400-Turbo	Weight ~ kg	
F0004074	'750' (HW) winch retrofit kit, hand-operated, 40 m rope, 750 kg pulling force, unlimited rope pay-out speed. Suitable for the HydroCombi Model 24 Turbo with tractor PTO shaft. Estimated installation time: 6 hours	○	×	×	130	
F0004075	Retrofitting for winch "750" (HW), manually operated, 40 m cable, 750 kg pulling force, cable extension speed unlimited. With new motor position, clamping on the three-point. Suitable for HydroCombi model 24 Turbo with hybrid drive: Tractor PTO + electric motor. Estimated installation time: 6 hours	×	×	○	145	
F0004091	'750' (FH) winch retrofit kit, radio-controlled and manually operated, 40 m rope, 750 kg pulling force, unlimited rope pay-out speed. Handheld transmitter with standard batteries. Suitable for the HydroCombi 24 Turbo with tractor PTO shaft. Estimated installation time: 6 hours	○	×	×	130	
F0004227	'750' (FH) winch retrofit kit, radio-controlled and manually operated, 40 m rope, 750 kg pulling force, unlimited rope pay-out speed. With new motor position, clamping on the three-point. Handheld transmitter with standard batteries. Suitable for the HydroCombi 24 Turbo with hybrid drive: Tractor PTO + electric motor. Estimated installation time: 6 hours	×	×	○	145	
H (SO1233)	Extension for the 'H' winch retrofitting for valve mounting. Suitable for HydroCombi 16, 18, 20, 22, 24 Turbo and 26 models fitted with an existing hydraulic log lifting device (e.g. F0003861H). Estimated installation time: 1 hour	○	×	○	1	

○ optional × not available ✓ standard equipment

Retrofitting of winches: HydroCombi models

The winch is operated via the tractor PTO drive, which ensures reliable and powerful utilisation. For machines equipped with both drive variants - tractor PTO shaft and electric motor - winch operation is only possible when driven via the tractor PTO shaft in order to ensure optimum safety.



Important notes:

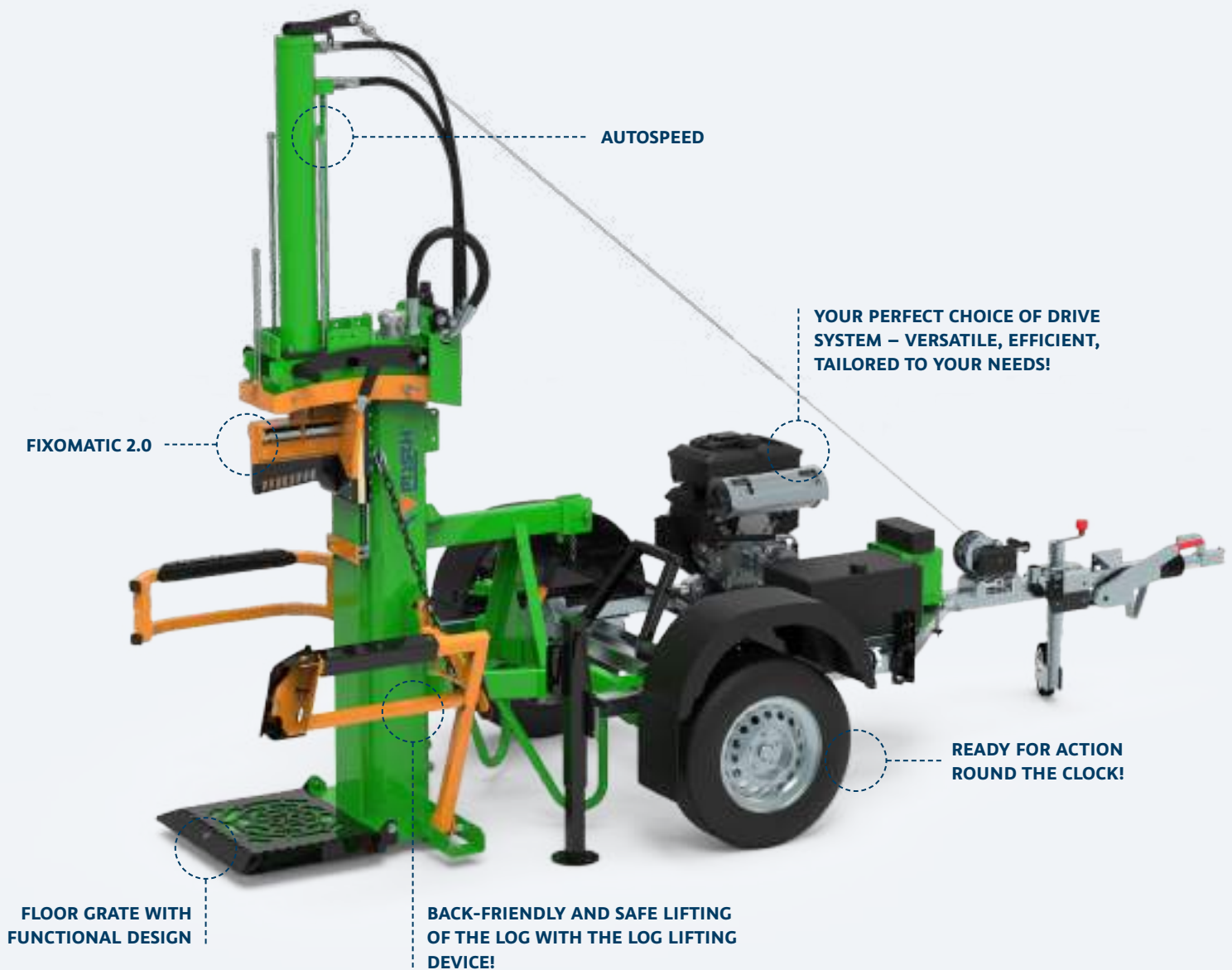
- A 3-pin 12 V continuous-current socket on the tractor is required for operation.
- Depending on the year of manufacture, it may be necessary to weld two brackets onto the column to support the winch.
- Estimated installation time: 6 hours.

HydroCombi with chassis

► Autospeed

Here you see the following configuration example:

Item no: M6248PSAR HydroCombi 20, B16.4-D-R-PKW



TRUNK Ø
max. 50 cm



LOG LENGTH
max. 110 cm



SPLITTING FORCE
max. 22 t



SUPPLY/RETURN
22 | 19,, cm/s



PROCESSING VOLUME
more than 20 cubic
metres / year



WEIGHT
at least 509 kg

Highlights



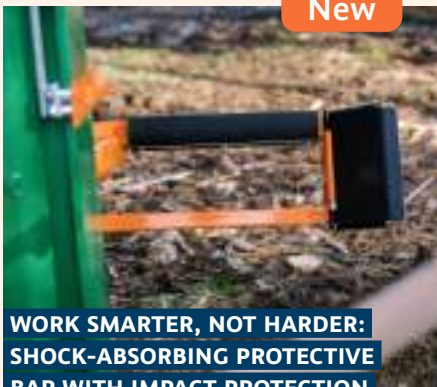
FIXOMATIC 2.0

The two-part splitting blade (Fixomatic system) securely holds the wood in place for the splitting process – without the need for any fiddly holding. The lower wedge also fixes thin or angled wood without any problems, and the wedge is conveniently released at operating height. Incorporated, patented grooves on this part of the wedge make it easier to split fibrous or soft wood, prevent slipping and interlock. In addition, the tried-and-tested wood holding tip on the wedge guide ensures an even better grip. As soon as the splitting process is triggered, the upper wedge moves towards the fixed wedge holder and pushes the splitting wedge through the wood. Grooves in the upper part of the wedge guarantee precise guidance during the splitting process and thus increase the operator's safety.



SAFE AND BACK-FRIENDLY INSTALLATION OF LOGS USING THE LOG LIFTING DEVICE

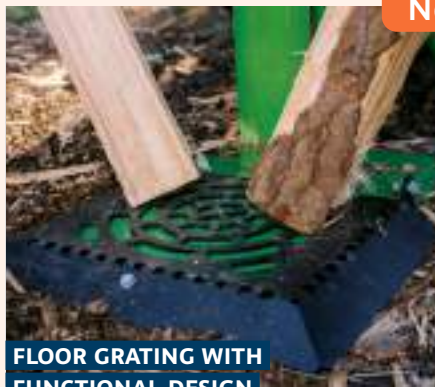
The HydroCombi brings heavy logs into the right position almost by itself. The standard mechanical log-lifting device straightens the logs comfortably and gently. The wood flap attached to it prevents the log from slipping or falling over during lifting. To make it easier to roll the log onto the log lifting device, it can be folded away in a single movement. The cushioned catching surface acts as a non-slip pad and impact protection, absorbs the energy of the split wood and minimises bounce-back. This keeps the logs in position for further processing and prevents them from falling towards the operator. Optional winches make your work even easier.



WORK SMARTER, NOT HARDER: SHOCK-ABSORBING PROTECTIVE BAR WITH IMPACT PROTECTION

The new safety guard prevents the split wood from falling over and also serves as a practical intermediate storage space. Thanks to innovative technology, bent and damaged protective bars are a thing of the past.

Under heavy loads, the new safety bar swings downwards and backwards, providing additional energy-absorbing impact protection that minimises the rebound of the logs. A practical sapper holder is also integrated. If the winch is retrofitted, the safety guard can be easily folded down. This increases the working area for operating the winch.



FLOOR GRATING WITH FUNCTIONAL DESIGN

In combination with the Fixomatic System 2.0, the special, further developed shape of the floor grid provides an optimum base, and secure hold for your log. It ensures greater stability and, consequently, greater safety and comfort when loading or splitting wood. The floor grating can be folded up for easy cleaning; all you need to do is loosen a single screw.

▶ Autospeed

On page **280**, you can find out all about the benefits of the Autospeed function!

HydroCombi with chassis Overview

HydroCombi		13 Chassis			16 Chassis	20 Chassis	22 Chassis
Drive	Drive 1	Petrol engine	Electric motor	Electric motor	Petrol engine	Petrol engine	diesel engine
	Type	B5,5D-V2	E5.5-400-V2	E5.5D-400-V2	B10.4D-R passenger car	B16.4-R passenger car	D19-R-Passenger Car
Basic model	Fixomatic 2.0	✓	✓	✓	✓	✓	✓
	V2 Speed	✓	✓	✓	✗	✗	✗
	Autospeed	○	○	○	✓	✓	✓
	Mechanical log lifting device	✓	✓	✓	✓	✓	✓
	Adjustable splitting stroke	✓	✓	✓	✓	✓	✓
	Aluminium pump	✓	✓	✓	✓	✓	✓
	Two-stage pump	✓	✗	✓	✓	✗	✗
	Non-slip floor grate	✓	✓	✓	✓	✓	✓
	Body mounted on a longitudinal chassis	✓	✓	✓	✓	✓	✓
Technical Data	Splitting force max. t	13	13	13	16	20	22
	Minimum log diameter (cm)	8	8	8	8	8	8
	Log diameter max. cm	45	45	45	50	50	50
	Log length min. cm	55	55	55	55	55	55
	Log length max. cm	110	110	110	110	110	110
	Cylinder stroke max. mm	1000	1000	1000	1000	1000	1000
	Splitting wedge length mm	240	240	240	240	300	300
	Weight kg	517	509	529	777	929	1229
	Supply stage 1 (drive 1) cm/s	3	5	4	3	6	6
	Supply stage 2 (drive 1) cm/s	22	10	22	16	13	14
	Return drive 1 cm/s	19	9	19	14	11	12
	electric motor, S6 kW, power rating	-	5.5	5.5	-	-	-
	Average Power consumption (kWh)*	-	2–3	2–3	-	-	-
	Motor protection switch	-	✓	✓	-	-	-
	Phase inverter	-	✓	✓	-	-	-
	Rotation field detection	-	✗	✓	-	-	-
	Mains power requirements	-	3x 400 V, 50 Hz, CEE 16 A	3x 400 V, 50 Hz, CEE 16 A	-	-	-
	internal combustion engine power rating	5.5 kW / 7.5 hp	-	-	10.4 kW / 14.1 HP	16.4 kW / 22.3 HP	19 kW / 25.8 HP
	Fuel consumption l/h	1.0 – 1.5	-	-	2.0 – 2.5	3.0 – 3.5	2.0 – 2.5
	Fuel tank capacity in litres	4.1	-	-	5.7	7.9	30
	Hydraulic oil tank capacity l	18	18	18	38	38	43
	Length, transport/working position mm	3100 / 3070	3030 / 2980	3000 / 3000	3500 / 3450	3500 / 3500	3800 / 3800
	Width, transport/working position mm	1330 / 1300	1250 / 1260	1260 / 1260	1700 / 1730	1700 / 1750	1700 / 1700
	Height, transport/working position, mm	1920 / 1860	1900 / 1840	1860 / 1860	1950 / 1920	1970 / 1950	2270 / 2270
Transport	Road chassis fixed with:	✓	✓	✓	✓	✓	✓
	Hydraulic swivel assist	✓	✓	✓	✗	✗	✗
	Swivel assist with hand-operated winch	✗	✗	✗	✓	✓	✓
Special equipment	Hydraulic log lifting device	✗	✗	✗	○	○	○
	Additional drive with an electric motor	○	✗	✗	○	○	✗
	Parking brake	○	○	○	✓	✓	✓
	A support wheel instead of a support leg	○	○	○	✓	✓	✓
Accessory equipment	Chainsaw mount	○	○	○	○	○	○
	Hour meter	○	○	○	○	○	✗

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.
 ** For machine with winch max. 480

Basic model HydroCombi 13 chassis ► V2 Speed

The full-length log splitter for mobile use.

Article no.	Type	Name	Drive	Supply stage 1 cm / s	Supply stage 2 cm / s	Return Cm/s	Split- ting force t	Weight ~ kg
M2823PS	B5.9D-V2	HydroCombi 13, B5.9D-V2, vertical log splitter with 13 t splitting force, mounted on a rubber-sprung axle (80 km/h, unbraked) with ball-head coupling, support leg, lighting system; the log splitter can be performed hydraulic swivelling into the working position. Drive powered by a 5.9 kW petrol engine, recoil starter, aluminium two-stage pump, max. log length 110 cm, Fixomatic, V2 Speed, mechanical log lifting device with log flap, safety bar, lift limiter, floor grating		3	22	19	13	517
M2820PS	E5.5-400-V2	HydroCombi 13, E5.5-400-V2, vertical log splitter with 13 t splitting force, mounted on a rubber-sprung axle (80 km/h, unbraked) with ball-head coupling, support leg, lighting system; the log splitter can be swivelled hydraulically into the working position. Drive with 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter, aluminium pump, max. log length 110 cm, Fixomatic, V2 Speed, mechanical log lifting device with wood flap, safety bar, lift limit, floor grating		5	10	9	13	509
M2821PS	E5.5D-400-V2	HydroCombi 13, E5.5D-400-V2, vertical log splitter with a splitting force of 13, tonnes, mounted on a rubber-sprung axle (80, km/h, unbraked) with a ball-head coupling, support leg, lighting system; the log splitter can be performed hydraulic swivelling into the working position. Drive with 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter and rotation field detection, aluminium two-stage pump, max. log length 110 cm, Fixomatic, V2 Speed, mechanical log lifting device with wood flap, safety bar, lift limit, floor grating		4	22	19	13	529



GREAT AT WORK – FLEXIBLE WHEN IT COMES TO STORAGE AND TRANSPORT

For storage and transport of the HydroCombi, the cylinder can be lowered to reduce the overall height of the machine. Once the work is done, the hydraulic swivel cylinder ensures that the machine is effortlessly moved into the horizontal transport position. This allows the machine to be stored in a compact manner.



► V2 Speed

On page **280**, you can find out all about the benefits of the V2 Speed function!

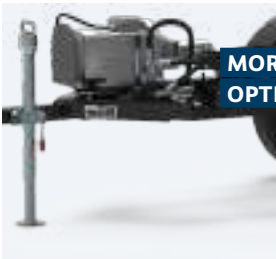
Special equipment HydroCombi 13 chassis



Only possible with original equipment, incl. installation.

Article no.	Name	Type B5.9D-V2	Type E5.5- 400-V2	Type E5.5D- 400-V2	Weight ~ kg	
ED (SO1003)	Surcharge for additional electric drive, comprising a 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, S6, CEE 16 A and a direct-start motor protection switch with phase inverter and rotation field detection, aluminium two-stage pump, item compatible with machine M2823PS	O	X	X	30	
R (SO1001)	Autospeed surcharge for the automatic selection of the optimum shearing speed and the required splitting force	O	O	O	6	
X (SO1004)	Surcharge for a support wheel instead of a support leg, to make the HydroCombi easier to manoeuvre	O	O	O	1	
B (SO1005)	Surcharge for parking brake including support wheel (= Option X) for added comfort and even greater safety	O	O	O	24	

O optional X not available ✓ standard equipment



MORE FLEXIBLE AND COMFORTABLE THANKS TO OPTIONAL ELECTRIC MOTOR FOR YOUR HYDROCOMBI

In addition to the petrol engine, an optional 5.5 kW electric motor provides further flexibility and energy efficiency. This drive is perfectly matched to your HydroCombi and corresponds to item number M2823PS.

Autospeed

On page 280, you can find out all about the benefits of the Autospeed function!

PARKING BRAKE FOR THE HYDROCOMBI 13 CHASSIS

For added comfort and safety, we offer special equipment for the HydroCombi 13 with chassis. When used in combination with the ' ' and Option B, you'll enjoy even better handling – perfect for any situation.



CHASSIS EQUIPMENT INCLUDING A SUPPORT WHEEL INSTEAD OF A SUPPORT LEG!

Would you prefer a support wheel rather than a support leg, so that you can manoeuvre the machine more easily? Option X is available for this purpose.

Chassis HydroCombi 13

Mobile use - even outside the house and yard.



Only possible with original equipment, incl. installation.

Article no.	Name	Type B5.9D-V2	Type E5.5- 400-V2	Type E5.5D- 400-V2	Weight ~ kg	
YDE142	Individual operating licence, model classification for Austria/Germany: HydroCombi, SplitMaster, Polly	O	O	O	1	

O optional X not available ✓ standard equipment

Accessory equipment HydroCombi 13 chassis

For more power and comfort during producing firewood.

Article no.	Name	Type B5.9D-V2	Type E5.5- 400-V2	Type E5.5D- 400-V2	Weight ~ kg	
F0003463	Chainsaw holder for safe transport and practical storage of the chainsaw	○	○	○	5	
F0001482	Operating hours counter with digital display, suitable for machines with petrol engine drive	○	✗	✗	1	
F0002179	Hour meter with analogue display, suitable for machines with an electric motor drive of 400 V	✗	○	○	1	

○ optional ✗ not available ✓ standard equipment

CHAINSAW MOUNT

For safe transport and practical storage of your chainsaw.



HOUR METER

Would you like to rent out your machine or keep an eye on the operating time? A suitable operating hours counter is available for each drive variant, allowing you to read off the exact machine running time.



Retrofitting Fixomatic 2.0 | Absorbers HydroCombi

Suitable for machines manufactured from 2010 onwards, e.g. item no. MxxxMR

Article no.	Name	Type B5.9D-V2	Type E5.5- 400-V2	Type E5.5D- 400-V2	Weight ~ kg	
F0004979	Fixomatic retrofit kit with rollers, comprising a movable Knife base with integrated grooves and rollers with grooves for the splitting wedge. Estimated installation time: 2 hours Suitable for HydroCombi 13 models manufactured from 2010 onwards	○	○	○	15	
F0004982	Retrofit set for left and right absorbers, for cushioning the catching surfaces on the guard rail and log lifting device as non-slip pads and impact protection. The energy is absorbed, minimising any rebound of the split wood, which helps to keep the logs in position for further processing. Estimated installation time: 3 hours Suitable for HydroCombi 13, 16, 18 and 20 models manufactured from 2010 onwards.	○	○	○	6	

○ optional ✗ not available ✓ standard equipment

RETROFIT KIT FIXOMATIC WITH ROLLERS

For easier splitting of fibrous or soft wood. The grooved rollers for the splitting wedge ensure precise guidance during the splitting process, thereby enhancing the operator's safety.



ABSORBER LEFT AND RIGHT RETROFIT KIT



Basic model HydroCombi 16, 20 and 22 chassis ▶▶ Autospeed

The full-length log splitter for mobile use.

Article no.	Type	Name	Drive	Supply stage 1 cm / s	Supply stage 2 cm / s	Return Cm/s	Splitting force t	Weight ~ kg
M6203PSAR	B10.4D – R-PKW	HydroCombi 16, B10.4D-R-PKW, vertical log splitter with 16 t splitting force, mounted on a rubber-sprung axle (80 km/h, overrun brake) with ball-head coupling, parking brake, support wheel, two support legs and lighting system. The splitter, fitted with a hand winch, can be operated by swivelling it into the working position. Petrol engine drive, 10.4 kW, recoil starter, aluminium two-stage pump, max. log length 110 cm, Fixomatic, Autospeed, mechanical log lifting device with wood flap, safety bar, lift limiter, floor grating		3	16	14	16	777
M6248PSAR	B16.4-R passenger car	HydroCombi 20, B16.4-R-PKW, vertical log splitter with 20 t splitting force, mounted on a rubber-sprung axle (80 km/h, overrun brake) with ball-head coupling, parking brake, support wheel, two support legs and lighting system. The splitter, fitted with a hand winch, can be operated by swivelling it into the working position. Petrol engine drive (16.4 kW), electric starter, aluminium pump, max. log length 110 cm, Fixomatic, Autospeed, mechanical log lifting device with wood flap, safety bar, lift limit, floor grating		6	13	11	20	929
M6349PSAR	D19-R-Passenger Car	HydroCombi 22, D19-R-PKW, vertical log splitter with 22 t splitting force, mounted on a rubber-sprung axle (80 km/h, overrun brake) with ball-head coupling, parking brake, support wheel, two support legs and lighting system. Splitter with hand winch, swivelling between working position. Driven by a 19 kW diesel engine, electric starter, aluminium pump, max. log length 110 cm, Fixomatic, Autospeed, mechanical log lifting device with wood flap, safety bar, lift limiter, floor grating		6	14	12	22	1229
YF187		HydroCombi 16 / 20 / 22 chassis freight costs Valid exclusively for deliveries to Austria and Germany.						
YDI141		Commissioning AT / DE						



BIG ON PERFORMANCE, COMPACT DURING STORAGE AND TRANSPORT

Once the work is done, simply actuate the hand-operated winch attached to the chassis axle to swing the HydroCombi back into the transport position. This allows the machine to be stored in a compact manner.



▶▶ Autospeed

On page **280**, you can find out all about the benefits of the Autospeed function!

Special equipment HydroCombi 16, 20 and 22 chassis

! Only possible with original equipment, incl. installation.					
Article no.	Name	Type B10.4D – R-PKW	Type B16.4– R-Passen- ger Car	Type D19– R-Passen- ger Car	Weight ~ kg
ED (S01281)	Surcharge for an additional electric drive, comprising a 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, S6, CEE 16 A and a direct-start motor protection switch with phase inverter and rotation field detection, an aluminium two-stage pump and other necessary accessories. Suitable for machines M6203PSAR, M6248PSAR	○	○	×	30
H (S01536)	Surcharge for hydraulic log lifting device with its own oil circuit and integrated valve. The standard mechanical lifting device is no longer required.	○	○	○	32

○ optional × not available ✓ standard equipment

HYDRAULIC LOG LIFTING DEVICE



Another clever solution! The optional hydraulic log lifting device replaces the mechanical version and lifts the material to be split effortlessly into the splitting position. It enables precise control thanks to its own oil circuit and integrated valve.

MAXIMUM FLEXIBILITY AND COMFORT: OPTIONAL ELECTRIC MOTOR FOR YOUR HYDROCOMBI



Enjoy even greater comfort alongside the powerful petrol engine drive. For added flexibility, we offer the option – at an additional cost – to include a 5.5 kW electric motor (3 x 400 V, 50 Hz, S6, CEE 16 A) and a direct-start motor protection switch with a phase inverter and rotation field detection as part of the standard equipment. This drive is perfectly matched to your HydroCombi and is compatible with item numbers M6203PSAR and M6248PSAR – for more efficient use and optimised workflows.

Chassis HydroCombi 16, 20 and 22

Mobile use – even outside the house and yard.

! Only possible with original equipment, incl. installation.					
Article no.	Name	Type B10.4D – R-PKW	Type B16.4– R-Passen- ger Car	Type D19– R-Passen- ger Car	Weight ~ kg
YDE142	Individual operating licence, model classification for Austria/Germany: HydroCombi, SplitMaster, Polly	○	○	○	1

○ optional × not available ✓ standard equipment

Accessory equipment HydroCombi 16, 20 and 22 chassis

For more power and comfort during producing firewood.

Article no.	Name	Type B10.4D – R-PKW	Type B16.4- R-Passen- ger Car	Type D19- R-Passen- ger Car	Weight ~ kg	
F0003463	Chainsaw holder for safe transport and practical storage of the chainsaw	○	○	○	5	
F0001482	Operating hours counter with digital display, suitable for machines with petrol engine drive	○	○	✗	1	
F0002179	Hour meter with analogue display, suitable for machines with an electric motor drive of 400 V	○ Only pos- sible on the machine if the ED option is selected!	○ Only pos- sible on the machine if the ED option is selected!	✗	1	

○ optional ✗ not available ✓ standard equipment

CHAINSAW MOUNT

For safe transport and practical storage of your chainsaw.



HOURLY METER

Would you like to rent out your machine or keep an eye on the operating time? A suitable operating hours counter is available for each drive variant, allowing you to read off the exact machine running time.



Retrofitting Fixomatic 2.0 | Absorbers HydroCombi

Suitable for machines manufactured from 2010 onwards, e.g. item no. MxxxMR

Article no.	Name	Type B10.4D – R-PKW	Type B16.4– R-Passen- ger Car	Type D19– R-Passen- ger Car	Weight ~ kg	
F0004980	Fixomatic retrofit kit with rollers, comprising a movable lower knife section with integrated grooves and rollers with grooves for the splitting wedge. Estimated installation time: 2 hours Suitable for HydroCombi 16 and 18 models manufactured from 2010 onwards.	O	X	X	15	
F0004981	Fixomatic retrofit kit with rollers, comprising a movable lower knife section with integrated grooves and rollers with grooves for the splitting wedge. Estimated installation time: 2 hours Suitable for HydroCombi 20, 22, 24 Turbo and 26 models manufactured from 2010 onwards.	X	O	O	15	
F0004982	Retrofit set for left and right absorbers, for cushioning the catching surfaces on the guard rail and log lifting device as non-slip pads and impact protection. The energy is absorbed, minimising the rebound of the split wood, which helps the logs to remain in position for further processing. Estimated installation time: 3 hours Suitable for HydroCombi 13, 16, 18 and 20 models manufactured from 2010 onwards.	O	O	X	6	
F0004983	Retrofit set for left and right absorbers, for cushioning the catching surfaces on the guard rail and log lifting device as non-slip pads and impact protection. The energy is absorbed and the rebound of the split wood is minimised, ensuring that the logs remain in position for further processing. Estimated installation time: 4 hours Suitable for HydroCombi 22, 24 Turbo and 26 models manufactured from 2010 onwards.	X	X	O	6	

O optional X not available ✓ standard equipment

FIXOMATIC RETROFIT KIT WITH ROLLERS

For easier splitting of fibrous or soft wood. The grooved rollers for the splitting wedge ensure precise guidance during the splitting process, thereby enhancing the operator's safety.



ABSORBER RETROFIT KIT LEFT AND RIGHT



Ferdinand

A clever little button

For almost 80 years, POSCH has been developing powerhouse machines that make heavy firewood work easier. Now, an innovative product is reviving the company founder's pioneering spirit and revolutionising log splitting:
Hello Ferdinand!

Ferdinand combines tradition with the latest control system, taking wood splitting to a whole new level. Today's Ferdinand is smart and a true pioneer in the field of firewood processing! Connected, reliable and efficient – whilst remaining deeply rooted in our values.

Just as Ferdinand once set an example: Innovative and pioneering.
With the new Ferdinand, we're bringing together the past and the future to make your work easier, faster and smarter!
Are you ready?

Ferdinand



in action!



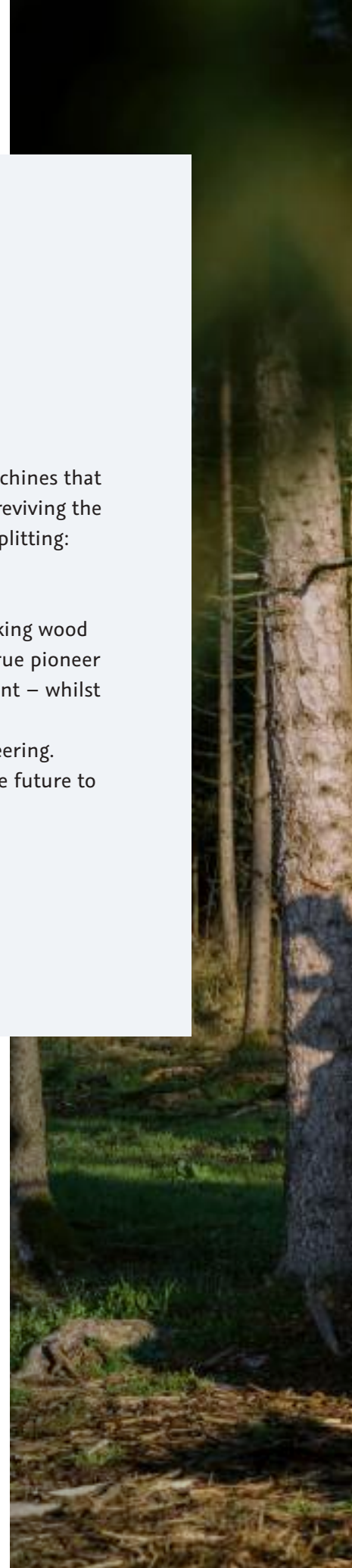
SPLITTER
standing



TRUNK Ø
max. 60 cm



PRODUCES
Short and metre-length
timber





Ferdinand

► Autospeed

Here you see the following configuration example:

Item no: M6274FHR Ferdinand 22, PZG-E7.5D-400

WINCH INCLUDED

A LARGER WORKSPACE,
GREATER FREEDOM, GREATER
COMFORT

TOUCH ENCODER STANDARD;
ADJUSTABLE SPLITTING STROKE

INNOVATIVE SPLITTING
WEDGE AS STANDARD

FIXOMATIC 2.0

GOODBYE TO TWO-
HANDED GEAR
CHANGES – HELLO
TO THE PUSH OF A
BUTTON!

OPTIONAL

Short-log table.
See page 97 for more
information



BASE PLATE WITH A
FUNCTIONAL DESIGN

CUSHION FOR
COMFORTABLE
WORKING



TRUNK Ø
max. 60 cm



LOG LENGTH
max. 110 cm



SPLITTING FORCE
max. 26 t



SUPPLY/RETURN
23 | 20,, cm/s



PROCESSING VOLUME
more than 20 cubic
metres / year



WEIGHT
at least 995 kg

Highlights

GOODBYE TO TWO-HAND SHIFTING – AT THE TOUCH OF A BUTTON – OLÉ!

Ferdinand can be operated with just one hand:

At the touch of a button, the machine performs automatic splitting of the trunks, leaving both your hands free during the splitting process so you can use the time for other tasks, such as preparing new trunks or stacking the split wood. A photoelectric sensor detects whether a person is in the danger zone or the splitting area. The splitting process is only triggered once you have left this area – this ensures safety while you work. With Ferdinand's innovative one-handed operation, you'll save time and perform splitting more safely and with less fatigue. Alternatively, you can also operate Ferdinand using the existing two-handed controls.



TOUCH ENCODER STANDARD



The modern control unit with a high-resolution display enables smart communication with Ferdinand: Display of daily and total hours, oil temperature, PTO speed and cutting pressure, as well as the option to switch the work lights on or off.

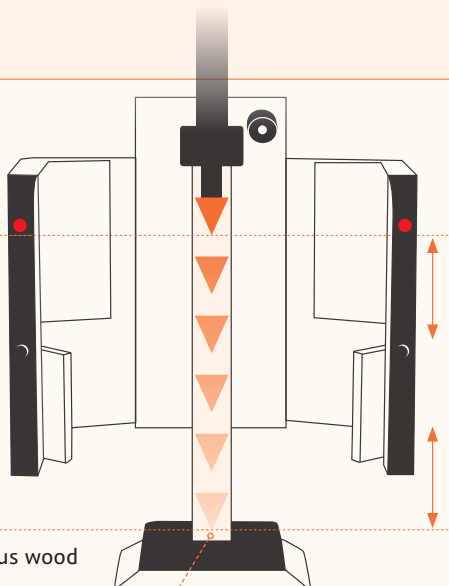
Thanks to the touch encoder, the desired splitting stroke for the appropriate log length can be set or reset with just one click and is saved for future splitting processes.

If the optional splitting table is used, Ferdinand detects it automatically and adjusts the splitting stroke length accordingly. Another feature is the built-in USB connection, which you can use.

ADJUSTABLE SPLITTING STROKE

New
max. 115 cm

New
at least 5 cm
perfect for fibrous wood



Upper position
adjustable from
5 to 115 cm (in 5 cm
increments)



lower position
adjustable from 5
to 105 cm (in 5 cm
increments)

Idle travel is wasted time – our adjustable splitting stroke can significantly reduce it. Just one click is all it takes: To do this, position the splitting blade at the desired height; simply double-click the TouchEncoder to save this blade position, which will then serve as the end position for the return stroke. By default, the splitting blade moves all the way down.

The splitting stroke can be set or adjusted in both directions using the TouchEncoder (an electronic control system). If the splitting stroke is limited at the top, the clearance to the log is reduced, and the setting is saved for future splitting processes.



► Autospeed

On page 280, you can
find out all about the
benefits of the
Autospeed function!

That speaks in Ferdinand's favour!



FIXOMATIC 2.0

The two-part splitting blade (Fixomatic system) securely holds the wood in place during the splitting process – without the need for any fiddly holding. The lower wedge also fixes thin or angled wood without any problems, and the wedge is conveniently released at operating height. The grooves cut into this part of the knife help with splitting fibrous or soft wood, prevent the knife from slipping and interlock with one another. In addition, the tried-and-tested wood holding tip on the wedge guide ensures an even better grip. As soon as the splitting process is triggered, the upper wedge moves towards the fixed wedge holder and pushes the splitting wedge through the wood. Grooves in the upper part of the wedge guarantee precise guidance during the splitting process and thus increase the operator's safety. The logs that have been split are held in place at the sides by the cushioned surfaces of the side wings – they can either be split again or transported to the storage area.

INNOVATIVE SPLITTING WEDGE STANDARD

The splitting blade, which slopes forwards at an angle, prevents the material being split from being pushed towards the operator, whilst at the same time reducing the effort required to split the wood.

The riving wedge consists of two parts:

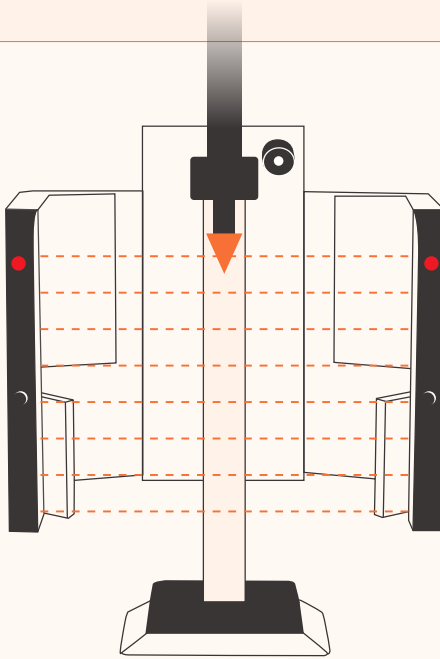
To prevent the wood from falling towards the operator during the splitting process, rollers with grooves are incorporated into the upper splitting wedge, and grooves are integrated into the lower part of the splitting blade. These patented innovations ensure precise guidance, minimise slippage of the wood and thus protect the operator from falling logs.



BASE PLATE WITH FUNCTIONAL DESIGN



The special, improved design of the base plate, in combination with the Fixomatic-system 2.0, provides an ideal base and safety for your trunk. It ensures greater stability and therefore greater safety and comfort when loading or splitting wood. What's more, it folds up easily for quick and simple cleaning.



SAFETY LIGHT CURTAIN

The sensor technology fitted to the side wings ensures safety and easy access to the splitting area. This protects everyone involved in the splitting process. If the light curtain is interrupted – whether by the operator or a piece of wood – the splitting process stops immediately and the splitting blade returns to its starting position.



LARGER WORKING AREA, GREATER FREEDOM, GREATER COMFORT

Ferdinand's two side arms protect what is important: You and everyone involved in the work process. When in the working position, they form a lateral enclosure around the entire splitting area. The upper section of the arms is made of transparent polycarbonate, which allows a clear view of the splitting area. In addition, the standard-fit LEDs ensure optimum lighting – ideal in low-light conditions or at dusk.

The lower section is equipped with cushioned, shock-absorbing surfaces that act as anti-slip pads and provide impact protection for split wood. The robust steel handles make it easy to unfold the side wings fast and in a space-saving way – so Ferdinand is ready for transport. The wings can be opened individually or together, thereby extending the range of operation to 180 degrees. This makes it even easier and more convenient to pull the logs in using the winch.



WINCH INCLUDED

Large logs that cannot be moved by hand are effortlessly pulled towards the machine by the standard hydraulically driven winch, which has a pulling force of 750 kg. The radio remote control is used to release the cable so that it can be pulled out unimpeded; it can then be pulled back towards the trunk manually at any speed. The block strip hook, which is included in the scope of delivery, is used to secure the rope to the trunk. A brake on the drum prevents the rope from becoming tangled.

Once the trunk is secured, the feed can be started at the touch of a button, whilst the operator can continue working efficiently. The radio-controlled winch avoids unnecessary travel and thus saves valuable time.

The winch stands out thanks to

- a wide operating range of up to 180 degrees,
- a high feed point with a swivelling deflection pulley,
- a cable cut-off during feed and
- can be folded away to save space during transport.

The swivelling side arms also allow maximum freedom of movement around trunks in confined or spacious areas.

A 3-pin 12 V continuous-current socket on the tractor is required for operation. Two different gripping tongs and a chain with two block-and-pin hooks are available as optional extras for log handling.

That speaks in Ferdinand's favour!



MAINTENANCE

The maintenance hatch on the rear of the machine provides fast and easy access to the hydraulics and electronics. As an electrically operated valve for the gap adjustment function is fitted, there is no longer any need to change the detent set.



TOOL HOLDER

Where should you put your tools when your machine is on the move? Use the tool holder fitted as standard to secure the necessary accessory equipment for transport.

QUIET-RUNNING PURR PUMP

A new era for electric drives: Thanks to the application of a higher-quality, low-noise pump, the electrically powered Ferdinand runs much more quietly. After an 8-hour working day, both your ears and your neighbour will be grateful to you.



TOILET ROLL HOLDER FOR WORKING IN COMFORT

The benefits of working:

- Logs that have already been split can be conveniently stored (temporarily).
- This also means that smaller logs are faster to get hold of.



END OF THE WORKING DAY FOR FERDINAND



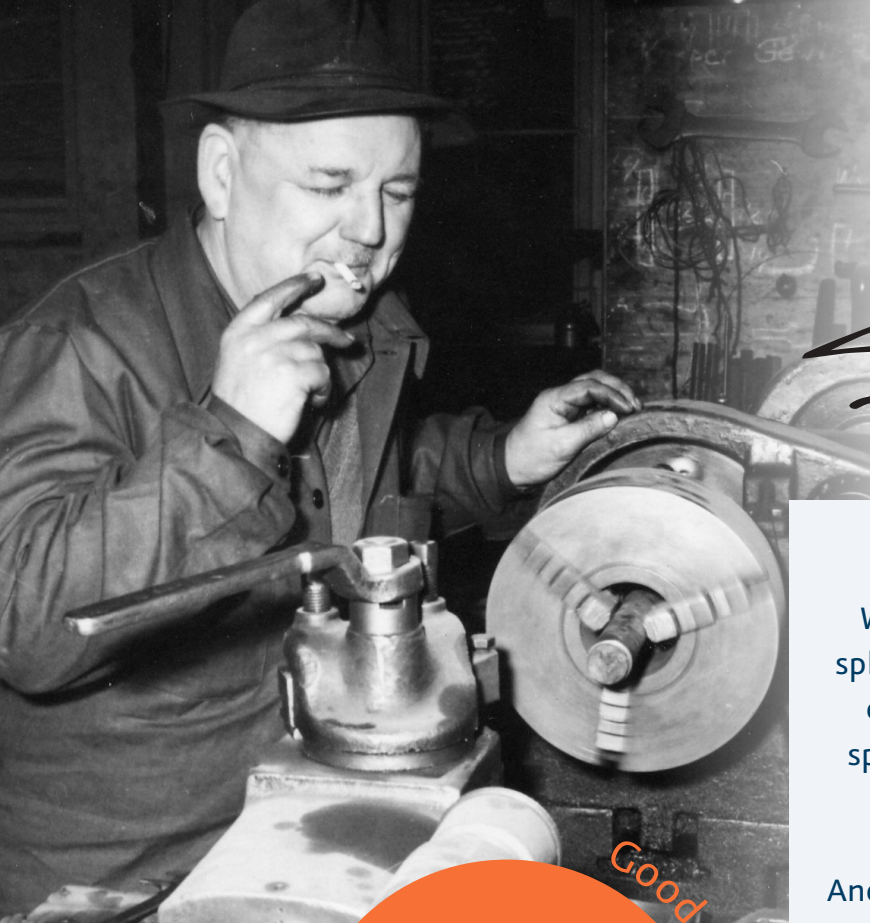
For storage and transport, the side wings can be folded in and secured, and the cylinder retracted. Tools carried on the machine can be securely fastened to the standard fittings on the machine.

Ferdinand Overview

		Ferdinand 22		Ferdinand 26	
Drive	Drive 1	Tractor PTO shaft	Hybrid drive: Tractor PTO shaft	Tractor PTO shaft	Hybrid drive: Tractor PTO shaft
	Drive 2	-	Electric motor	-	Electric motor
	Type	PZG	PZG-E7.5D-400	PZG	PZG-E7.5D-400
Basic model	One-handed operation, automatic splitting process	✓	✓	✓	✓
	Two-handed control	✓	✓	✓	✓
	Fixomatic 2.0	✓	✓	✓	✓
	Touch encoder	✓	✓	✓	✓
	750 FH winch	✓	✓	✓	✓
	Non-slip floor grate	✓	✓	✓	✓
	Adjustable splitting stroke up and down	✓	✓	✓	✓
	Grey cast iron pump	✓	✓	✓	✓
	Purr aluminium pump	✗	✓	✗	✓
	Two-stage pump	✗	✓	✗	✓
	Autospeed	✓	✓	✓	✓
	Three-point linkage Cat. I + II	✓	✓	✓	✓
Technical data	Splitting force max. t	22	22	26	26
	Minimum log diameter (cm)	8	8	8	8
	Log diameter max. cm	60	60	60	60
	Log length min. cm	55	55	55	55
	Log length max. cm	110	110	110	110
	Cylinder stroke max. mm	1100	1100	1100	1100
	Weight kg	995	1080	1010	1100
	Preliminary feed, stage 1, drive 1 cm/s	11	11	10	10
	Feed, stage 2, drive 1 cm/s	23	23	23	23
	Return drive 1 cm/s	20	20	17	17
	Supply stage 1 Drive 2 cm/s	-	6	-	6
	Supply stage 2 Drive 2 cm/s	-	20	-	20
	Return drive 2 cm/s	-	18	-	15
	Power specification electric motor S6 kW	-	7.5	-	7.5
	Average power consumption kWh*	-	2.5 – 4.0	-	2.5 – 4.0
	Motor protection switch	-	✓	-	✓
	Phase inverter	-	✓	-	✓
	Rotation field detection	-	✓	-	✓
	Automatic star-delta start	-	✓	-	✓
	Mains power requirements	-	3 x 400 V, 50 Hz, CEE 16 A	-	3 x 400 V, 50 Hz, CEE 16 A
	Power requirement PTO kW	23	23	24	24
	PTO speed min. rpm	300	300	300	300
	PTO speed max. for 4 h rpm **	450	450	450	450
	Joint shaft required	yes	yes	yes	yes
	Hydraulic oil tank capacity l	52	52	52	52
	Length transport / working position mm	1900 / 1800	1850 / 1800	1900 / 1800	1900 / 1800
	Width transport / working position mm	1200 / 1580	1250 / 1580	1200 / 1580	1200 / 1580
	Height transport / working position mm	2200 / 2870	2300 / 2870	2200 / 2870	2200 / 2870
Transport	Three-point linkage Cat. I + II	✓	✓	✓	✓
Accessory equipment	Splitting table	○	○	○	○
	Chainsaw mount	○	○	○	○
	Drive shaft	○	○	○	○
	Gripping tongs	○	○	○	○
	2-hook stripper	○	○	○	○

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.
** For machine with winch max. 480



Ferdinand
by **POSCH**
LEIGNITZ

A VISIONARY BACK THEN, A PIONEER TODAY

With a single press of a button, you'll split the wood in two – whether it's long or short, fibrous or soft – Ferdinand splits every trunk faster and with more safety than ever before!

And with more freedom than ever before!

Until now, the splitting process had to be initiated with both hands. Now it's all done at the touch of a button, so to speak, whilst you're putting the wood away. With Ferdinand, you've got complete freedom – thanks to the fold-out side doors.

Pretty clever, isn't it?

Our company founder, Ferdinand Posch, was a visionary and a pioneer – he would be over 120 years old today. In honour of his legacy, our new log splitter bears his name.

Good to know

FROM THE PRACTICAL TEST

Our two 'Bernds' from the test department have put the new log splitter through its paces: Our Bernd, who had more 'experience', did the splitting in a head-to-head comparison with a 30-year-old model, whilst his colleague, the 'young' Bernd, worked with Ferdinand. The result was impressive: Ferdinand was absolutely brilliant at 'splitting at the touch of a button'!

I like using Ferdinand for splitting wood because it makes the job much easier for me. Compared to a standard two-handed multi-purpose tool, I always have both hands free and don't have to hold them above my head all the time. This makes the work much more ergonomic and considerably less tiring.

BERND KOHLWEG, POSCH EMPLOYEE,
PRODUCT DEVELOPMENT & TEST USER



Our two 'Bernds'
Links: Bernd Trabi
Right: Bernd Kohlweg

”
Making an already
successful and well-
established product even
better was a challenge –
but the application of innovative
control technology allowed us to
introduce new operating concepts
and smart features that are sure
to impress!

KARLHEINZ BRODSCHNEIDER,
PRODUCT DEVELOPMENT

Perfect visibility
round the clock –
thanks to powerful
LED lighting!



Basic model Ferdinand 22 and 26 Autospeed

The log splitter with buttons – split logs into short lengths and metre-long pieces at the touch of a button!

Article no.	Type	Name	Drive	Supply stage 1 cm / s	Supply stage 2 cm / s	Return Cm/s	Splitting force t	Weight ~ kg
M6270FHR	PZG	Ferdinand 22, PZG, vertical log splitter with 22 t splitting force, one-handed operation with automatic splitting process at the touch of a button or two-hand operation, driven by tractor PTO shaft, required PTO speed 300–450 rpm, power requirement 23 kW, Autospeed, adjustable splitting stroke, floor grating, cushioned catch beds, Fixomatic 2.0, touch encoder, Sappie holder, light curtain, LED workstation lighting, three-point linkage Cat. I + II, drive shaft required! Radio-controlled and manually operated winch, 750 kg pulling force, 40 m rope, operating range of up to 180 degrees. A 3-pin 12 V continuous-current socket on the tractor is required for operation.		11	23	20	22	995
M6274FHR	PZG-E7.5D-400	Ferdinand 22, PZG-E7.5D-400, Vertical log splitter with 22 t splitting force, one-handed operation with automatic splitting process at the touch of a button or two-hand operation, drive via tractor PTO shaft, required PTO speed 300–450 rpm, power requirement 23 kW and drive via 7.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, automatic star-delta start, motor protection switch with phase inverter and rotation field detection, Autospeed, adjustable splitting stroke, floor grating, cushioned catch surfaces, Fixomatic 2.0, touch encoder, Sappie holder, light curtain, LED workstation lighting, three-point linkage, Cat. I + II, drive shaft required! Radio-controlled and manually operated winch, 750 kg pulling force, 40 m rope, operating range of up to 180 degrees. A 3-pin 12 V continuous-current socket on the tractor is required for operation.		11	23	20	22	1080
				6	20	18		
M6275FHR	PZG	Ferdinand 26, PZG, vertical log splitter with 26 t splitting force, one-handed operation with automatic splitting process at the touch of a button or two-hand operation, drive via tractor PTO shaft, required PTO speed 300–450 rpm, Power requirement 24 kW, Autospeed, adjustable splitting stroke, floor grating, cushioned catch surfaces, Fixomatic 2.0, touch encoder, Sappie holder, light curtain, LED workstation lighting, three-point linkage Cat. I + II, drive shaft required! Radio-controlled and manually operated winch, 750 kg pulling force, 40 m rope, operating range up to 180 degrees. A 3-pin 12 V continuous-current socket on the tractor is required for operation.		10	23	17	26	1010
M6279FHR	PZG-E7.5D-400	Ferdinand 26, PZG-E7.5D-400, Vertical log splitter with 26 t splitting force, one-handed operation with automatic splitting process at the touch of a button or two-hand operation, drive via tractor PTO shaft, required PTO speed 300–450 rpm, power requirement 24 kW and drive via 7.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, automatic star-delta start, motor protection switch with phase inverter and rotation field detection, Autospeed, adjustable splitting stroke, floor grating, cushioned catch surfaces, Fixomatic 2.0, touch encoder, Sappie holder, light curtain and LED workstation lighting, three-point linkage, Cat. I + II, drive shaft required! Radio-controlled and manually operated winch, 750 kg pulling force, 40 m rope, operating range of up to 180 degrees. A 3-pin 12 V continuous-current socket on the tractor is required for operation.		10	23	17	26	1100
				6	20	15		
YF186		Ferdinand's freight costs Valid exclusively for deliveries to Austria and Germany.						
YD1141		Commissioning AT/DE						

Accessory equipment Ferdinand 22 and 26

For more power and comfort during producing firewood.

Article no.	Name	Type PZG	Type PZG- E7.5D-400	Weight ~ kg	
F0005006	Splitting table for short timber (33 cm log length), 2 fold-out side shelves, 2 solid rubber wheels (diameter 200 mm) and a handle for transport	○	○	72	
F0005009	Chainsaw mount: for safe transport and convenient storage of the chainsaw	○	○	3	
Z2000636	Walterscheid W-Line drive shaft, suitable for the Ferdinand 22	○ For Ferdinand 22 only	○ For Ferdinand 22 only	9	
Z2000653	Walterscheid W-Line drive shaft, suitable for the Ferdinand 26	○ For Ferdinand 26 only	○ For Ferdinand 26 only	12	
F0003962	Gripper with torsion spring for winch, up to trunk diameter 65 cm	○	○	7	
F0003971	Gripping tongs with coil spring to winch, up to log ø 80 cm.	○	○	8	
F0003978	Adapter, converter from a 3-pin continuous-current socket to a 7-pin Euro plug for vehicle lighting on a tractor	○	○	1	
F0002605	2-hook stripper for 1,000 kg, chain for winch, 1 m	○	○	4	

○ optional ✗ not available ✓ standard equipment

KURZHOLZ TABLE

2-in-1 – With Ferdinand, even short timber up to 33 cm in length can be split in no time at all. Thanks to its intelligent control system, Ferdinand automatically detects when the short-log table is being applied and precisely adjusts the splitting stroke length to match the table height. Thanks to its handy wheels and sturdy handle, this robust short-log table can be pushed fast and easily into the splitting area. The side wings, with their upturned edges, reliably prevent split wood from falling out – your back will thank you for it!



2-HOOK STRIPPER

Would you like to attach the rope to the trunk using a chain and two block strip hooks instead of the standard block strip hook, in order to pull large logs towards the machine even more safely? The block strip hooks are driven into the trunk, ensuring a secure hold.

ADAPTER FROM 3- TO 7-PIN

Does your tractor not have a constant-power socket? For this purpose, an adapter is available to convert a 3-pin continuous-current socket to a 7-pin Euro plug for vehicle lighting.



CHAINSAW MOUNT

For safe transport and practical storage of your chainsaw.



GRIPPING TONGS

The perfect addition to a winch.



SplitMaster

The powerhouse for timber by the metre

Greater splitting force, more possibilities:

When processing large trunks into sawn timber, high performance and maximum safety are crucial. With splitting forces of up to 30 tonnes and a safety grille that prevents access to the danger zone, the horizontal log splitter ensures optimum protection for the operator and bystanders.

Since 1998, the horizontal log splitter has proven its worth on the market and ensures efficient and safe timber processing from Canada to Sri Lanka.

Large logs require special extras:

The winch stands out thanks to its exceptionally powerful pulling power, which draws the logs directly towards the machine. What's more, the innovative splitting blade makes it easier to pull the logs back out and split them – for more efficient work with less effort.



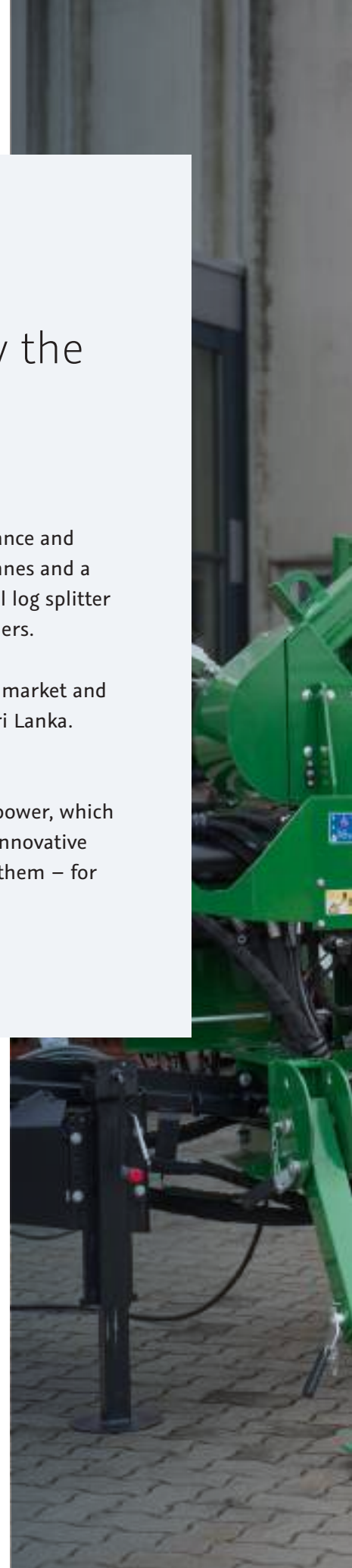
SPLITTER
lying



TRUNK Ø
max. 80 cm



PRODUCES
Metre-long timber



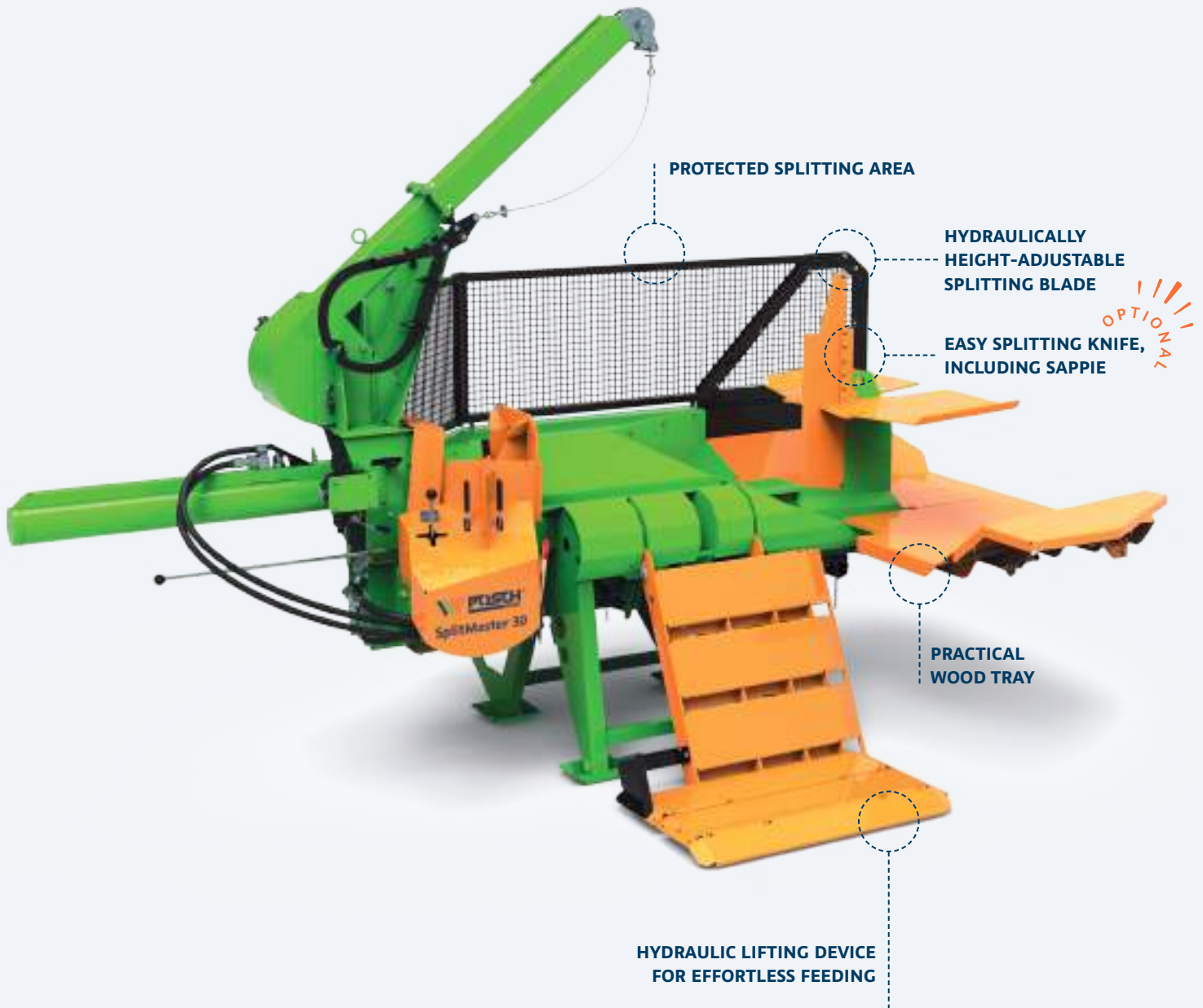


SplitMaster

Autospeed

Here you see the following configuration example:

Item no: M8470NG SplitMaster 30 PZG-E15D-400
Item no: Y Easy splitting knife with Sappie (optional)
Item no: "750" winch, radio-controlled and manually operated (optional)



TRUNK Ø
max. 80 cm



LOG LENGTH
max. 125 cm



SPLITTING FORCE
max. 30 t



SUPPLY/RETURN
33 | 28 cm/s



PROCESSING VOLUME
more than 20 cubic
metres / year



WEIGHT
at least 1280 kg

Highlights



PROTECTED SPLITTING AREA

Innovative design for your safety: Our well-thought-out concept protects you and everyone in the work area! It comprises a protective grille at the rear of the SplitMaster, a spacious wood tray and a hydraulic lifting mechanism, which must be in a horizontal position in order to start the splitting process. This ensures that safety is maintained for everyone involved.



PORTABLE

Do you also work outside the home and on the farm? Thanks to the standard three-point linkage (category II), the SplitMaster can be easily transported on the tractor.



HYDRAULIC LIFTING DEVICE FOR EFFORTLESS FEEDING

Instead of laboriously lifting the trunk by hand, the hydraulic lifting device takes the strain off your back. It lifts the trunk into the splitting area and provides additional storage space during the splitting process. A stop plate ensures that the trunk is positioned correctly in front of the pressure piece and prevents it from becoming wedged during transfer to the splitting area. The splitting process is only initiated once the hydraulic lifting mechanism is in a horizontal position. For space-saving storage and easy transport, the lifting device can be effortlessly folded up into the transport position using the hand-operated winch supplied.



HYDRAULIC HEIGHT-ADJUSTABLE SPLITTING BLADE

To ensure that the log is always split down the middle, thereby achieving optimum wood quality, the splitting blade can be easily adjusted hydraulically for height. This means it can be flexible in its adjustment to suit different wood diameters. Three notches on the base frame serve as a guide to help you easily position the splitting blade at the desired log height. They give the log heights of 7 cm, 10 cm and 13 cm as guide values.

EASY GAP GAUGE INCLUDING SAPPIE

This 'must-have' accessory for your SplitMaster makes splitting large trunks easier: The lower logs are already the desired size after the first splitting process, whilst the upper ones rest on the knife and can be split further until the desired log quality is achieved. See page 109 for more information!



PRACTICAL WOOD TRAY

Thanks to the standard wood tray, logs remain at a convenient height after splitting and can be put away straight away or split again. The recessed grip makes it easier to grasp and remove items. The shelf can be folded up for storage and transport. All folding parts must be correctly positioned to ensure that safety clearances are maintained.

OPTIONAL



▶ Autospeed

On page 280, you can find out all about the benefits of the Autospeed function!

That's a point in the SplitMaster's favour!

SAFE TWO-HAND OPERATION

Safety and splitting are not mutually exclusive: The SplitMaster is operated via a safe two-hand control system at an ergonomic height, ensuring that you always remain within the protected working area. Split On: The splitting process is only activated once both control levers have been actuated and the hydraulic lifting mechanism is in a horizontal position. This feature provides additional protection for everyone involved in the work process.



SAFETY SHUT-OFF DAMPER

For increased safety: If a piece of wood gets behind the pressure piece, the safety shut-off flap stops the pressure piece from moving in.



WELL-DESIGNED SLATTED TROUGH SHAPE

Thanks to the innovative design of the splitting trough, the trunk is automatically centred during feeding, so it does not need to be constantly realigned by hand. This allows you to work much more efficiently, as fewer interventions are required – saving you both effort and time.



INNOVATIVE PRESSURE PIECE

The special design of the pressure piece minimises the risk of the material being pressed between the plates slipping or shifting.



SIMPLE AND TOOL-FREE SPLIT-STROKE ADJUSTMENT

Unnecessary empty runs when splitting short timber cost time! Work more efficiently by simply adjusting the splitting stroke to the desired log length at a comfortable operating height – without the need for any tools and in just a few simple steps.



SMALL NOTCHES – A BIG HELP

The three notches on the base frame serve as a guide to help you easily position the splitting blade at the desired log height. They give log heights of 7 cm, 10 cm and 13 cm as guide values.



SplitMaster

THE ALL-ROUNDER IN METRE-LONG TIMBER

Over the years, the SplitMaster has proven its worth in numerous variants – from the compact short log splitter with 9 tonnes of splitting force right through to the powerful model with 55 tonnes, complete with a crane. Following a change in the law in 2018, a number of models were withdrawn from the range.

Nowadays, the full-length log splitter is equipped as standard with a safety guard and a lifting mechanism, so you can work even more safely. Despite this change, the SplitMaster remains as versatile as ever!

Nice to know!

Over 20 years ago, we exported a SplitMaster to Sri Lanka, where it is presumably still being used today to turn rubber trees and other wood into firewood.

FROM THE FIELD

Since 2016, the Antlashof in Lower Austria has been offering people with mental health conditions a space that provides structure and stability – in harmony with nature. Supported by a multi-disciplinary team, participants can immerse themselves in various areas of work and work on stabilising their mental health. The programme takes into account the individual abilities of each person. Managing Director Roland Hammerschmid places particular emphasis on the strengths and resources of the young people and adults in his care. Among other things, they work together to produce regional products such as vegetables and firewood, and offer animal-assisted therapy.

As part of the day centre's activities, we perform splitting and stacking of the wood for our heating system. Round 80 to 100 m³ of firewood is processed each year. We purchased the SplitMaster 30 to make work easier for the young people, adults and staff in our care, and were convinced by a demonstration of the machine.

As we work with people with mental health conditions, it is very important that the system is fast, efficient, simple and ensures safety when used. We've only been using the splitter for four weeks, but we're already absolutely convinced that it's the right machine for our specific needs.

ROLAND HAMMERSCHMID FROM THE ANTLASHOF



SplitMaster 26 Overview

Drive	Drive 1	Tractor PTO shaft	Electric motor	Electric motor	Hybrid drive: Tractor PTO shaft	Hybrid drive: Tractor PTO shaft
	Drive 2	-	-	-	Electric motor	Electric motor
	Type	PZG SPEED	E75D-400 SPEED	E15D-400 SPEED	PZG-E75D-400 SPEED	PZG-E15D-400 SPEED
Basic model	Autospeed	✓	✓	✓	✓	✓
	Combined 2-way and 4-way splitting blade	✓	✓	✓	✓	✓
	Adjustable splitting stroke	✓	✓	✓	✓	✓
	Hydraulic splitting knife adjustment	✓	✓	✓	✓	✓
	Hydraulic. Log lifting device	✓	✓	✓	✓	✓
	Wood tray	✓	✓	✓	✓	✓
	Three-point linkage Cat. II	✓	✓	✓	✓	✓
Technical data	Splitting force max. t	26	26	26	26	26
	Minimum log diameter (cm)	8	8	8	8	8
	Log diameter max. cm	80	80	80	80	80
	Log length min. cm	55	55	55	55	55
	Log length max. cm	125	125	125	125	125
	Cylinder stroke max. mm	1300	1300	1300	1300	1300
	Preliminary feed, stage 1, drive 1 cm/s	15	9	11	15	15
	Feed, stage 2, drive 1 cm/s	33	20	23	33	33
	Return drive 1 cm/s	28	18	20	28	28
	Supply stage 1 Drive 2 cm/s	-	-	-	9	11
	Supply stage 2 Drive 2 cm/s	-	-	-	20	23
	Return drive 2 cm/s	-	-	-	18	20
	Power specification electric motor S6 kW	-	7.5	15	7.5	15
	Star-delta start	-	✓	✓	✓	✓
	Motor protection switch	-	✓	✓	✓	✓
	Phase inverter	-	✓	✓	✓	✓
	Rotation field detection	-	✓	✓	✓	✓
	Two-stage pump	-	✓	✓	✓	✓
	Mains power requirements	-	3x 400 V, 50 Hz, CEE 16 A	3 x 400 V, 50 Hz, CEE 32 A	3x 400 V, 50 Hz, CEE 16 A	3 x 400 V, 50 Hz, CEE 32 A
	Average power consumption kWh*	-	3.5 – 5.0	5.0 – 7.5	3.5 – 5.0	5.0 – 7.5
	Power requirement PTO kW	28	-	-	28	28
	PTO speed (rpm)	300 – 480	-	-	300 – 480	300 – 480
	Max. PTO speed for 4h rpm **	650	-	-	650	650
	Joint shaft required	Yes	-	-	Yes	Yes
	Hydraulic oil tank capacity l	72	72	72	72	72
	Weight kg	1294	1314	1280	1341	1394
	Length transport / working position mm	2780 / 4450	2780 / 4450	3000 / 4450	2780 / 4450	2780 / 4250
	Width transport / working position mm	2050 / 2450	2050 / 2450	2050 / 2450	2050 / 2450	2050 / 2450
	Height transport / working position mm	2280 / 1830	2280 / 1830	2300 / 1830	2280 / 1830	2280 / 1850
Special equipment	Easy splitting knife	○	○	○	○	○
	Oil cooler	○	○	○	○	○
	750 FH winch	○	○	○	○	○
	750 HW winch	○	○	○	○	○
Splitting blade	Easy splitting knife	○	○	○	○	○
	2-way slotted blade	○	○	○	○	○
	Combined 2-way and 4-way splitting blade	✓	✓	✓	✓	✓
	Combined 2-way and 6-way splitting blade	○	○	○	○	○
	Combined 2-way and 8-way splitting blade	○	○	○	○	○
	Combined 2-way, 4-way and 12-way splitting blade	✗	✗	✗	✗	✗
Accessory equipment	Drive shaft	○	✗	✗	○	○
	Splitting trough extension	○	○	○	○	○
	Hand pump for central lubrication	○	○	○	○	○
	Gripping tongs	○	○	○	○	○
	2-hook stripper	○	○	○	○	○
	Plug-in lighting unit	○	○	○	○	○
	Hour meter	○	○	○	○	○
Transport	Three-point linkage Cat. II	✓	✓	✓	✓	✓

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.
** For machine with winch max. 480

SplitMaster 30 Overview

Drive		Tractor PTO shaft	Electric motor	Electric motor	Hybrid drive: Tractor PTO shaft	Hybrid drive: Tractor PTO shaft
	Drive 1					
	Drive 2	-	-	-	Electric motor	Electric motor
	Type	PZG	E75D-400	E15D-400	PZG-E75D-400	PZG-E15D-400
Basic model	Autospeed	✓	✓	✓	✓	✓
	Combined 2-way and 4-way splitting blade	✓	✓	✓	✓	✓
	Adjustable splitting stroke	✓	✓	✓	✓	✓
	Hydraulic splitting knife adjustment	✓	✓	✓	✓	✓
	Hydraulic. Log lifting device	✓	✓	✓	✓	✓
	Wood tray	✓	✓	✓	✓	✓
	Three-point linkage Cat. II	✓	✓	✓	✓	✓
Technical data	Splitting force max. t	30	30	30	30	30
	Minimum log diameter (cm)	8	8	8	8	8
	Log diameter max. cm	80	80	80	80	80
	Log length min. cm	55	55	55	55	55
	Log length max. cm	125	125	125	125	125
	Cylinder stroke max. mm	1300	1300	1300	1300	1300
	Preliminary feed, stage 1, drive 1 cm/s	13	8	9	13	13
	Feed, stage 2, drive 1 cm/s	25	16	18	25	25
	Return drive 1 cm/s	26	16	18	26	26
	Supply stage 1 Drive 2 cm/s	-	-	-	8	9
	Supply stage 2 Drive 2 cm/s	-	-	-	16	18
	Return drive 2 cm/s	-	-	-	16	18
	Power specification electric motor S6 kW	-	7.5	15	7.5	15
	Star-delta start	-	✓	✓	✓	✓
	Motor protection switch	-	✓	✓	✓	✓
	Phase inverter	-	✓	✓	✓	✓
	Rotation field detection	-	✓	✓	✓	✓
	Two-stage pump	-	✓	✓	✓	✓
	Mains power requirements	-	3x 400 V, 50 Hz, CEE 16 A	3 x 400 V, 50 Hz, CEE 32 A	3x 400 V, 50 Hz, CEE 16 A	3 x 400 V, 50 Hz, CEE 32 A
	Average power consumption kWh*	-	3.5 – 5.0	5.0 – 7.5	3.5 – 5.0	5.5 – 7.5
	Power requirement PTO kW	28	-	-	28	28
	PTO speed (rpm)	300 – 480	-	-	300 – 480	300 – 480
	Max. PTO speed for 4h rpm **	650	-	-	650	650
	Joint shaft required	Yes	-	-	Yes	Yes
	Hydraulic oil tank capacity l	72	72	72	72	72
	Weight kg	1312	1332	1380	1341	1380
	Length transport / working position mm	2800 / 4450	2800 / 4450	2800 / 4450	2800 / 4450	2800 / 4450
	Width transport / working position mm	2070 / 2460	2070 / 2460	2070 / 2460	2070 / 2460	2070 / 2460
	Height transport / working position mm	2300 / 1830	2300 / 1830	2300 / 1830	2300 / 1830	2300 / 1830
Special equipment	Easy splitting knife	○	○	○	○	○
	Oil cooler	○	○	○	○	○
	750 FH winch	○	○	○	○	○
	750 HW winch	○	○	○	○	○
Splitting blade	Easy splitting knife	○	○	○	○	○
	2-way slotted blade	○	○	○	○	○
	Combined 2-way and 4-way splitting blade	✓	✓	✓	✓	✓
	Combined 2-way and 6-way splitting blade	○	○	○	○	○
	Combined 2-way and 8-way splitting blade	○	○	○	○	○
	Combined 2-way, 4-way and 12-way splitting blade	○	○	○	○	○
Accessory equipment	Drive shaft	○	✗	✗	○	○
	Splitting trough extension	○	○	○	○	○
	Hand pump for central lubrication	○	○	○	○	○
	Gripping tongs	○	○	○	○	○
	2-hook stripper	○	○	○	○	○
	Plug-in lighting unit	○	○	○	○	○
	Hour meter	○	○	○	○	○
Transport	Three-point linkage Cat. II	✓	✓	✓	✓	✓

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.

** For machine with winch max. 480

○ optional ✗ not available ✓ standard equipment

Basic model SplitMaster 26 ▶ Autospeed

The powerhouse for metre-long timber, offering more power and more possibilities.

Article no.	Type	Name	Drive	Supply stage 1 cm / s	Supply stage 2 cm / s	Return Cm/s	Split- ting force t	Weight ~ kg
M8450NSG	PZG SPEED	SplitMaster 26, PZG SPEED, horizontal log splitter with 26 t splitting force, driven by tractor PTO shaft, required PTO speed 300–480 rpm, power requirement 28 kW, max. log length 125 cm, Autospeed, three-point linkage, Cat. II, adjustable splitting stroke, combined 2- and 4-way slotted blade, hydraulic blade adjustment, hydraulic lifting mechanism, protected splitting area and wood tray. PTO shaft required!		15	33	28	26	1294
M8455NSG	E7.5D-400 SPEED	SplitMaster 26, E7.5D-400 SPEED, horizontal log splitter with 26 t splitting force, driven by a 7.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter and rotation field detection, max. log length 125 cm, two-stage pump, Autospeed, three-point linkage Cat. II, adjustable splitting stroke, combined 2- and 4-way slotted blade, hydraulic blade adjustment, hydraulic lifting mechanism, protected splitting area and wood tray		9	20	18	26	1314
M8460NSG	E15D-400 SPEED	SplitMaster 26, E15D-400 SPEED, horizontal log splitter with 26 t splitting force, driven by a 15 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 32 A, star-delta start, motor protection switch with phase inverter and rotation field detection, max. log length 125 cm, two-stage pump, Autospeed, three-point linkage Cat. II, adjustable splitting stroke, combined 2- and 4-way slotted blade, hydraulic blade adjustment, hydraulic lifting mechanism, protected splitting area and wood tray		11	23	20	26	1280
M8465NSG	PZG-E7.5D-400 SPEED	SplitMaster 26 PZG-E7.5D-400 SPEED, horizontal log splitter with 26 t splitting force, driven by tractor PTO shaft, required PTO speed 300–480 rpm, power requirement 28 kW, and driven by a 7.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter and rotation field detection, max. log length 125 cm, two-stage pump, Autospeed, three-point linkage, Cat. II, adjustable splitting stroke, combined 2- and 4-way slotted blade, hydraulic blade adjustment, hydraulic lifting mechanism, protected splitting area and wood tray. PTO shaft required!		15	33	28	26	1341
				9	20	18		
M8470NSG	PZG-E15D-400 SPEED	SplitMaster 26 PZG-E15D-400 SPEED, horizontal log splitter with 26 t splitting force, driven by tractor PTO shaft, required PTO speed 300–480 rpm, power requirement 28 kW, and driven by a 15 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 32 A, star-delta start, motor protection switch with phase inverter and rotation field detection, max. log length 125 cm, two-stage pump, Autospeed, three-point linkage Cat. II, adjustable splitting stroke, combined 2- and 4-way slotted blade, hydraulic blade adjustment, hydraulic lifting mechanism, protected splitting area and wood tray. PTO shaft required!		15	33	28	26	1394
				11	23	20		

Basic model SplitMaster 30

The powerhouse for metre-long timber, offering more power and more possibilities.

Article no.	Type	Name	Drive	Supply stage 1 cm / s	Supply stage 2 cm / s	Return Cm/s	Splitting force t	Weight ~ kg
M8450NG	PZG	SplitMaster 30, PZG, horizontal log splitter with 30 t splitting force, driven by tractor PTO shaft, required PTO speed 300–480 rpm, power requirement 28 kW, max. log length 125 cm, Autospeed, three-point linkage, Cat. II, adjustable splitting stroke, combined 2- and 4-way slotted blade, hydraulic blade adjustment, hydraulic lifting mechanism, protected splitting area and wood tray. PTO shaft required!		13	25	26	30	1312
M8455NG	E75D-400	SplitMaster 30, E75D-400, horizontal log splitter with a splitting force of 30, driven by a 7.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter and rotation field detection, max. log length 125 cm, two-stage pump, Autospeed, three-point linkage Cat. II, adjustable splitting stroke, combined 2- and 4-way slotted blade, hydraulic blade adjustment, hydraulic lifting mechanism, protected splitting area and wood tray		8	16	16	30	1332
M8460NG	E15D-400	SplitMaster 30, E15D-400, horizontal log splitter with a splitting force of 30, driven by a 15 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 32 A, star-delta start, motor protection switch with phase inverter and rotation field detection, max. log length 125 cm, two-stage pump, Autospeed, three-point linkage Cat. II, adjustable splitting stroke, combined 2- and 4-way slotted blade, hydraulic blade adjustment, hydraulic lifting mechanism, protected splitting area and wood tray		9	18	18	30	1380
M8465NG	PZG-E75D-400	SplitMaster 30, PZG-E75D-400, horizontal log splitter with 30 t splitting force, driven by tractor PTO shaft, required PTO speed 300–480 rpm, power requirement 28 kW, and driven by a 7.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter and rotation field detection, max. log length 125 cm, two-stage pump, Autospeed, three-point linkage Cat. II, adjustable splitting stroke, combined 2- and 4-way slotted blade, hydraulic blade adjustment, hydraulic lifting mechanism, protected splitting area and wood tray. PTO shaft required!		13	25	26	30	1341
				8	16	16		
M8470NG	PZG-E15D-400	SplitMaster 30 PZG-E15D-400, horizontal log splitter with 30 t splitting force, driven by tractor PTO shaft, required PTO speed 300–480 rpm, power requirement 28 kW, and driven by a 15 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 32 A, star-delta start, motor protection switch with phase inverter and rotation field detection, max. log length 125 cm, two-stage pump, Autospeed, three-point linkage Cat. II, adjustable splitting stroke, combined 2- and 4-way slotted blade, hydraulic blade adjustment, hydraulic lifting mechanism, protected splitting area and wood tray. PTO shaft required!		13	25	26	30	1380
				9	18	18		

Special equipment SplitMaster 26 | SplitMaster 30



Only possible with original equipment, incl. installation.

Article no.	Name	SplitMaster 26	SplitMaster 30	Weight ~ kg
Y (SO1024)	Surcharge for the optional easy gap gauge with Sappie, for effortlessly processing large log diameters. The Sappie makes it much easier to pull the logs back out for another round of splitting. The standard combined 2-way and 4-way splitting blade is no longer included.	O	O	40
C (SO1029)	Surcharge for an oil cooler for continuous operation (recommended for operating times of 4 hours or more, or when operating at temperatures above 30°C). This reduces wear and tear, thereby ensuring a longer service life for the hydraulic components. A 12 V, 3-pin continuous-current socket on the tractor is required to operate the oil cooler.	O	O	30

O optional X not available ✓ standard equipment

THIS WILL KEEP YOUR SPLIT-LEVEL FLAT COOL!

Surcharge for an oil cooler for continuous operation (recommended for operating times of 4 hours or more, or when operating at temperatures above 30°C). This reduces wear and tear, thereby ensuring a longer service life for the hydraulic components. A 12 V, 3-pin continuous-current socket on the tractor is required to operate the oil cooler.



Splitting blade SplitMaster 26 | SplitMaster 30

Article no.	Name	Splitting blade	SplitMaster 26	SplitMaster 30	Weight ~ kg
F0003141	Easy splitting knife with Sappie, for effortlessly handling large log diameters. The Sappie makes it easier to pull the logs back for the next splitting operation. Log diameter that can be split down the middle with this knife: 2-way split: 8 – 28 cm, for firewood grades D10 – D30, 4-way split: 8 – 50 cm, for firewood grades D5 – D35. Larger diameters and higher-quality firewood can be achieved by re-splitting.		O	O	94
F0003074	2-way slotted blade; log diameter that can be split down the middle with this blade: 2-way splitting: 8 – 80 cm, for log sizes D10 – >D30 Finer log sizes can be achieved by splitting the logs further.		O	O	40
F0003075	Combined 2-way slotted blade & 4-way splitting blade; log diameter that can be split down the centre with this blade: 2-way: 8 – 28 cm, for firewood grades D10 – D30, 4-way: 8 – 50 cm, for firewood grades D5 – D35. It is possible to produce finer-quality firewood by splitting the logs further. Included as standard in the basic model.		✓	✓	50
F0003044	Combined 2-way & 6-way slotted blade; log diameter, which can be split down the middle using this knife: 2-way: 8–25 cm, for firewood grades D10–D25, 6-way: 15–50 cm, for firewood grades D10–D25. It is possible to produce finer-quality firewood by splitting the logs further.		O	O	63
F0003069	Combined 2-way and 8-way splitting blade, log diameter, which can be used for splitting along the middle with this knife: 2-way: 8–22 cm, for log sizes D10–D25, 8-way: 15–50 cm, for log sizes D10–D25. It is possible to produce finer-quality firewood by splitting the logs further.		O	O	70
F0004533	Combined 2-way, 4-way and 12-way splitting blade (ring diameter 250 mm), for logs up to 50 cm in length and diameter. Log diameter that can be split down the middle with this knife: 2-way split: 8–15 cm, for firewood grades D10–D15, 4-way split: 8 – 15 cm, for firewood grade D5 – D10, 12-way split: 30 – 50 cm, for firewood grade D15 – D20. It is possible to produce finer-quality firewood by splitting the logs further. For SplitMaster 30 only!		X	O	62

O optional X not available ✓ standard equipment

An overview of SplitMaster splitting blade variants



- A combined 2-way and 4-way splitting blade is included as standard on every machine type.
- A separate mounting bracket is supplied with each additional splitting blade you order, so that you can fit it to your machine.
- All splitting blades are fitted with a recess to allow them to be lifted effortlessly using lifting tools.
- Larger diameters and higher-quality firewood can be achieved by re-splitting.

To ensure you achieve the best possible log quality, the following splitting blades are available:

STANDARD

2-WAY AND 4-WAY SLOTTED BLADE



2-way
 $\varnothing$ 8–28 cm
 Firewood quality
 D10 – D30

Hydraulically height-adjustable splitting blade, a 2-way slotted blade becomes a 4-way splitting blade



4-way
 $\varnothing$ 8–50 cm
 Firewood quality
 D5 – D35

OPTIONAL

EASY SPLITTING KNIFE, INCLUDING SAPPIE



2-way
 $\varnothing$ 8–28 cm
 Firewood quality
 D10 – D30



4-way
 $\varnothing$ 8–50 cm
 Firewood quality
 D5 – D35

The Sappie makes it easier to pull the logs back for the next splitting operation.



Prevents the split logs from falling

The 'must-have' accessory for your SplitMaster, allowing you to perform splitting on even large trunks with ease, without having to laboriously manoeuvre them into the splitting channel afterwards. When the wood is pushed through the easy gap gauge, the large pieces at the top remain on top of it. Using the Sappie, which is supplied as standard with the Easy-Messer, these can be conveniently retrieved into the splitting channel and the hydraulic lifting device for further processing. This process can be repeated as often as required until the desired log quality is achieved. The standard 2-way and 4-way splitting blade is no longer included.

2-WAY AND 6-WAY SLOTTED BLADE



2-way
 $\varnothing$ 8–25 cm
 Firewood quality
 D10 – D25

Hydraulically height-adjustable splitting blade, a 2-way slotted blade becomes a 6-way splitting blade



6-way
 $\varnothing$ 15–50 cm
 Firewood quality
 D10 – D25

2- AND 8-WAY SLOTTED BLADE



2-way
 $\varnothing$ 8–22 cm
 Firewood quality
 D10 – D25



8-way
 $\varnothing$ 15–50 cm
 Firewood quality
 D10 – D25

Hydraulically height-adjustable splitting blade, a 2-way slotted blade becomes an 8-way splitting blade

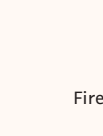
2-, 4-WAY AND 12-WAY SLOTTED BLADE

For SplitMaster 30 only!



2-way
 $\varnothing$ 8–15 cm
 Firewood quality
 D10 – D15

Hydraulically height-adjustable splitting blade



4-way
 $\varnothing$ 8–15 cm
 Firewood quality
 D5 – D10



12-way
 $\varnothing$ 30–50 cm
 Firewood quality
 D15 – D20



PRACTICAL:
 THE LOG-SPLITTING BLADE PARKING DEVICE

2-WAY SLOTTED BLADE



2-way
 $\varnothing$ 8 – 80 cm
 Firewood quality
 D10 – >D30



Hydraulically height-adjustable splitting blade

Winches SplitMaster 26 | SplitMaster 30

Looking for a powerful helper that makes producing firewood more comfortable? POSCH winches pull every trunk effortlessly towards the machine.

Article no.	Name	Type PZG SPEED	Type E7.5D-400 SPEED	Type E15D-400 SPEED	Type PZG-E7.5D- 400 SPEED	Type PZG-E15D- 400 SPEED	Weight ~ kg	
		Type PZG	Type E7.5D-400	Type E15D-400	Type PZG-E7.5D-400	Type PZG-E15D-400		
FH (SO1213)	"750" winch, radio-controlled and manually operated, 750 kg pulling force, 40 m rope, unlimited rope pay-out speed. A 3-pin 12 V continuous current socket is required on the tractor to operate a winch.	○	○	○	○	○	214	
HW (SO1214)	"750" winch, hand-operated, 750 kg pulling force, 40 m rope, unlimited rope pay-out speed. A 3-pin 12 V continuous current socket is required on the tractor to operate a winch.	○	○	○	○	○	204	
F0004148	Gripping tongs with torsion spring for winch, for log diameter up to 65 cm	○	○	○	○	○	8	
F0004149	Gripping tongs with torsion spring for winch, for log diameter up to 80 cm	○	○	○	○	○	9	
F0002605	2-hook stripper for up to 1,000 kg, with a 1-m length of chain attached to the winch for optimum log handling	○	○	○	○	○	4	
F0003978	Adapter, converter from 3-pin continuous current socket to 7-pin Euro plug for vehicle lighting	○	×	×	○	○	1	

○ optional × not available ✓ standard equipment

WINCH

Large trunks that cannot be moved by hand are effortlessly pulled towards the machine by the hydraulic winch, which has an impressive pulling force of up to 750 kg. It can be operated either manually or via a radio control system. The rope can be fed out at any speed, whilst the brake on the rope drum prevents it from becoming tangled. The block strip hook, which is included in the scope of delivery, is used to secure the rope to the trunk. The high attachment point integrates the winch seamlessly into the operating system and allows it to be conveniently folded away for transport. A 12 V, 3-pin continuous-current socket on the tractor is required to operate the winch. An additional support leg and a limit on the tensile force of 500 kg ensure the necessary stability for the longitudinal chassis. Two different gripping tongs and a chain with two block strip hooks are available as optional extras for log handling. The machine is designed as standard to accommodate the retrofitting of a winch.



GRIPPING TONGS

Would you like to attach the winch cable to the log more easily and quickly? Two grippers are available for different trunk diameters. The built-in torsion spring ensures a secure hold, even when there is no tension on the cable. If the gripper is not in use, there is a separate parking device on the winch.



2-HOOK STRIPPER

Would you like to attach the rope to the trunk using a chain and two block strip hooks instead of the standard block strip hook, in order to pull large logs towards the machine even more safely? The block strip hooks are driven into the trunk, ensuring a secure hold.



Accessory equipment SplitMaster 26 | SplitMaster 30

For more power and comfort during producing firewood.

Article no.	Name	Type PZG SPEED	Type E7.5D-400 SPEED	Type E15D-400 SPEED	Type PZG-E7.5D- 400 SPEED	Type PZG-E15D- 400 SPEED	Weight ~ kg	
		Type PZG	Type E7.5D-400	Type E15D-400	Type PZG-E7.5D-400	Type PZG-E15D-400		
F0004130	Hand pump for lubricating the pressure piece	○	○	○	○	○	3	
F0004131	Extension of the splitting trough so that the short timber is centred directly against the pressure piece during the splitting process, thereby ensuring it is split perfectly	○	○	○	○	○	9	
F0004150	Lighting unit, clip-on type for transporting the machine with a Category three-point linkage II in low light conditions	○	○	○	○	○	5	
F0001806	Hour meter with digital display of hours and PTO speed, suitable for machines driven by a tractor PTO shaft	○	×	×	○	○	1	
F0002179	Hour meter with analogue display, suitable for machines with a 400 V electric motor drive	×	○	○	○	○	1	
Z2000653	Walterscheid W-Line universal joint shaft	○	×	×	○	○	12	

○ optional × not available ✓ standard equipment

SPLITTING TROUGH EXTENSION

Would you like to carry out splitting on both metre-long and short timber? The splitting trough extension ensures that even short trunks are centred perfectly in the splitting trough right up to the splitting blade, preventing the material from falling out.



hour meter

Would you like to rent out your machine or keep an eye on the operating time? A suitable operating hours counter is available for each drive variant, allowing you to read off the exact machine running time.



HAND PUMP

Do you still use a brush to apply it? It's easier with the SplitMaster: A hand lever on the grease pump, located directly at the control station, allows the pressure piece to be greased conveniently and efficiently.



PLUG-IN LIGHTING UNIT

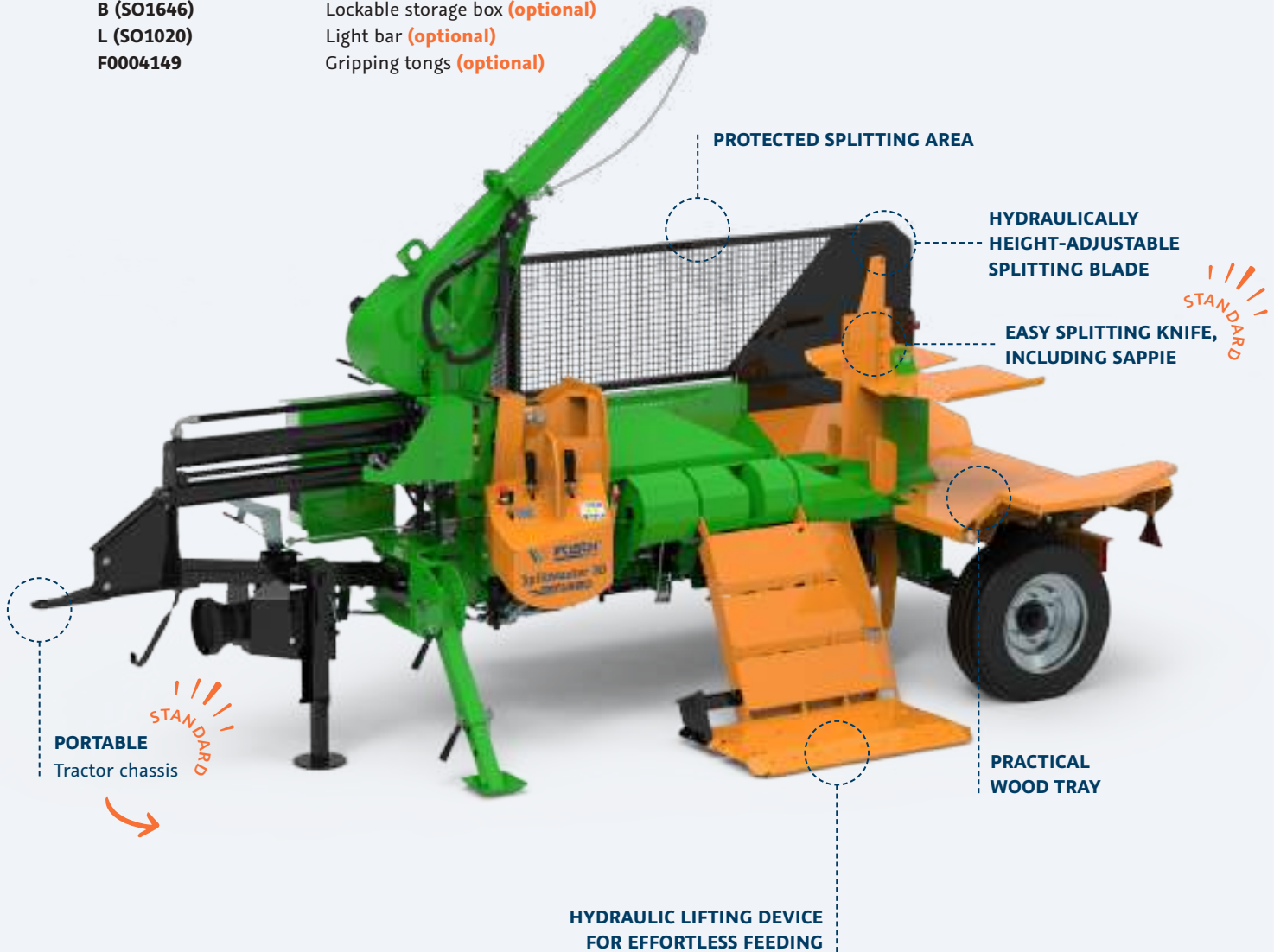
Do you want to ensure your safety, even in traffic or in poor lighting conditions? Here, the clip-on lights – complete with cables and plugs – available at bring light to the dark for machines with a three-point linkage. (Note: (A 7-pin lighting plug on the tractor is required for the connection.)

SplitMaster Turbo with longitudinal chassis

▶ Autospeed

Here you see the following configuration example:

Item no: M8490NTGY	SplitMaster 30 PZG-E15D-400-Turbo
Item no:	"750" winch, radio-controlled and manually operated (optional)
P (SO1645)	Easy-PRO additional cutting for easy gap gauge (optional)
B (SO1646)	Lockable storage box (optional)
L (SO1020)	Light bar (optional)
F0004149	Gripping tongs (optional)



TRUNK Ø
max. 80 cm



LOG LENGTH
max. 125 cm



**SPLITTING
FORCE**
max. 30 t



SUPPLY/RETURN
36 | 50 cm/s



PROCESSING VOLUME
more than 20 cubic
metres / year



WEIGHT
at least 1850 kg

Highlights



PROTECTED SPLITTING AREA

Innovative design for your safety: Our well-thought-out concept protects you and everyone in the work area! It comprises a protective grille at the rear of the SplitMaster, a spacious wood tray and a hydraulic lifting mechanism, which must be in a horizontal position in order to start the splitting process. This ensures that safety is maintained for everyone involved.



TRACTOR CHASSIS

To extend its operating range, the SplitMaster Turbo is equipped with a tractor chassis and a tow eye. The chassis consists of a drawbar, a tow eye, an axle with two wheels, a mechanical support leg and a parking brake (without lighting). Transport, as well as Driving speeds on public roads must be checked on a country-by-country basis.



HYDRAULIC LIFTING DEVICE FOR EFFORTLESS FEEDING

It lifts the trunk into the splitting area, takes the strain off your back and provides extra storage space. A stop plate positions the trunk perfectly and prevents jamming as it passes into the splitting area. The bevelled lifting device, with no sharp edges, allows the timber to be effortlessly pulled back or pushed back from the control station or the wood tray. For added safety, the splitting process cannot be initiated until the hydraulic lifting mechanism is in a horizontal position.



HYDRAULIC HEIGHT-ADJUSTABLE SPLITTING BLADE

To ensure that the log is always split down the middle, thereby achieving optimum wood quality, the splitting blade can be easily adjusted hydraulically for height. This means it can be flexible in its adjustment to suit different wood diameters. The blade adjustment is conveniently performed using two joystick push-buttons with a two-hand control system or, alternatively, via a control box on the safety guard. This allows the second person at the wood-cutting table to position the knife precisely. Three notches on the base frame mark the reference points 7 cm, 10 cm and 13 cm to facilitate the positioning of the splitting blade.



PRACTICAL WOOD TRAY

Thanks to the standard wood tray, logs remain at a convenient height after splitting and can be put away straight away or split again. The recessed grip makes it easier to grasp and remove items. Part of the shelf can be folded up for storage and transport.

EASY GAP GAUGE INCLUDING SAPPIE

The standard easy gap gauge makes it easier to split large trunks: The lower logs are already the desired size after the first splitting process, whilst the upper ones rest on the knife and can be split further until the desired log quality is achieved.



STANDARD

That's a point in the SplitMaster's favour!

SAFE AND COMFORTABLE TWO-HANDED CONTROL

The two-hand operation is positioned at an ergonomic height; the splitting process is initiated by pulling both joysticks simultaneously. This requires the hydraulic lifting device to be in a horizontal position. The splitting process remains active as long as the joysticks are held pulled back. When both joysticks are released, the pressure piece returns automatically to its starting position without any further action being required.



SAFETY SHUT-OFF DAMPER

For increased safety: If a piece of wood gets behind the pressure piece, the safety shut-off flap stops the pressure piece from moving in.



WELL-DESIGNED SLATTED TROUGH SHAPE

Thanks to the innovative design of the splitting trough, the trunk is automatically centred during feeding, so that it does not need to be constantly adjusted by hand. This enables you to work much more efficiently, as fewer interventions are required. It has no protruding edges and is bevelled towards the wood tray, so that logs to be split further can be easily removed from both the wood tray and the splitting blade. You'll save both energy and time.



INNOVATIVE PRESSURE PIECE

The special design of the pressure piece minimises the risk of the material being pressed between the plates slipping or shifting.



SMALL NOTCHES – A BIG HELP

The three notches on the base frame serve as a guide to help you easily position the log splitter at the desired log height. They state on that the log lengths of 7 cm, 10 cm and 13 cm are to be used as a guide.



SIMPLE, TOOL-FREE ADJUSTMENT OF THE SPLITTING STROKE

Unnecessary empty runs when splitting short timber logs cost time! Work more efficiently by simply adjusting the splitting stroke to the desired log length at a comfortable operating height on – without any tools and in just a few simple steps.

SplitMaster

THE ALL-ROUNDER IN METRE-LONG TIMBER

Over the years, the SplitMaster has proven its worth in numerous variants – from the compact short log splitter with 9 tonnes of splitting force right through to the powerful model with 55 tonnes, complete with a crane. Following a change in the law in 2018, a number of models were withdrawn from the range.

Nowadays, the full-length log splitter is equipped as standard with a safety guard and a lifting mechanism, so you can work even more safely. Despite this change, the SplitMaster remains as versatile as ever!

Nice to know!

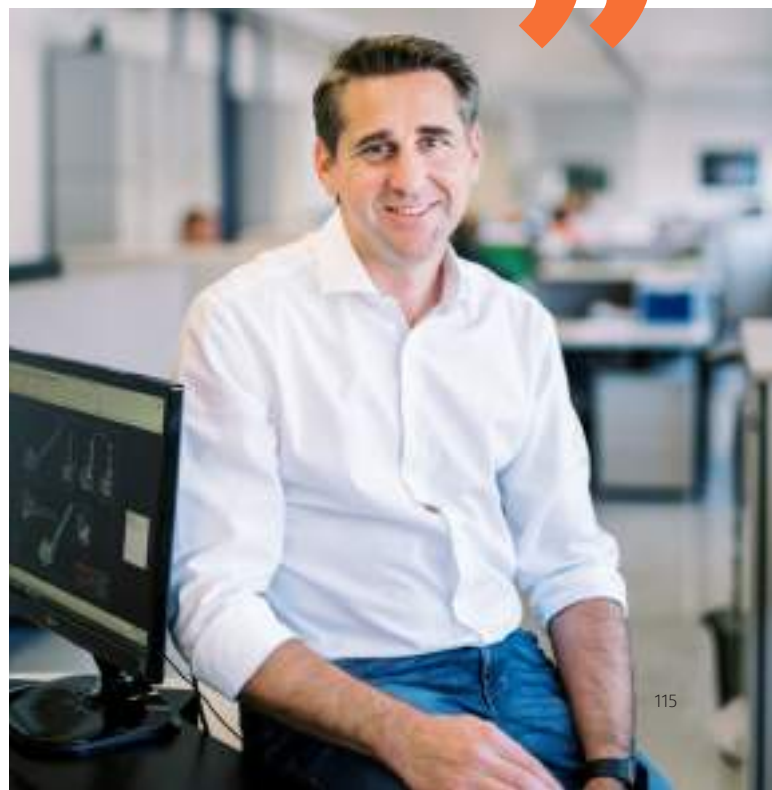
Over 20 years ago, we exported a SplitMaster to Sri Lanka, where it is presumably still being used today to process rubber trees and other materials into firewood.

FROM THE TECHNOLOGY SECTION

As a development engineer, you don't just develop a product from a technical perspective; you also support it with passion. For me, the SplitMaster is exactly that sort of product. Here at POSCH, we have been continuously developing the SplitMaster since 1999, in direct dialogue with the people who use it every day. Our aim has always been clear: greater performance, less strain and maximum safety, even when operated by several people. Given the current stage of development, we have focused on productivity and efficiency. The SplitMaster is specifically designed for the cost-effective production of modern, small log sizes and achieves a noticeably higher working speed. An idle cycle lasting around six seconds ensures a constant workflow, whilst the reduced pump flow rate results in lower energy consumption.

I am particularly proud of the operating philosophy. The electric splitting blade adjustment, controlled directly via the joysticks, allows adjustments to be made whilst the splitting process is in progress, without having to change your grip and without interrupting the process. Combined with the automatic return stroke, the number of steps required is kept to a minimum. For me, the SplitMaster is now far more than just a log splitter. It is the result of 25 years of development and a commitment to building a machine that makes a difference every day.

ERWIN REITER
HEAD OF PRODUCT DEVELOPMENT



SplitMaster 30 Turbo longitudinal chassis Overview

Drive	Drive 1	Tractor PTO shaft	Electric motor	Hybrid drive: Tractor PTO shaft
	Drive 2	-	-	Electric motor
	Type	PZG-Turbo	E15D-400-Turbo	PZG-E15D-400-Turbo
Basic model	Two-hand operation with 2 joysticks	✓	✓	✓
	Automatic return of the pressure piece when the two-handed control is released	✓	✓	✓
	2 control buttons on the joystick for blade adjustment	✓	✓	✓
	Control box for starting and stopping the system, including an emergency stop button in the operating area	✓	✓	✓
	Additional control box including emergency stop via the wood tray	✓	✓	✓
	Two-cylinder system	✓	✓	✓
	Easy gap gauge	✓	✓	✓
	adjustable splitting stroke	✓	✓	✓
	Hydraulic splitting knife adjustment	✓	✓	✓
	Hydraulic log lifting device	✓	✓	✓
	Wood tray	✓	✓	✓
	T-type tractor chassis	✓	✓	✓
Technical data	Splitting force max. t	30	30	30
	Minimum log diameter (cm)	8	8	8
	Log diameter max. cm	80	80	80
	Log length min. cm	55	55	55
	Log length max. cm	125	125	125
	Cylinder stroke max. mm	1,300	1,300	1,300
	Preliminary feed, stage 1, drive 1 cm/s	10	8	10
	Feed, stage 2, drive 1 cm/s	36	33	36
	Return drive 1 cm/s	50	43	50
	Supply stage 1 Drive 2 cm/s	-	-	8
	Supply stage 2 Drive 2 cm/s	-	-	33
	Return drive 2 cm/s	-	-	43
	Electric motor power rating S1 kW	-	11	11
	Power specification electric motor S6 kW	-	15	15
	Automatic star-delta start	-	✓	✓
	Motor protection switch	-	✓	✓
	Phase inverter	-	✓	✓
	Rotation field detection	-	✓	✓
	Two-stage pump	-	✓	✓
	Power grid Mains power requirements	-	3 x 400 V, 50 Hz, CEE 32 A	3 x 400 V, 50 Hz, CEE 32 A
	Average power consumption kWh*	-	5.5 – 7.5	5.5 – 7.5
	Power requirement PTO kW	28	-	28
	PTO speed (rpm)	300 – 480	-	300 – 480
	Max. PTO speed for 2h rpm **	540	-	540
	Joint shaft required	Yes	-	Yes
	Hydraulic oil tank capacity l	74	74	74
	Weight kg	1,850	1,860	1,950

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.

** For machine with winch max. 480

SplitMaster 30 Turbo longitudinal chassis Overview

Drive	Drive 1	Tractor PTO shaft	Electric motor	Hybrid drive: Tractor PTO shaft
	Drive 2	-	-	Electric motor
	Type	PZG-Turbo	E15D-400-Turbo	PZG-E15D-400-Turbo
Special equipment	Easy-PRO additional cutting edges	○	○	○
	Oil cooler	○	○	○
	Lockable storage box	○	○	○
	750 FH winch	○	○	○
	750 HW winch	○	○	○
	Low-profile tow eye	○	○	○
	Light bar	○	○	○
	Floor-standing model without an axle	○	○	○
Splitting blade	Easy splitting knife	✓	✓	✓
	2-way slotted blade	○	○	○
	Combined 2-way and 4-way splitting blade	○	○	○
	Combined 2-way and 6-way splitting blade	○	○	○
	Combined 2-way and 8-way splitting blade	○	○	○
	Combined 2-way and 4-way and 12-way splitting blade	○	○	○
Accessory equipment	Drive shaft	○	×	○
	Splitting trough extension	○	○	○
	Hand pump for central lubrication	○	○	○
	Gripping tongs	○	○	○
	2-hook stripper	○	○	○
	Hour meter	○	○	○
Transport	T-type tractor chassis	✓	✓	✓

○ optional × not available ✓ standard equipment

Basic model SplitMaster 30 Turbo with longitudinal chassis ▶ Autospeed

Unbeatable for large volumes of timber and consistently high performance, with a longitudinally mounted tractor chassis for mobile use.

Article no.	Type	Name	Drive	Supply stage 1 cm / s	Supply stage 2 cm / s	Return Cm/s	Split- ting force t	Weight ~ kg
M8480NTGY	PZG-Turbo	Tractor chassis aligned lengthways to the splitting direction, driven by the tractor PTO shaft, required PTO speed 300–480 rpm, power requirement 28 kW, max. log length 125 cm, two-cylinder system for increased power, two-hand operation via 2 joysticks, each with 2 control buttons, additional control box above the wood tray and emergency stop function, adjustable splitting stroke, Easy gap gauge with Sappie, hydraulic blade adjustment, hydraulic lifting mechanism with stop plate, protected splitting area via safety guard and wood tray with recessed grip. PTO shaft required!		10	36	50	30	1,850
M8485NTGY	E15D-400-Turbo	Tractor chassis aligned lengthways to the splitting direction, driven by a 15 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 32 A, automatic star-delta start, motor protection switch with phase inverter and rotation field detection, max. log length 125 cm, two-stage pump, two-cylinder system for increased power, two-hand operation via 2 joysticks, each with 2 control buttons, additional control box above the wood tray and emergency stop function, adjustable splitting stroke, Easy gap gauge with Sappie, hydraulic blade adjustment, hydraulic lifting mechanism with stop plate, protected splitting area via safety grille and wood tray with recessed handle.		8	33	43	30	1,860
M8490NTGY	PZG-E15D-400-Turbo	Tractor chassis aligned lengthways to the splitting direction, driven by the tractor PTO shaft, required PTO speed 300–480 rpm, power requirement 28 kW, and driven by a 15 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 32 A, automatic star-delta start, motor protection switch with phase inverter and rotation field detection, max. log length of 125 cm, two-stage pump, two-cylinder system for increased performance, two-hand operation via 2 joysticks, each with 2 control buttons, additional control box above the wood tray and emergency stop function, adjustable splitting stroke, Easy gap gauge with Sappie, hydraulic blade adjustment, hydraulic lifting mechanism with stop plate, protected splitting area with safety grille and wood tray with recessed handle. PTO shaft required!	 	10	36	50	30	1,950



TWO-CYLINDER SYSTEM

With the SplitMaster Turbo, you can work faster than ever before: the ingenious two-cylinder system ensures high forward and reverse speeds. As a result, the pressure piece returns to its starting position much faster – downtime is minimised, valuable time is saved and throughput is increased.

A hydraulic cylinder, combined with the intelligent Autospeed function, ensures high splitting speed with minimal effort. The system automatically detects when additional splitting force is required and activates the second cylinder automatically – ensuring maximum efficiency and consistently powerful performance.

Special equipment SplitMaster 30 Turbo with longitudinal chassis

Optional – multiple selections allowed! Can be retrofitted in some cases; see the table of retrofit kits.

! Only possible with original equipment, incl. installation.

Article no.	Name	Type PZG-Turbo	Type E15D- 400-Turbo	Type PZG- E15D-400- Turbo	Weight ~ kg
P (SO1645)	Easy-PRO additional cutting blades for easy gap gauge. Hydraulically engageable, spring-loaded vertical cutting edges, positioned beneath the cross-cutting edge of the Easymesser, each at a distance of approximately 90 mm to the left and right of the main cutting edge. Operated via two push-buttons on the joystick or via the control box above the wood tray. Consisting of: two cutting edges, two hydraulic cylinders, hydraulic pipework and a solenoid valve.	○	○	○	40
C (SO1029)	Surcharge for an oil cooler for continuous operation (recommended for operating times of 4 hours or more, or when operating at temperatures above 30°C). This reduces wear and tear, thereby ensuring a longer service life for the hydraulic components. A 12 V, 3-pin continuous-current socket on the tractor is required to operate the oil cooler.	○	○	○	30
B (SO1646)	Lockable storage box. Protected storage space integrated flush into the machine frame. Consisting of: sturdy transport box, height-adjustable storage compartment, door supported by two gas springs, including a locking mechanism. Dimensions max.: 980 mm x 350 mm x 500 mm	○	○	○	40
ST (SO1217)	Stationary model without axle for stationary operation around the house and yard	○	○	○	1

○ optional ✕ not available ✓ standard equipment

ERGONOMIC AND USER-FRIENDLY OPERATING CONCEPT

Ergonomic, comfortable and Practical: all functions can be conveniently controlled from the operator's station.

Start/Stop and emergency stop buttons, two joysticks for two-hand operation, each with two buttons for height adjustment of the splitting blade and optional EasyPro cutting. An additional lever for convenient control system for the lifting mechanism. Positioned ergonomically right next to the log feed table, for splitting blade adjustment and optional EasyPro cutting. Saves time and reduces the need for corrections. Integrated emergency stop switch for added safety.



SAFELY STOWED AWAY – CLEVERLY INTEGRATED



The lockable storage box is integrated flush into the machine frame. It is equipped with a height-adjustable storage compartment that can be bolted into place at various heights and serves as a secure storage space for the convenient transport of additional work equipment – a functional and well-thought-out solution. Two gas springs hold the flap securely in the open position and ensure it closes smoothly to ensure safety.

PRO-CUTTING IN ACTION



Save time, reduce the need for further sorting: Logs are split directly into four pieces by the Easymesser's cross-cutting blade, reducing the need for further splitting. Large logs can be split directly during the splitting process using the switchable vertical blades positioned beneath the Easymesser cross-cutting blade (spacing approx. 90 mm), saving time and reducing the need for re-splitting. They are controlled via two buttons on the joystick or the control box and moved up and down by hydraulic cylinders. When the pressure piece is retracted, the cutting edges are automatically lowered. They are mounted at a slight angle and are flexible, which makes the splitting process easier and protects against damage.

Winches SplitMaster 30 Turbo with longitudinal chassis

Looking for a powerful helper that makes producing firewood more comfortable?

POSCH winches pull every trunk effortlessly towards the machine.

Optional – multiple selections allowed!

Article no.	Name	Type PZG-Turbo	Type E15D-400-Turbo	Type PZG-E15D-400-Turbo	Weight ~ kg	
FH (SO1215)	'750' winch, radio-controlled and manually operated, 500 kg pulling force, 40 m rope, unlimited rope-pay-out speed. A 3-pin 12 V continuous current socket is required on the tractor to operate a winch.	○	○	○	238	
HW (SO1214)	'750' winch, hand-operated, 500 kg pulling force, 40 m of rope, unlimited rope-unwinding speed. A 3-pin 12 V continuous current socket is required on the tractor to operate a winch.	○	○	○	230	
F0004148	Gripping tongs with torsion spring for a winch, up to a log diameter of 65 cm	○	○	○	8	
F0004149	Gripping tongs with torsion spring for a winch, up to a log diameter of 80 cm	○	○	○	9	
F0002605	2-hook stripper for up to 1,000 kg, chain for winch 1 m length for optimum trunk support	○	○	○	4	
F0003978	Adapter, converter from 3-pin continuous current socket to 7-pin Euro plug for vehicle lighting	○	×	○	1	

○ optional × not available ✓ standard equipment

WINCH

Large logs that cannot be moved by hand are effortlessly pulled towards the machine by the hydraulic winch, which has an impressive pulling force of up to 500 kg.

It can be operated either manually or via a radio control system.

The rope can be fed out at any speed, whilst the brake on the rope drum prevents it from becoming tangled. The block strip hook, which is included in the scope of delivery, is used to secure the rope to the trunk.

The high attachment point integrates the winch seamlessly into the operating system and allows it to be conveniently folded away for transport.

A 12 V, 3-pin continuous-current socket on the tractor is required to operate the winch.

An additional support leg ensures the necessary stability. Two different gripping tongs and a chain with two block strip hooks are available as optional extras for log handling.

The machine is designed as standard to accommodate the retrofitting of a winch.



GRIPPING TONGS

Would you like to secure the winch rope to the log more easily and fast at

? Two grippers are available for different trunk diameters. The built-in torsion spring ensures a secure hold, even when there is no tension on the cable. If the gripper is not in use, there is a separate parking device on the winch.



2-HOOK STRIPPER

Would you like to attach the rope to the trunk

using a chain and two block strip hooks instead of the standard block strip hook, in order to pull large logs towards the machine even more safely? The block strip hooks are driven into the trunk, ensuring a secure hold.

SplitMaster 30 Turbo longitudinal chassis

Mobile use – even outside the house and yard.

Optional – multiple selections allowed!



Only possible with original equipment, incl. installation.

Article no.	Name	Type PZG-Turbo	Type E15D-400-Turbo	Type PZG-E15D-400-Turbo	Weight ~ kg	
X (SO1022)	Low-profile tow eye with top-mounted tractor drive with PTO shaft, drawbar height 500 mm	○	○	○	16	
L (SO1020)	Light bar (for machines with T-type tractor chassis), Including rear lights, cables and plugs, for greater safety in traffic or in poor lighting conditions	○	○	○	4	
YDE142	Individual operating licence, model classification for Austria/Germany: HydroCombi, SplitMaster, Polly	○	○	○	1	

○ optional ✗ not available ✓ standard equipment

LOW-PROFILE TOW EYE (X)

The SplitMaster Turbo is available a low-profile tow eye with a drawbar height of 50 cm is available. It allows for a low attachment point on the tractor.

Advantage: The lower pulling point reduces the lever arm acting on the trailer, thereby minimising the risk of the trailer rearing up or tipping over – a safety benefit when setting off and on slopes.

With this option, the tractor drive unit with PTO shaft is located above the drawbar.



LIGHT BAR (L)

Do you want to ensure your safety, even in traffic or in poor lighting conditions? This is made possible by the light bar, including rear lights, cables and plugs, for machines fitted with the T tractor chassis.

Note: A 7-pin lighting plug on the tractor is required for the connection.

SplitMaster 30 Turbo splitting blade with longitudinal chassis

Optional – multiple selections allowed!

The Easy-Spaltemesser with Sappie is included as standard on every machine model. A separate mounting bracket is supplied with every additional splitting blade you order, so that you can fit it to your machine. All splitting blades are fitted with a recess to allow them to be lifted effortlessly using lifting tools. To achieve the best possible quality of firewood from the following splitting blades are available:

Article no.	Name	Splitting blade	Type PZG-Turbo	Type E15D-400-Turbo	Type PZG-E15D-400-Turbo	Weight ~ kg
F0003141	Easy splitting knife with Sappie, for effortlessly handling large trunk diameters. The Sappie makes it easier to pull the logs back for the next splitting operation. Log diameter, which can be used for splitting along the middle with this knife: 2-way: 8–28 cm, for log grades D10–D30. 4-way: 8–50 cm, for log grades D5–D35. Larger diameters and higher-quality firewood can be achieved by re-splitting. Included as standard in the basic model.		✓	✓	✓	94
F0003074	2-way slotted blade; log diameter that can be split down the middle using this knife: 2-way: 8–80 cm, for log grades D10–D30. It is possible to produce finer-quality firewood by splitting the logs further.		○	○	○	40
F0003075	Combined 2-way and 4-way slotted blade; trunk diameter that can be split down the middle with this blade: 2-way: 8–28 cm, for log grades D10–D30. 4-way: 8–50 cm, for log grades D5–D35. It is possible to produce finer-quality firewood by splitting the logs further.		○	○	○	50
F0003044	Combined 2-way and 6-way splitting blade; trunk diameter that can be split down the middle with this blade: 2-way: 8–25 cm, for log grades D10–D25. 6-way: 15–50 cm, for log sizes D10–D25. It is possible to produce finer-quality firewood by splitting the logs further.		○	○	○	63
F0003069	Combined 2-way and 8-way slotted blade; trunk diameter that can be split down the middle using this knife: 2-way: 8–22 cm, for log sizes D10–D25. 8-way: 15–50 cm, for log sizes D10–D25. It is possible to produce finer-quality firewood by splitting the logs further.		○	○	○	70
F0004533	Combined 2-way, 4-way and 12-way splitting blade (ring diameter 250 mm), for logs up to 50 cm in length and diameter. Log diameter that can be split down the middle using this knife: 2-way: 8–15 cm, for firewood grades D10–D15. 4-way split: 8–15 cm, for log grades D5–D10. 12-way: 30–50 cm, for firewood of grade D15–D20. It is possible to produce finer-quality firewood by splitting the logs further.		○	○	○	62

○ optional ✕ not available ✓ standard equipment

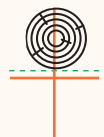
An overview of SplitMaster splitting blade variants



- The 2-way and 4-way easy gap gauge, including the Sappie, is fitted as standard on every machine type.
- A separate mounting bracket is supplied with each additional splitting blade you order, so that you can fit it to your machine.
- All splitting blades are fitted with a recess to allow them to be lifted effortlessly using lifting tools.
- Large logs can be split directly during the splitting process using the switchable vertical blades located beneath the Easymesser cross-cut blade, saving time and reducing the need for re-splitting.

To ensure you achieve the best possible log quality, the following splitting blades are available:

2-WAY AND 4-WAY SLOTTED BLADE



2-way
 $\varnothing$ 8–28 cm
 Firewood quality
 D10 – D30

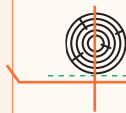
Hydraulically height-adjustable splitting blade, a 2-way slotted blade becomes a 4-way splitting blade



4-way
 $\varnothing$ 8–50 cm
 Firewood quality
 D5 – D35

STANDARD

EASY SPLITTING KNIFE, INCLUDING SAPPIE

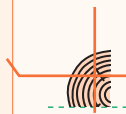


2-way
 $\varnothing$ 8–28 cm
 Firewood quality
 D10 – D30



4-way
 $\varnothing$ 8–50 cm
 Firewood quality
 D5 – D35

The Sappie makes it easier to pull the logs back for the next splitting operation.



Prevents the split logs from falling

PRO-CUTTING IN ACTION

Logs are split directly into four pieces by the Easymesser's cross-cutting blade, reducing the need for further splitting. Large logs can be split directly during the splitting process using the switchable vertical blades positioned beneath the Easymesser cross-cutting blade (spacing approx. 90 mm), saving time and reducing the need for re-splitting. They are controlled via two buttons on the joystick or the control box and operated by hydraulic cylinders moves up and down. When going back—when the pressure piece is lowered, the cutting edges are automatically lowered. You are mounted at a slight angle and are flexible, which makes the splitting process easier and protects against damage.



The optional vertical cutting blades cut the wood again whilst it is being split.

OPTIONAL

2-WAY AND 6-WAY SLOTTED BLADE



2-way
 $\varnothing$ 8–25 cm
 Firewood quality
 D10 – D25

Hydraulically height-adjustable splitting blade, a 2-way slotted blade becomes a 6-way splitting blade



6-way
 $\varnothing$ 15–50 cm
 Firewood quality
 D10 – D25

2- AND 8-WAY SLOTTED BLADE



2-way
 $\varnothing$ 8–22 cm
 Firewood quality
 D10 – D25



Hydraulically height-adjustable splitting blade, a 2-way slotted blade becomes an 8-way splitting blade

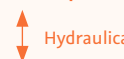


8-way
 $\varnothing$ 15–50 cm
 Firewood quality
 D10 – D25

2-WAY SLOTTED BLADE



2-way
 $\varnothing$ 8 – 80 cm
 Firewood quality
 D10 – >D30



Hydraulically height-adjustable splitting blade

2-, 4-WAY AND 12-WAY SLOTTED BLADE

For SplitMaster 30 only!



2-way
 $\varnothing$ 8–15 cm
 Firewood quality
 D10 – D15

Hydraulically height-adjustable splitting blade

4-way
 $\varnothing$ 8–15 cm
 Firewood quality
 D5 – D10



12-way
 $\varnothing$ 30–50 cm
 Firewood quality
 D15 – D20



**PRACTICAL:
 THE LOG-SPLITTING BLADE PARKING DEVICE**

Accessory equipment SplitMaster 26 | SplitMaster 30

For more power and comfort during producing firewood.

Article no.	Name	Type PZG SPEED	Type E7.5D-400 SPEED	Type PZG-E15D- 400 SPEED	Weight ~ kg	
F0004130	Hand pump to lubricate the pressure piece	○	○	○	3	
F0004131	Extension of the splitting trough so that the short timbers are centred directly against the pressure piece during the splitting process, thereby is split optimally	○	○	○	9	
F0001806	Hour meter with digital display of hours and PTO speed, suitable for machines with tractor PTO shafts and, about the SchälProfi, also for hybrid drive: Tractor PTO shaft and electric motor.	○	×	○	1	
F0002179	Hour meter with analogue display, Suitable for machines with a 3 x 400 V, 50 Hz electric motor drive	×	○	○	1	
ZZ000653	Walterscheid W-Line universal joint shaft	○	×	○	12	

○ optional × not available ✓ standard equipment

SPLITTING TROUGH EXTENSION

You'd like to work alongside Meter. Can it perform splitting on short timber too? The splitting trough extension ensures that even short trunks are centred perfectly in the splitting trough right up to the splitting blade, preventing the material from falling out.



HOURLY METER

Would you like to rent out your machine or keep an eye on the operating time? A suitable operating hours counter is available for each drive variant, allowing you to read off the exact machine running time.



HAND PUMP

Do you still use a brush to apply it? It's much easier with the SplitMaster: The hand lever on the grease pump – located directly at the control station – allows the pressure piece to be greased fast and efficiently.





TRACTOR DRIVE WITH A PTO SHAFT

Do you also work outside of House and garden? Your tow truck can Transport the machine by the tow eye and, using the optional Drive shaft at the desired Drive to the scene.



ELECTRIC DRIVE

Look after yourself and the environment: the electric motor runs quietly and can be powered by electricity from renewable sources. These solutions help to reduce air pollution and do not produce any harmful exhaust fumes in your working environment. The low-noise electric drive is available with a 15 kW electric motor (requiring a CEE 32 A power connection). The built-in motor protection ensures a long service life by protecting against thermal overload. Rotation direction detection prevents the motor from running in the wrong direction, whilst the phase inverter allows the direction of rotation to be easily corrected. The automatic star-delta start ensures a low starting current. The pressure cut-off valve on the fitted triple-stage pump reduces the required drive power by pressure-regulating the shutdown of one pump stage when the gap load is high. This means that a fast work cycle is also possible with the electric drive.



HYBRID DRIVE

Whether it's a tugboat or an electric motor – your machine is always ready for action! The hybrid drive combines the advantages of a tractor PTO shaft and an electric motor, allowing you to remain flexible both on the farm and in the forest: Your tractor can tow the machine using the tow eye and power it at the desired location using the optional drive shaft. The electric motor runs quietly and can be powered by electricity from renewable sources. These solutions help to reduce air pollution and do not produce any harmful exhaust fumes in your working environment. In addition, electric drives offer significant cost savings compared with conventional internal combustion engines. The electric motor's low energy consumption reduces running costs, and the electric drive system is also easy to maintain. This combined option therefore offers a sustainable, low-noise and cost-effective solution.



EVEN AT TURBO SPEED IN TRANSPORT POSITION

The SplitMaster Turbo can be moved into the transport position fast and without the need for tools. The solid lifting device is swivelled into the transport position using the hydraulic cylinder and locked in place. Part of the wood support is swivelled into place and locked.

Automatic kindling and firewood dispensers

	AutoSplit 250	AutoSplit 375	AutoLogger 420
			
Application Category	Kindling	Firewood and kindling	Firewood and kindling
Incoming timber	Softwood	Softwood and hardwood	Softwood and hardwood
Log length max. cm	20	42	33
Max. wood diameter (cm) Max. timber edge length (cm)	Round timber, diameter 25 ; square timber, 20 ; optional for boards and pork rinds	Round timber, diameter 37.5 ; square timber, □ 30	Round timber, diameter 41 ; square timber, □ 35
Output: kindling, approx. bags/h	50 – 100 *	100	120
Output: kindling, max. srm/h	1 – 2 *	1.5	1.5
Firewood throughput, max. srm/h	–	10	12
Drive types	   	   	  
Packaging in bags for kindling	loose or layered	loose or layered	loose or layered

* depending on the type of drive

Drive types



Electric motor



Tractor PTO shaft



Hybrid drive



Petrol/Diesel

Overview of the different grades of firewood

AutoSplit					Log diameter									
Log size	typ. min. – max. Processing diameter [cm] Length of firewood L	Splitting system	Gap gauge		10	15	20	25	30	35	40	45	50	
					VARIO									
AutoSplit 250	D2	Ø 10 – 25 L12 – L20	VARIO	V-knife	1	1	1	1						
	D5				1	1	1	1						
	D7													
	D10													
	D12													
	D15													
	D20													
AutoSplit 375	D2	Ø 10 – 35 L16 – L42	VARIO	X-knife	2	2	2	2	2	2				
	D5				2	2	2	2	2	2				
	D7													
	D10													
	D12													
	D15													
	D20													
AutoLogger 420	D2	Ø 10 – 40 L12 – L33	VARIO	X-knife										
	D5				3	3	3	3	3	3	3			
	D7													
	D10													
	D12													
	D15													
	D20													

1 Only for high-quality softwood (L12 – 20)

2 Only where the softwood is of good quality (L16 – 25)

3 Only where the softwood is of good quality (L12 – 25)

 ideal area of application

 limited scope of application

AutoSplit 250

For the finest kindling

Expand your product range:

Smaller wood diameters are ideal for making kindling – and that's exactly what the AutoSplit was designed for! Whether for a cosy campfire, your fireplace at home or a pizza oven:

Kindling is always in demand!

The AutoSplit is simply fed with round timber or square timber, and it performs the splitting fully automatically and precisely using a V-shaped knife.

Let's move on to packaging!

Whether in practical mesh bags or eco-friendly cardboard boxes – the various packaging options allow you to pack the logs neatly and conveniently in just a few seconds. This way, splitting wood is not only fast but also environmentally friendly.

AutoSplit 250



in action!



SPLITTER
lying



TRUNK Ø
max. 25 cm



PRODUCES
Kindling





AutoSplit 250

Here you see the following configuration example:

Item no: M6808C

AutoSplit 250, E9-400

Item no: F0002827

Packaging chute including integrated screen surface **(optional)**



TRUNK Ø
max. 25 cm



LOG LENGTH
max. 20 cm



SPLITTING FORCE
max. 5 t



KINDLING PERFORMANCE
max. 2 srm/h



WEIGHT
at least 632 kg

Highlights



FINE, FINER, AUTOSPLIT

Turn offcuts into profitable, clean and finely split kindling that's ideal for lighting a fire. Round timber with a max. diameter of 25 cm and square timber with a max. log edge length of 20 x 20 cm are suitable for this purpose. Make the most of these valuable resources and expand your range of services!



V-SHAPED SPLITTING BLADE FOR THE PRODUCTION OF FINE KINDLING

If you wish to produce the finest kind of kindling, the v-shaped splitting blade ensures precise and efficient splitting of the highest quality, thanks to its innovative cutting-edge design and material displacement. With an adjustable log edge length of 2 to 10 cm, the size of the logs can be flexible adjusted. The use of low-wear steel ensures an exceptionally long service life, guaranteeing high efficiency and durability – even under intensive use.



WORKING CONTINUOUSLY

Whilst the AutoSplit handles the splitting process fully automatically, the buffer is filled with wood, thereby ensuring a continuous workflow. This allows the operator to concentrate fully on feeding the long timber feed chute, which has a convenient height. This ensures an efficient workflow.



EASY TRANSPORT – EVEN WITHOUT A TRACTOR!

Thanks to its large solid rubber wheels (280 mm in diameter) and the standard transport aid, the machine can be moved comfortably and effortlessly by hand from its storage location to the site of operation on level, paved ground.



FOR LOOSE OR LAYERED PACKAGING

We offer a range of systems for packaging logs either loose or in layers. Thanks to the adjustable feet on the base frame, all versions can be used at an ergonomic working height. More information about ' ' on page 139!



TEAR BOARDS AND INTO TINY PIECES!

The single vertical blade turns boards and rinds into profitable firewood. Please order this option when you first set up the AutoSplit 250. See page 138 for more information !



AutoSplit

A BRILLIANT IDEA!

Produce clean, finely split kindling and expand your product range! The raw materials used are round timber with a maximum diameter of 25 cm and square timber up to a max. of 20 x 20 cm.

For smaller log diameters, the V-shaped splitting blade produces kindling of impeccable quality and the ideal size – the log size can be flexibly adjusted from 2 to 10 cm.



Nice to know!

We make a conscious effort to distance ourselves from a throwaway culture, and that is one of the reasons why we guarantee the supply of wear and spare parts for a period of 20 years!

Overview of the different grades of firewood

		Log diameter										
Log size	typ. min. – max. processing diameter [cm] length of firewood L	Splitting system	Splitting blade	10	15	20	25	30	35	40	45	50
				VARIO								
AutoSplit 250	D2	VARIO	V-knife	1	1	1	1					
	D5			1	1	1	1					
	D7											
	D10											
	D12											
	D15											
	D20											

1 Only for high-quality softwood (L12 – 20)

ideal area of application

limited scope of application

That's a good reason to choose the AutoSplit 250!

CONTINUOUS WOOD FEED FROM

Feeding via the timber buffer makes feeding convenient and ensures a continuous workflow. Both round timber and square timber can be processed efficiently, thereby increasing productivity and minimising work interruptions.



EASY TO MAINTAIN!

No time-consuming maintenance: Thanks to the central lubrication rail, which is easily accessible from the outside, the machine can be easily kept in top condition. This minimises the effort involved and maximises the service life.



CONTINUOUSLY VARIABLE ADJUSTMENT OF THE WOOD THICKNESS

Adjust the thickness of the wood fast and tool-free: Using the easily accessible adjustment dial, you can adjust the feed rate continuously variable from 2 to 10 cm per cut and achieve the desired timber thickness.



PROCESSES ROUND TIMBER AS WELL AS SQUARE TIMBER!



Would you like to turn your offcuts into cash too? The AutoSplit enables you to turn round timber (max. 25 cm in diameter) and square timber (max. 20 x 20 cm edge length) into high-quality kindling. With optional special equipment, it can even process softwood offcuts and boards. The machine processes lengths of timber ranging from 12 to 20 cm – a real way to add value to your timber.



AutoSplit 250 Overview

Drive	Drive 1	Electric motor	Electric motor	Electric motor	Tractor PTO shaft
	Drive 2	-	-	-	-
	Type	E7.5-400	E3D-230	E9-400	PZG
Basic model	Firewood category	Kindling	Kindling	Kindling	Kindling
	Type of incoming timber	Softwood	Softwood	Softwood	Softwood
	Adjustable splitting stroke for lengths of 20/25/33 cm	✗	✗	✗	✗
Basic model	Grey cast iron pump	✗	✗	✓	✗
	Aluminium pump	✓	✓	✗	✓
	Oil cooler	○	○	✓	○
Basic model	Splitting blade	V-shaped	V-shaped	V-shaped	V-shaped
	Solid rubber wheels, diameter 280 mm	✓	✓	✓	✓
	Height-adjustable feet	✓	✓	✓	✓
Technical Data	Splitting force max. t	5	4.5	5	5
	Minimum log diameter (cm)	10	10	10	10
	Log diameter max. cm	25	25	25	25
Technical Data	Minimum edge length (square timber) cm	10	10	10	10
	Max. edge length (square timber) cm	20	20	20	20
	Minimum log edge length (cm)	2	2	2	2
Technical Data	Maximum log edge length (cm)	10	10	10	10
	Log length min. cm	12	12	12	12
	Log length max. cm	20	20	20	20
Technical Data	Cylinder stroke max. mm	300	300	300	300
	Weight kg	632	620	680	656
	Splitting cycle, drive 1: approx. sec.	4	5	3	3
Technical Data	Splitting cycle, drive 2: approx. sec.	-	-	-	-
	Performance: Kindling drive 1, max. srm/h	1.5	1	2	2
	Capacity: Kindling Drive 1 approx. bags/h	75	50	100	100
Technical Data	Firewood feed rate, drive 1, max. srm/h	-	-	-	-
	Performance: Kindling drive 2, max. srm/h	-	-	-	-
	Capacity: Kindling Drive 2 approx. bags/h	-	-	-	-
Technical Data	Firewood feed rate, drive 2: max. srm/h	-	-	-	-
	Power rating: S6 kW	7.5	3	9	-
	Motor protection switch	✓	✓	✓	-
Technical Data	Phase inverter / rotation field detection / star-delta start	✓	-	✓	-
	Mains power requirements	3x 400 V, 50 Hz, CEE 16 A	1x 230 V, 50 Hz, CEE 7/3, 16 A	3 x 400 V, 50 Hz, CEE 32 A	-
	Average power consumption kWh*	4.0 – 6.0	1.5 – 2.5	5.0 – 8.0	-
Technical Data	Power requirement PTO kW	-	-	-	10
	PTO speed (rpm)	-	-	-	380
	Joint shaft required	-	-	-	Yes
Technical Data	Internal combustion engine power	-	-	-	-
	Fuel consumption l/h	-	-	-	-
	Fuel tank capacity in litres	-	-	-	-
Technical Data	Hydraulic oil tank capacity l	40	40	40	40
	Length transport / working position mm	1380 / 1400	1400 / 1400	2330 / 1700	1650 / 1650
	Width transport / working position mm	2450 / 3430	3430 / 2420	1400 / 3430	2400 / 3350
Technical Data	Height transport / working position mm	2360 / 1720	2370 / 1720	2350 / 1750	2500/ 1720
	Solid rubber wheels, diameter 280 mm	✓	✓	✓	✓
Transport	Transport aid	✓	✓	✓	✓
	Forklift attachments / Lifting points	✓	✓	✓	✓
	Three-point linkage Cat. I + II	○	○	○	✓
Special equipment	Single blade for kindling made from boards/ rinds	○	○	○	○
	Machine model for short timber	○	○	○	○
	Oil cooler	○	○	✓	○
Accessory equipment	Basic packaging module with swivelling packaging aid	✗	✗	✗	✗
	Packaging chute	○	○	○	○
	Sliding 2-piece frame	○	○	○	○
Accessory equipment	Conversion kit from long to short timber	○	○	○	○
	Hour meter	○	✗	○	○

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.
 ** For machine with winch max. 480

AutoSplit 250 Overview

Drive	Drive 1	Hybrid drive: Tractor PTO shaft	Hybrid drive: Tractor PTO shaft	Hybrid drive: Tractor PTO shaft	Petrol engine
	Drive 2	Electric motor	Electric motor	Electric motor	-
	Type	PZG-E9-400	PZG-E7.5-400	PZG-E3D-230	B16.4
	Firewood category	Kindling	Kindling	Kindling	Kindling
	Type of incoming timber	Softwood	Softwood	Softwood	Softwood
Basic model	Adjustable splitting stroke for lengths of 20/25/33 cm	✗	✗	✗	✗
	Grey cast iron pump	✓	✗	✗	✗
	Aluminium pump	✓	✓	✓	✓
	Oil cooler	✓	○	○	✓
	Splitting blade	V-shaped	V-shaped	V-shaped	V-shaped
	Solid rubber wheels, diameter 280 mm	✓	✓	✓	✗
	Height-adjustable feet	✓	✓	✓	✓
Technical Data	Splitting force max. t	5	5	4.5	5
	Minimum log diameter (cm)	10	10	10	10
	Log diameter max. cm	25	25	25	25
	Minimum edge length (square timber) cm	10	10	10	10
	Max. edge length (square timber) cm	20	20	20	20
	Minimum log edge length (cm)	2	2	2	2
	Maximum log edge length (cm)	10	10	10	10
	Log length min. cm	12	12	12	12
	Log length max. cm	20	20	20	20
	Cylinder stroke max. mm	300	300	300	300
	Weight kg	750	710	695	695
	Splitting cycle, drive 1: approx. sec.	3	3	3	3
	Splitting cycle, drive 2: approx. sec.	3	4	5	-
	Performance: Kindling drive 1, max. srm/h	2	2	2	2
	Capacity: Kindling Drive 1 approx. bags/h	100	100	100	100
	Firewood feed rate, drive 1, max. srm/h	-	-	-	-
	Performance: Kindling drive 2, max. srm/h	2	1.5	1	-
	Capacity: Kindling Drive 2 approx. bags/h	100	75	50	-
	Firewood feed rate, drive 2: max. srm/h	-	-	-	-
	Power rating: S6 kW	9	7.5	3	-
	Motor protection switch	✓	✓	✓	-
	Phase inverter / rotation field detection / star-delta start	✓	✓	-	-
	Mains power requirements	3 x 400 V, 50 Hz, CEE 32 A	3x 400 V, 50 Hz, CEE 16 A	1x 230 V, 50 Hz, CEE 7/3, 16 A	-
	Average power consumption kWh*	5.0 – 8.0	4.0 – 6.0	1.5 – 2.5	-
	Power requirement PTO kW	10	10	10	-
	PTO speed (rpm)	380	380	380	-
	Joint shaft required	Yes	Yes	Yes	-
	Internal combustion engine power	-	-	-	16.4 kW / 22.3 HP
	Fuel consumption l/h	-	-	-	3.0 – 3.5
	Fuel tank capacity in litres	-	-	-	8
	Hydraulic oil tank capacity l	40	40	40	40
	Length transport / working position mm	1750 / 1650	1850 / 1650	1760 / 1650	2330 / 1850
	Width transport / working position mm	2400 / 3350	2500 / 3350	2470 / 3350	1400 / 3350
	Height transport / working position mm	2350 / 1720	2400 / 1720	2360 / 1720	2350 / 1720
Transport	Solid rubber wheels, diameter 280 mm	✓	✓	✓	✗
	Transport aid	✓	✓	✓	✗
	Forklift attachments / Lifting points	✓	✓	✓	✓
	Three-point linkage Cat. I + II	✓	✓	✓	✗
Special equipment	Single blade for kindling made from boards / rinds	○	○	○	○
	Machine model for short timber	○	○	○	○
	Oil cooler	✓	○	○	✓
Accessory equipment	Basic packaging module with swivelling packaging aid	✗	✗	✗	✗
	Packaging chute	○	○	○	○
	Sliding 2-piece frame	○	○	○	○
	Conversion kit from long to short timber	○	○	○	○
	Hour meter	○	○	○	✗

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.

** For machine with winch max. 480

Basic model AutoSplit 250

Turns round or square timber (softwood) into the finest kindling.

Article no.	Type	Name	Drive	Output: kindling, max. srm/h	Output: kindling, approx. bags/h	Splitting cycle, approx. sec.	Split- ting force t	Weight ~ kg
M6805	E7.5-400	AutoSplit 250, E7.5-400, The automatic kindling machine for softwood with 5 t splitting force, driven by a 7.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter and rotation field detection, aluminium pump, adjustable log edge length 2–10 cm, continuous splitting cycle approx. 4 seconds, v-shaped splitting blade, timber feed chute, transport aid, base frame with solid rubber wheels (diameter 280 mm), platform and adjustable feet for adjusting the working height		1.5	75	4	5	632
M6835	E3D-230	AutoSplit 250, E3D-230, The automatic kindling machine for softwood with 4.5 t splitting force, driven by a 3 kW electric motor, S6, 1 x 230 V, 50 Hz, CEE 7/3 16- A, direct start, motor protection switch, aluminium pump, adjustable log edge length 2–10 cm, continuous splitting cycle approx. 5 seconds, v-shaped splitting blade, wood feed chute, transport aid, base frame with solid rubber wheels (diameter 280 mm), platform and adjustable feet for adjusting the working height		1	50	5	4.5	620
M6808C	E9-400	AutoSplit 250, E9-400, The automatic kindling machine for softwood with 5 t splitting force, driven by a 9 kW electric motor, S6, 3 x 400 V, 50 Hz, 50 Hz, CEE 32 A, star-delta start, motor protection switch with phase inverter and rotation field detection, incl. oil cooler and grey cast iron pump, adjustable log edge length 2 – 10 cm, Continuous splitting cycle approx. 3 seconds, v-shaped splitting blade, timber feed chute, transport aid, base with solid rubber wheels (diameter 280 mm), platform and adjustable feet for adjusting the working height		2	100	3	5	680
M6810	PZC	AutoSplit 250, PZC, the automatic kindling machine for softwood with 5 t splitting force, driven by tractor PTO shaft, required PTO speed 380 rpm, power requirement 10 kW, aluminium pump, adjustable log edge length 2 – 10 cm, splitting cycle duration approx. 3 seconds, v-shaped splitting blade, wood feed chute, three-point linkage Cat. I + II, transport aid, base frame with solid rubber wheels (diameter 280 mm), platform and adjustable feet for adjusting the working height. PTO shaft required!		2	100	3	5	656

Basic model AutoSplit 250

Turns round or square timber (softwood) into the finest kindling.

Article no.	Type	Name	Drive	Output: kindling, max. srm/h	Output: kindling, approx. bags/h	Splitting- cycle sec. approx.	Split- ting force t	Weight ~ kg
M6818C	PZG-E9-400	AutoSplit 250, PZG-E9-400, the automatic kindling machine for softwood with 5 t splitting force, driven by the tractor PTO shaft, required PTO speed 380 rpm /min, power requirement 10 kW, aluminium pump, splitting cycle duration approx. 3 seconds, and driven by a 9 kW electric motor, S6, 3x 400 V, 50 Hz, CEE 32 A, star-delta start, motor protection switch with phase inverter and rotation field detection, continuous splitting cycle approx. 3 seconds, incl. oil cooler and low-noise grey cast iron pump, for round timber diameters up to max. 25 cm or square timber up to max. 20 x 20 cm edge length, log lengths 12 – 20 cm, adjustable log edge length 2 – 10 cm, v-shaped splitting blade, wood feed chute, three-point linkage Cat. I + II, transport aid, base with solid rubber wheels (diameter 280 mm), platform and adjustable feet for ergonomic adjustment of the working height. To operate the oil cooler when driven by the tractor PTO shaft, a 3-pin 12 V continuous-current socket on the tractor is required. PTO shaft required!		2	100	3		
				2	100	3	5	750
M6820	PZG-E7.5-400	AutoSplit 250, PZG-E7.5-400, The automatic kindling machine for softwood with 5 t splitting force, driven by tractor PTO shaft, required PTO speed 380 rpm, power requirement 10 kW, aluminium pump, continuous splitting cycle approx. 3 seconds, driven by 7.5 kW electric motor, S6, 3 x 400 V, 50 Hz, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter and rotation field detection, continuous splitting cycle approx. 4 seconds, adjustable log edge length 2–10 cm, v-shaped splitting blade, timber feed chute, three-point linkage Cat. I + II, transport aid, base with solid rubber wheels (diameter 280 mm), platform and adjustable feet for adjustment of the working height. PTO shaft required!		2	100	3		
				1.5	75	4	5	710
M6845	PZG-E3D-230	AutoSplit 250, PZG-E3D-230, the automatic kindling machine for softwood with 4.5 t splitting force, driven by the tractor PTO shaft, required PTO speed 380 rpm, power requirement 10 kW, aluminium pump, splitting cycle duration approx. 3 seconds, driven by a 3 kW electric motor, S6, 1 x 230 V, 50 Hz, CEE 7/3 16 A, direct start, motor protection switch, continuous splitting cycle approx. 5 seconds, for round timber diameters up to max. 25 cm or square timber up to max. 20 x 20 cm edge length, log lengths 12–20 cm, adjustable log edge length 2–10 cm, V-shaped splitting blade, timber feed chute, three-point linkage, Cat. I + II, transport aid, base with solid rubber wheels (diameter 280 mm), platform and adjustable feet for ergonomic adjustment of the working height. PTO shaft required!		2	100	3		
				1	50	5	5	695
M6830C	B16.4	AutoSplit 250, B16.4, the automatic kindling machine for softwood with 5 t splitting force, driven by a 16.4 kW petrol engine, electric starter, incl. oil cooler, aluminium pump, for round timber up to a max. diameter of 25 cm or square timber up to a max. of 20 x 20 cm edge length, log lengths 12 – 20 cm, adjustable log edge length 2 – 10 cm, splitting cycle duration approx. 3 seconds, v-shaped splitting blade, wood feed chute, floor-standing model with platforms and adjustable feet for ergonomic adjustment of the working height.		2	100	3	5	695
YF183		Freight costs: AutoSplit 250 Valid exclusively for deliveries to Austria and Germany.						
YDI141		Commissioning AT/DE						

Special equipment AutoSplit 250



Only possible with original equipment, incl. installation.

Article no.	Name	Type E7.5-400	Type E3D-230	Type E9-400	Type PZG	Type PZG- E9-400	Type PZG- E7.5-400	Type PZG- E3D-230	Type B16.4	Weight ~ kg
D (SO1012)	Surcharge for three-point linkage Cat. I + II for machines with electric motor drive for easier transport with the tractor at right angles to the splitting direction. The three-point linkage Cat. I + II is fitted as standard on machines that are driven by a tractor PTO shaft and in the combined version.	○	○	○	✓	✓	✓	✓	×	57
E (SO1014)	Surcharge for the machine model with a single vertical blade, designed to turn boards and rinds into kindling.	○	○	○	○	○	○	○	○	16
S (SO1011)	Surcharge for a machine model designed exclusively to process short timber measuring 12–15 cm into kindling. This equipment can be retrofitted to existing machines.	○	○	○	○	○	○	○	○	44
C (SO1013)	Surcharge for an oil cooler for continuous operation (recommended for operating times of 4 hours or more, or when operating at temperatures above 30°C). This reduces wear and tear, thereby ensuring a longer service life for the hydraulic components. A 3-pin continuous-current socket (12 V) on the tractor is required to operate the oil cooler.	○	○	✓	○	✓	○	○	✓	18

○ optional × not available ✓ standard equipment

TRANSPORT BY TRACTOR

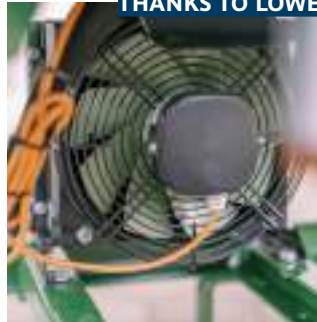
Do you also work outside the home and on the farm? Thanks to the Category I and II three-point linkage, the AutoSplit can be easily transported on the tractor.

For this drive option, a tractor with a PTO shaft is fitted as standard, whilst an electric drive is available as an optional option.



RELIABLE CONTINUOUS OPERATION THANKS TO LOWER OIL TEMPERATURE

Is it important to you to get the most out of your machine? Our tip: Invest in an oil cooler! During continuous operation (4 hours or more per day), this extends the machine's service life as it ensures a consistently low oil temperature, which reduces wear on the hydraulic components. This extends the machine's service life! A 12 V, 3-pin continuous-current socket on the tractor is required to operate the oil cooler.



CHOP UP THOSE BOARDS AND RINDS INTO SMALL PIECES!

The high-quality vertical single blade cutter turns boards and rinds into profitable firewood! Please order this option when you first set up the AutoSplit 250, as it will not be possible to perform retrofitting for round timber or square timber at a later date.



MAKING EFFICIENT USE OF SHORT TIMBER

Do you work with pieces of wood that are shorter than 20 cm? With the "S" option, you can process only short timber measuring 12–15 cm into profitable kindling. This conversion kit can be used for retrofitting on existing machines. Please note: The refurbishment involves a great deal of work!

Accessory equipment AutoSplit 250

Packaging systems compatible with the basic model, for loose and/or bundled logs.

Article no.	Name	Type E7.5-400	Type E3D-230	Type E9-400	Type PZG	Type PZG- E9-400	Type PZG- E7.5-400	Type PZG- E3D-230	Type B16.4	Weight ~ kg	
F0002827	Packaging chute designed to make it easier to pack stacked kindling, featuring an integrated screen surface so that the logs are cleaned during the process .	○	○	○	○	○	○	○	○	33	
Z9900550	Mesh bags with drawstring, for up to 10 kg of contents (40 x 60 cm), pcs. 100, for layered and loose packaging	○	○	○	○	○	○	○	○	3	
F0002828	Sliding double frame for optional mesh bags, for loose packaging of kindling	○	○	○	○	○	○	○	○	18	
Z9900554	Mesh bags with drawstring, suitable for up to 25 kg of contents (50 x 80 cm), pcs. 100, – for loose packaging only	○	○	○	○	○	○	○	○	3	
F0002840	A bolt-on kit for retrofitting, designed exclusively to process short timber measuring 12–15 cm into kindling	○	○	○	○	○	○	○	○	23	
Z2000636	Walterscheid W-Line universal joint shaft	×	×	×	○	○	○	○	×	9	
F0002179	Hour meter with analogue display, suitable for machines with a 400 V electric motor drive	○	×	○	×	○	○	×	×	1	
F0001806	Hour meter with digital display of hours and PTO speed, suitable for machines driven by a tractor PTO shaft	×	×	×	○	○	○	○	×	1	
F0001482	Operating hours counter with digital display, suitable for machines with petrol engine drive	×	×	×	×	×	×	×	○	1	

○ optional × not available ✓ standard equipment

PACKAGING OPTIONS AT MORE EFFICIENT WORKFLOWS AND BESPOKE CUSTOMER REQUIREMENTS



HOURLY METER

Would you like to hire out your machine or keep track of its operating hours? A suitable operating hours counter is available for each drive variant, allowing you to read off the exact machine running time.



Would you like to provide neat packaging for your kindling in layers in bags? The packaging chute is the ideal accessory equipment. Simply pull a mesh bag over the end of the chute, and the freshly processed timber is pushed through the screen surface integrated into the packaging chute, so that it is cleaned and layered directly into the bag. The working height can be adjusted ergonomically thanks to the adjustable feet on the base frame.



Use the side-sliding double frame for fast and loose packaging of kindling! Simply secure two mesh bags to the adjustable mechanism on the packaging frame and start the splitting process. As soon as one sack is full, move the frame and fill the second sack. In the meantime, you can remove the full bag and fit a new one – ensuring an efficient, uninterrupted workflow! The working height can be adjusted ergonomically thanks to the adjustable feet on the base frame.

AutoSplit 375

The vending machine for firewood and kindling

More power, larger diameters, longer logs!

Its packaging concept was overhauled and a cast iron pump guarantees the hydraulic system's long service life.

With a splitting force of 11 tonnes, the automatic log splitter delivers 15% more power than its predecessor. And the adjustable log edge length of 2 to 15 cm allows you to produce both kindling and firewood from softwood and hardwood in a matter of seconds – two results from one machine, so to speak.

If the length is again a bit longer...

Thanks to the oil cooler, the AutoSplit always keeps its cool when splitting firewood, even during prolonged use or at higher temperatures!

AutoSplit 375



in action!



SPLITTER
lying



TRUNK Ø
max. 37.5 cm



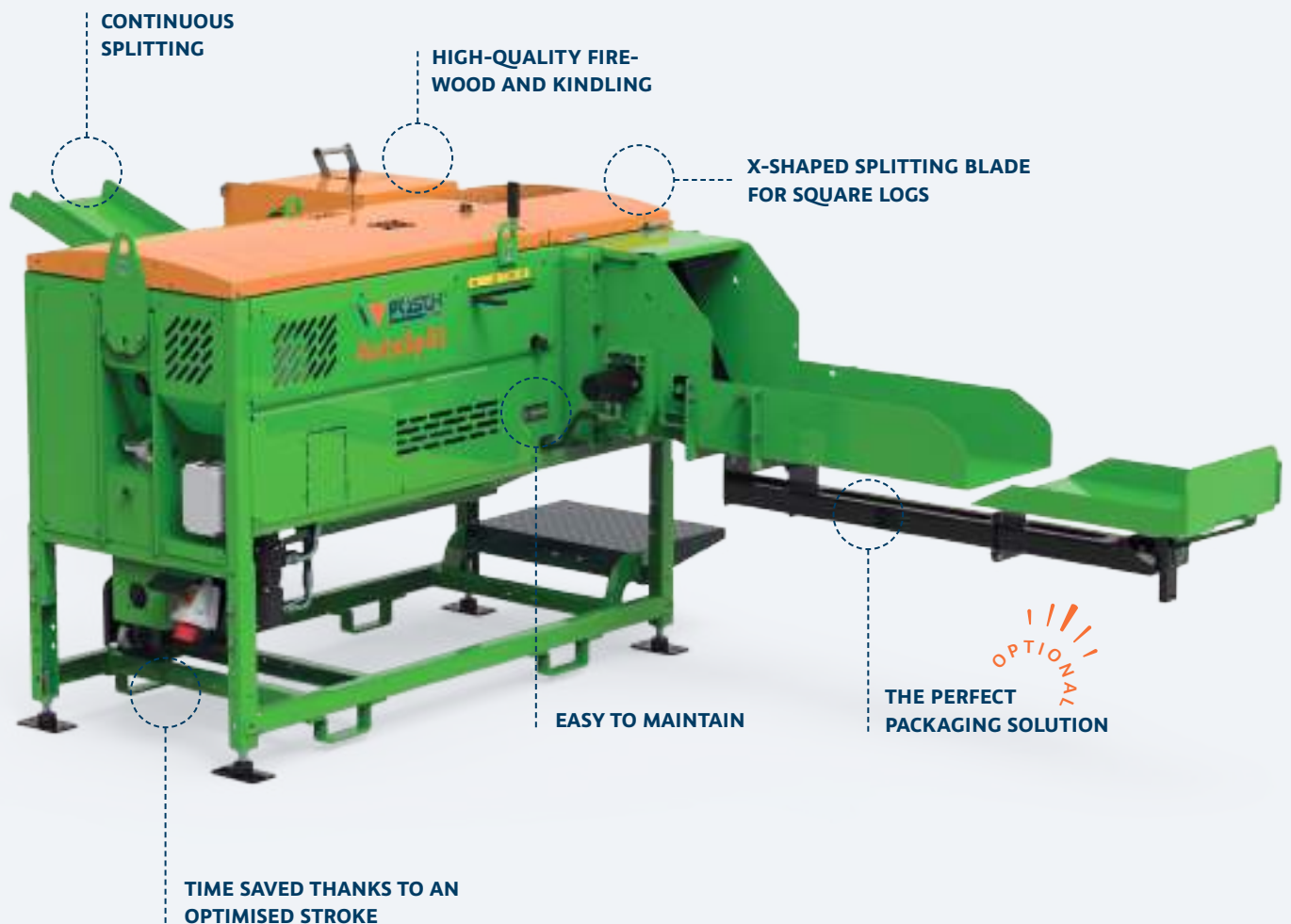
PRODUCES
Firewood and kindling



AutoSplit 375

Here you see the following configuration example:

Item no: M6806C	AutoSplit 375, E9-400
Item no: F0004842	Basic packaging module with swivelling packaging aid (optional)
Item no: F0004844	Packaging chute for timber lengths up to 33 cm (optional)



TRUNK Ø
max. 37.5 cm



LOG LENGTH
max. 42 cm



SPLITTING FORCE
max. 11 t



KINDLING PERFORMANCE
max. 2 srm/h



FIREWOOD SUPPLY
max. 10 srm/h



WEIGHT
at least 1142 kg

Highlights



HIGH-QUALITY FIREWOOD AND KINDLING

Turn offcuts into profitable, clean and finely split kindling – perfect for lighting fires. But that's not all: With the AutoSplit 375, you can also produce high-quality firewood. Round timber with a diameter of up to 37 cm and square timber with a log edge length of max. 30 x 30 cm are suitable for this purpose. Make efficient use of valuable resources and boost your productivity!



TIME SAVED THANKS TO AN OPTIMISED STROKE

Do you want to avoid unnecessary empty runs in the splitting process? Open the service cover tool-free and simply adjust the max. splitting stroke of 42 cm to suit shorter lengths of firewood (20, 25 and 33 cm). This will save you valuable time when producing firewood and kindling, and help you get the most out of your AutoSplit 375!



X-SHAPED SPLITTING BLADE FOR SQUARE LOGS

One machine, two possibilities! With the x-shaped splitting blade, you can produce both firewood and kindling to the desired quality – exactly as you require. Thanks to the adjustable log edge length of 2 to 15 cm, the size of the logs can be flexibly adjusted to achieve the desired result. The low-wear steel not only guarantees an exceptionally long service life, but also ensures consistently high performance, even under intensive use. Efficient, durable and versatile!



CONTINUOUS SPLITTING

Whilst the AutoSplit handles the splitting process fully automatically, the buffer is filled with wood, thereby ensuring a continuous workflow. This allows the operator to concentrate fully on feeding the long timber feed chute, which has a convenient height. This ensures an efficient workflow.



EASY TO MAINTAIN

Thanks to the central lubrication rail, which is easily accessible from the outside, the machine can be easily kept in top condition. This minimises the effort involved and maximises the service life.



THE PERFECT PACKAGING SOLUTION

We offer a range of systems for the loose or layered packaging of logs, for both mesh bags and cardboard boxes. Thanks to the adjustable feet on the base frame, all versions can be used at an ergonomic working height.

See page 148 for more information !



AutoSplit

FROM THEORY TO PRACTICE

Until 2022, our automatic log splitters were designed specifically for the production of either firewood OR kindling. However, the AutoSplit 375 has changed all that – it can do both!

2-in-1: Firewood and kindling

It is precisely this versatility in a single machine that makes the AutoSplit 375 so popular on the market. Not only does it significantly reduce the amount of work involved, but it also offers the flexibility to cater perfectly to different requirements – whilst ensuring top-quality square-shaped logs!

Nice to know!

We make a conscious effort to distance ourselves from a throwaway culture, and that is one of the reasons why we guarantee the supply of wear and spare parts for a period of 20 years!

FROM THE FIELD

In spring 2024, Florian and Lukas set up “Die Hoazarei” – and ever since, things have been “heating up” for them when it comes to firewood: Not only have they recently become members of the Ofenholz association, but they also own an AutoSplit 375, which provides the necessary ‘airflow’ for the production of kindling.



At the start, we made everything by hand, but it was fast clear that we needed help: And so, AutoSplit 375 has recently become part of our business. The automatic splitting machine makes the work much easier and impresses both with the high quality of the end product and the performance of the machine itself. Thanks to a large order for kindling, we can now utilise the AutoSplit to its full capacity and plan to produce around 300 solid cubic metres of firewood and kindling. This is our first POSCH machine, but of course we’re already thinking about how we can expand our fleet with another orange-and-green machine.

LUGGI, THE HOAZAREI FROM THE PINZGAU

That's a good reason to choose the AutoSplit 375!

CONTINUOUS WORK

Feeding via the timber buffer makes feeding convenient and ensures a continuous workflow. Both round timber and square timber can be processed efficiently, thereby increasing productivity and minimising work interruptions.



WOOD THICKNESS GRADES FREELY ADJUSTABLE

Adjust the thickness of the wood fast and tool-free: Using the easily accessible adjustment dial, you can achieve a continuously variable feed rate from 2 to 12 cm per cut by adjusting it. This allows you to achieve the desired timber thickness.



DURABLE SPLITTING BLADES

The POSCH X-shaped splitting blade is made from high-quality, wear-resistant steel, ensuring a long service life. Instead of buying a new knife, the cutting blades can be resharpened if necessary. The very long brass guides significantly reduce wear on the knife and the guide rail.



IBLE START AND EXCELLENT VISIBILITY!

The machine is operated by a control lever that can be actuated from either the left or the right. This allows the splitting function to be started flexibly and conveniently. A fold-down platform provides a clear view of the splitting process, whilst a safety grille offers additional protection. The adjustment wheel allows for precise adjustment of the log lengths. To ensure an ergonomic working position, the working height can be adjusted using the adjustable feet on the base frame.



COMPACT TO STORE, GREAT AT WORK!

Not much storage space? Our AutoSplit can be folded away tool-free, making it ideal for space-saving storage and transport. Both the feed trough and the packaging tray can be folded away to save space.



AutoSplit 375 Overview

Drive	Drive 1	Electric motor	Petrol engine	Tractor PTO shaft	Hybrid drive: Tractor PTO shaft
	Drive 2	-	-	-	Electric motor
	Type	E9-400	B16.5	PZG	PZG-E9-400
	Firewood category	Firewood and kindling	Firewood and kindling	Firewood and kindling	Firewood and kindling
	Type of incoming timber	Softwood and hardwood	Softwood and hardwood	Softwood and hardwood	Softwood and hardwood
Basic model	Adjustable splitting stroke for lengths of 20/25/33 cm	✓	✓	✓	✓
	Grey cast iron pump	✓	✗	✓	✓
	Aluminium pump	○	✓	✗	✗
	Oil cooler	✓	✓	○	✓ for electric drive systems
	Splitting blade	X-shaped	X-shaped	X-shaped	X-shaped
	Solid rubber wheels, 280 mm in diameter	✗	✗	✗	✗
	Height-adjustable feet	✓	✓	✓	✓
Technical Data	Splitting force max. t	11	11	11	11
	Minimum log diameter (cm)	10	10	10	10
	Log diameter max. cm	37.5	37.5	37.5	37.5
	Minimum edge length (square timber) cm	10	10	10	10
	Max. edge length (square timber) cm	30	30	30	30
	Minimum log edge length (cm)	2	2	2	2
	Maximum log edge length (cm)	15	15	15	15
	Log length min. cm	16	16	16	16
	Log length max. cm	42	42	42	42
	Cylinder stroke max. mm	510	510	510	510
	Weight kg	1142	1255	1142	1310
	Splitting cycle, drive 1: approx. sec.	5	5	5	5
	Splitting cycle, drive 2: approx. sec.	-	-	-	5
	Performance: Kindling drive 1, max. srm/h	1.5	1.5	1.5	1.5
	Capacity: Kindling Drive 1 approx. bags/h	100	100	100	100
	Firewood feed rate, drive 1, max. srm/h	10	10	10	10
	Performance: Kindling drive 2, max. srm/h	-	-	-	1.5
	Capacity: Kindling Drive 2 approx. bags/h	-	-	-	100
	Firewood feed rate, drive 2: max. srm/h	-	-	-	10
	Power rating: S6 kW	9	-	-	9
	Motor protection switch	✓	-	-	✓
	Phase inverter / rotation field detection / star-delta start	✓	-	-	✓
	Mains power requirements	3 x 400 V, 50 Hz, CEE 32 A	-	-	3 x 400 V, 50 Hz, CEE 32 A
	Average power consumption kWh*	5.0 – 8.0	-	-	5.0 – 8.0
	Power requirement PTO kW	-	-	17	17
	PTO speed (rpm)	-	-	380	380
	Joint shaft required	-	-	Yes	Yes
	Internal combustion engine power	-	16.5 kW / 22.4 HP	-	-
	Fuel consumption l/h	-	3.0 – 3.5	-	-
	Fuel tank capacity in litres	-	30	-	-
	Hydraulic oil tank capacity l	70	70	70	70
	Length transport / working position mm	2195 / 2195	2195 / 2105	2195 / 2360	2450 / 2195
	Width transport / working position mm	2650 / 2650	2650 / 2650	2650 / 2650	2700 / 2650
	Height transport / working position mm	2120 / 2120	2120 / 2120	2120 / 2120	2150 / 2120
Transport	Solid rubber wheels, diameter 280 mm	✗	✗	✗	✗
	Transport aid	✗	✗	✗	✗
	Forklift attachments / Lifting points	✓	✓	✓	✓
Special equipment	Single blade for kindling made from boards/rinds	✗	✗	✗	✗
	Machine model for short timber	✗	✗	✗	✗
	Oil cooler	✓	✓	○	✓
Accessory equipment	Basic packaging module with swivel-lifting packaging aid	○	○	○	○
	Packaging chute	○	○	○	○
	Sliding 2-piece frame	○	○	○	○
	Conversion kit from long to short timber	✗	✗	✗	✗
	Hour meter	○	✗	○	○

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.
** For machine with winch max. 480

Basic model AutoSplit 375

The automatic firewood and kindling machine for softwood and hardwood.

Article no.	Type	Name	Drive	Output: kindling, max. srm/h	Power Firewood max. srm/h	kindling – approx. sacks	Split- ting- cycle sec. approx.	Split- ting force t	Weight ~ kg
M6806C	E9-400	AutoSplit 375, E9-400, automatic firewood and kindling machine for softwood and hardwood with 11 t splitting force, driven by a 9 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 32 A, star-delta start, motor protection switch with phase inverter and rotation field detection, incl. oil cooler, grey cast iron pump, adjustable splitting stroke for lengths of 20, 25 and 33 cm, adjustable log edge length 2–15 cm, Continuous splitting cycle approx. 5 seconds, x-shaped splitting blade, timber feed chute, floor-standing model with forklift attachment, lifting points, platform and adjustable feet for adjusting the working height		1.5	10	100	5	11	1142
M6836C	B16.5	AutoSplit 375, B16.5, Automatic kindling machine for softwood and hardwood with 11 t splitting force, driven by a 16.5 kW petrol engine, electric starter, including oil cooler, aluminium pump, adjustable splitting stroke for lengths of 20, 25 and 33 cm, adjustable log edge length 2–15 cm, Continuous splitting cycle approx. 5 seconds, x-shaped splitting blade, wood feed chute, floor-standing model with forklift attachment, lifting points, platforms and adjustable feet for adjusting the working height		1.5	10	100	5	11	1255
M6816	PZG	AutoSplit 375, PZG, automatic firewood and kindling machine for softwood and hardwood with 11 t splitting force, driven by tractor PTO shaft, required PTO speed 380 rpm, power requirement 10, , grey cast iron pump, three-point linkage, Cat. I + II, adjustable splitting stroke for lengths of 20, 25 and 33 cm, adjustable log edge length 2 – 15 cm, splitting cycle duration approx. 5 seconds, x-shaped splitting blade, log feed chute, floor-standing model with forklift attachment, lifting points, platform and adjustable feet for adjusting the working height. PTO shaft required!		1.5	10	100	5	11	1142
M6821C	PZG-E9-400	AutoSplit 375, PZG-E9-400, automatic firewood and kindling machine for softwood and hardwood with 11 t splitting force, driven by tractor PTO shaft, required PTO speed 380 rpm, power requirement 17 kW, three-point linkage, Cat. I + II, drive with 9 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 32 A, star-delta start, motor protection switch with phase inverter and rotation field detection, incl. oil cooler (only for electric motor drive!) and grey cast iron pump, adjustable splitting stroke for lengths of 20, 25 and 33 cm, adjustable log edge length 2 – 15 cm, Continuous splitting cycle approx. 5 seconds, x-shaped splitting blade, wood feed chute, floor-standing model with forklift attachment, lifting points, platform and adjustable feet for adjusting the working height. To operate the oil cooler when driven by the tractor PTO shaft, a 3-pin 12 V continuous-current socket on the tractor is required. PTO shaft required!	 	1.5	10	100	5	11	1310
YF184		Freight costs AutoSplit 375 Valid exclusively for deliveries to Austria and Germany.							
YDI141		Commissioning AT/DE							

Special equipment AutoSplit 375



Only possible with original equipment, incl. installation.

Article no.	Name	Type E9-400	Type B16.5	Type PZG	Type PZG- E9-400	Weight ~ kg
C (SO1013)	Surcharge for an oil cooler for continuous operation (recommended for operating times of 4 hours or more, or when operating at temperatures above 30°C). This reduces wear and tear, thereby ensuring a longer service life for the hydraulic components. A 12 V, 3-pin continuous-current socket on the tractor is required to operate the oil cooler.	✓	✓	○	✗ ✓	18

○ optional ✗ not available ✓ standard equipment



RELIABLE CONTINUOUS OPERATION THANKS TO LOW OIL TEMPERATURE

Is it important to you to get the most out of your machine? Our tip: Invest in an oil cooler! During continuous operation (4 hours or more per day), this extends the machine's service life as it ensures a consistently low oil temperature, which reduces wear on the hydraulic components. This extends the machine's service life! A 12 V, 3-pin continuous-current socket on the tractor is required to operate the oil cooler.

Accessory equipment AutoSplit 375

Packaging systems compatible with the basic model, for loose and/or bundled logs.

Article no.	Name	Type E9-400	Type B16.5	Type PZG	Type PZG- E9-400	Weight ~ kg
F0004842	Basic packaging module with swivelling packaging aid IMPORTANT: A suitable packaging chute is required for the work process!	○	○	○	○	67
F0004843	Packaging chute for logs up to 25 cm in length, for mesh sizes 50 – 55 cm x 50 – 80 cm, including a screw-on plate for short logs and an integrated screen surface, so that the logs are cleaned during the process. ATTENTION: The basic packaging module (item no. F0004842) is required for this process!	○	○	○	○	34
F0004844	Packaging chute for logs up to 33 cm in length, for net sizes 50 – 55 cm x 50 – 80 cm, including a screw-on plate for short logs and an integrated screen surface, so that the logs are cleaned during the process. ATTENTION: The basic packaging module (item no. F0004842) is required for this process!	○	○	○	○	14
F0004845	Packaging chute for logs up to 42 cm in length, for mesh sizes 50 – 55 cm x 50 – 80 cm, including a screw-on plate for short logs and an integrated screen surface, so that the logs are cleaned during the process. ATTENTION: The basic packaging module (item no. F0004842) is required for this process!	○	○	○	○	17
F0004857	Sliding double frame for optional mesh bags, for loose packaging of kindling with a length of 20–25 cm	○	○	○	○	15
Z9900554	Mesh bags with drawstring, for up to 25 kg of contents (50 x 80 cm), pcs. 100, for loose packaging only	○	○	○	○	3
Z2000636	Walterscheid W-Line universal joint shaft	✗	✗	○	○	9
F0002179	Hour meter with analogue display, suitable for machines with a 400 V electric motor drive	○	✗	✗	○	1
F0001806	Hour meter with digital display of hours and PTO speed, suitable for machines driven by a tractor PTO shaft	✗	✗	○	○	1
F0001482	Operating hours counter with digital display, suitable for machines with petrol engine drive	✗	○	✗	✗	1

○ optional ✗ not available ✓ standard equipment

Accessory equipment
at a glance



Accessory equipment AutoSplit 375

BASIC MODULE WITH PACKAGING AID

The basic packaging module is fitted with a swivelling packaging aid and also serves as a support for the optional packaging chute. Depending on the length of the timber produced, we offer the appropriate packaging chutes: Pieces of wood up to 25 cm, up to 33 cm and up to 42 cm. This allows you to adapt the machine flexibly to your requirements!



FOR LOOSE OR LAYERED PACKAGING

Packaging in bags or boxes? A range of suitable systems is available to accommodate the various packaging options for loose and/or layered packaging of your timber pieces. The different versions can be set to an ergonomic working height thanks to the adjustable feet on the base frame.



HOURLY METER

Would you like to hire out your machine or keep track of its operating hours? A suitable operating hours counter is available for each drive variant, allowing you to read off the exact machine running time.



PACKAGING FRAME FOR TWO MESH BAGS

Use the side-sliding double frame for fast and loose packaging of kindling! Simply secure two mesh bags to the adjustable mechanism on the packaging frame and start the splitting process. As soon as one sack is full, move the frame and fill the second sack. In the meantime, you can remove the full bag and fit a new one – ensuring an efficient, uninterrupted workflow! The working height can be adjusted ergonomically thanks to the adjustable feet on the base frame.



Overview of the different grades of firewood

Log diameter													
Log size	typ. min. – max. processing diameter [cm] length of firewood L	Splitting system	Splitting blade	10	15	20	25	30	35	40	45	50	
				VARIO									
AutoSplit 375	D2	Ø 10 – 35 L 16 – L 42	VARIO	X-knife	2	2	2	2	2	2			
	D5				2	2	2	2	2	2			
	D7												
	D10												
	D12												
	D15												
	D20												

2 Only where the softwood is of good quality (L16 – 25)

ideal area of application

limited scope of application

AutoLogger

Turn offcuts into profit

When firewood producers have access to oversized or misshapen timber, this material is often – even though it can be obtained cheaply or sometimes even for free – unsuitable for conventional firewood processing due to its size or shape.

This is exactly where POSCH's AutoLogger comes in. It was specially designed to turn precisely this sort of 'problem' wood into profitable firewood and kindling.

The X-knife enhances the quality of wood

In particular, material generated during tree maintenance, for example, is often too large, too misshapen or too knotty. Where conventional processing machines reach their limits, the AutoLogger processes precisely this type of timber powerfully, efficiently and fully automatic.

AutoLogger



in action!



SPLITTER
lying



TRUNK Ø
max. 41 cm



PRODUCES
Firewood and kindling

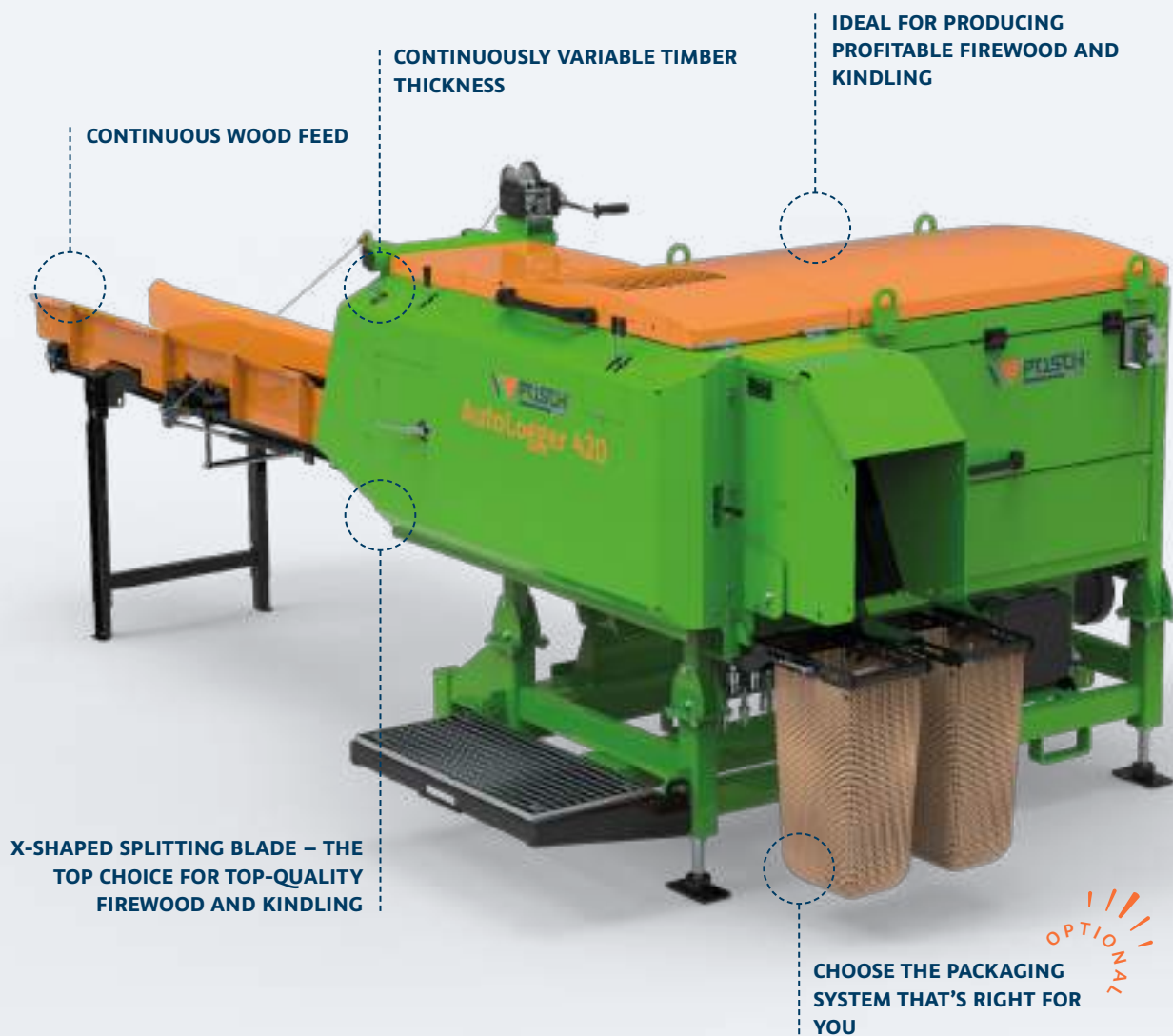


AutoLogger

► Autospeed

Here you see the following configuration example:

Item no: M7484	AutoLogger 420, PZG
Item no: C	oil cooler for continuous operation
Item no: S	2-way valve with two double-acting conveyor belt connections
Item no: F0004446	Sliding double frame for optional mesh bags (optional)



TRUNK Ø
max. 41 cm



LOG LENGTH
max. 33 cm



SPLITTING FORCE
max. 12 t



KINDLING PERFORMANCE
max. 1.5 srm/h



FIREWOOD SUPPLY
max. 12 srm/h



WEIGHT
at least 1450 kg

Highlights



IDEAL FOR PRODUCING PROFITABLE FIREWOOD AND KINDLING

The fully automatic AutoLogger efficiently produces firewood and kindling: Simply load the wooden buffer strip, set the wood thickness – the AutoLogger takes care of the rest. Every 5 seconds, the x-shaped knife splits the wood. You can receive the timber in sacks or loose via the packaging chute or the sliding frame. The height-adjustable feet compensate for uneven floors.



CONTINUOUSLY VARIABLE WOOD STRENGTH

Adjust the thickness of the wood fast and tool-free: Use the adjustment wheel to set the feed rate continuously variable for a log edge length of 2 to 15 cm per splitting cycle.



CONTINUOUS WOOD SUPPLY

The manual timber feed on the powered buffer belt, which features a height-adjustable support leg, ensures a continuous workflow. Both round timber and square timber can be processed efficiently in this way.



X-SHAPED SPLITTING BLADE – THE FIRST CHOICE FOR FIREWOOD AND TOP-QUALITY KINDLING

One machine, two possibilities! The x-shaped splitting blade enables the flexible production of firewood and kindling from softwood to the desired quality. With an adjustable log edge length of 2 to 15 cm, you can flexibly produce the wood that you or your customers want!



CHOOSE THE PACKAGING SYSTEM THAT'S RIGHT FOR YOU

Cardboard boxes and nets are available for packaging the logs either loose and/or in layers. More information about ' ' on page 159!

► Autospeed

On page **280**, you can find out all about the benefits of the Autospeed function!

AutoLogger

FROM THEORY TO PRACTICE

This high-performance, automatic firewood processor can handle even the most difficult wood types and ensures that particularly fibrous wood can be utilised. With a splitting force of 12 tonnes and flexible adjustment of log thickness from 2 to 15 cm, the AutoLogger produces high-quality firewood where other machines reach their limits.

Unlike conventional machines, which can only process wood of certain sizes, this machine can process wood with a diameter of up to 42 cm, as well as split logs.

Nice to know!

The AutoLogger is in high demand not only in Austria but also in the UK, where many tree care professionals (arborists) produce high-quality firewood from wood offcuts.

FROM THE FIELD

In 2023, the Schachinger and Wimmer families founded ARGE OfenHolz Strudengau. Under this quality mark, forestry businesses in Austria produce regional, high-quality firewood. In this regard, the chairman attaches particular importance to the ongoing development of the associations and their members (which now include 190 firewood businesses) in Austria.

For more information, visit www.ofenholz.at

We have been successfully marketing our firewood under the OfenHolz brand for years. In order to further optimise our production, we have invested in a professional machine from POSCH. Our raw materials are sorted in advance: The waste wood is used in wood chip production, whilst the firewood is processed further – using the AutoLogger 420. This has enabled us, as a community, to produce logs and kindling professionally. We quarter large log sections up to one metre in length before the AutoLogger can show off its power and perform splitting. And best of all, it is an extremely economical and cost-effective alternative to the larger models.

In POSCH Leibnitz, we have found a reliable partner who meets our requirements in every respect when it comes to firewood production.

JOSEF WIMMER,
CHAIRMAN OF THE OFENHOLZ ASSOCIATION



That's a point in the AutoLogger's favour!

PROFIT WITH ROUND AND SQUARE TIMBER

Would you like to turn your offcuts into cash? The AutoLogger processes round timber (log diameter max. 10 to 41 cm) and square timber (edge length max. 35 cm) into high-quality kindling or firewood.



SAVE TIME WITH LIFT OPTIMISATION!

Avoid empty passes in the splitting process when processing short timber: With this conversion kit, you can easily adjust the splitting stroke to accommodate a maximum log length of 20 cm, thereby increasing efficiency.



FLEXIBLE OPERATION AND EVERYTHING AT A GLANCE

The machine is started using a gear lever that can be operated from either side. A platform provides a good view of the splitting process.



GREATER OPERATIONAL RELIABILITY AND A LONGER SERVICE LIFE THANKS TO A SPRING-LOADED FEED BELT

The spring-loaded feed belt improves operational reliability, as it compensates for movements during the splitting process and reduces the splitting force. This reduces wear on the blade guides and extends the service life of the components.



NEW: SPLITTING PROCESS WITHOUT INTERRUPTIONS THANKS TO AND A CONTINUOUS WOOD FEED

Whilst the operator continuously feeds wood into the buffer, the AutoLogger carries out the splitting process fully automatically. This allows you to work much more efficiently and smoothly.



SPLITTING AND LOADING DIRECTLY

The basic model includes two hydraulic connections for driving an optional conveyor belt. We offer Option S as special equipment for hydraulic swivel and tilt adjustment.



TURN WOOD SCRAPS INTO HIGH-QUALITY, LUCRATIVE FIREWOOD AND KINDLING – USE THE AUTOLOGGER 420 TO MAXIMISE YOUR PRODUCTIVITY

by processing them into high-quality firewood and kindling – ideal for lighting fires. With the high-performance AutoLogger 420, you can make clever use of offcuts and minimise waste!



POSCH SPLITTING BLADES: DURABLE AND LOW-WEAR

The POSCH splitting blade, made from low-wear steel, guarantees a long service life. Instead of replacing the knife, the cutting edges can be resharpened. Brass guides further reduce wear – it is recommended that they be replaced if necessary.

AutoLogger Overview

Drive	Drive 1	Tractor PTO shaft	Electric motor	Hybrid drive: Tractor PTO shaft
	Drive 2	-	-	Electric motor
	Type	PZG	E15-400	PZG-E15-400
	Firewood category	Firewood and kindling	Firewood and kindling	Firewood and kindling
	Type of incoming timber	Softwood and hardwood	Softwood and hardwood	Softwood and hardwood
Basic model	Horizontal buffer belt, 2 m	✓	✓	✓
	Adjustable splitting stroke for a length of 20 cm	✓	✓	✓
	Grey cast iron pump	✓	✓	✓
	Splitting blade	X-shaped	X-shaped	X-shaped
	Adjustable feet	✓	✓	✓
	Oil cooler	○	✓	 ○  ✓
	Connection for the conveyor belt motor	✓	✓	✓
Technical data	Splitting force max. t	12	12	12
	Minimum log diameter (cm)	10	10	10
	Log diameter max. cm	41	41	41
	Minimum edge length (square timber) cm	10	10	10
	Max. edge length (square timber) cm	35	35	35
	Minimum log edge length (cm)	2	2	2
	Maximum log edge length (cm)	15	15	15
	Log length min. cm	12	12	12
	Log length max. cm	33	33	33
	Cylinder stroke max. mm	420	420	420
	Weight kg	1450	1500	1680
	Splitting cycle, drive 1: approx. sec.	5	5	5
	Splitting cycle, drive 2: approx. sec.	-	-	5
	Performance: Kindling drive 1, max. srm/h	1.5	1.5	1.5
	Capacity: Kindling Drive 1 approx. bags/h	120	120	120
	Firewood feed rate, drive 1, max. srm/h	12	12	12
	Performance: Kindling drive 2, max. srm/h	-	-	1.5
	Capacity: Kindling Drive 2 approx. bags/h	-	-	120
	Firewood feed rate, drive 2: max. srm/h	-	-	12
	Power rating: S6 kW	-	15	15
	Motor protection switch	-	✓	✓
	Phase inverter	-	✓	✓
	Rotation field detection	-	✓	✓
	Star-delta start	-	✓	✓
	Mains power requirements	-	3 x 400 V, 50 Hz, CEE 32 A	3 x 400 V, 50 Hz, CEE 32 A
	Average power consumption kWh*	-	6 – 9	6 – 9
	Power requirement PTO kW	10	-	10
	PTO speed (rpm)	380	-	380
	Joint shaft required	Yes	-	Yes
	Hydraulic oil tank capacity l	70	-	70
Transport	Length transport / working position mm	2900 / 4060	2900 / 5000	3000 / 2100
	Width transport / working position mm	2100 / 2050	2200 / 2200	2100 / 3000
	Height transport / working position mm	1950 / 1750	2000 / 1800	2400 / 2400
	Forklift attachment	✓	✓	✓
Special equipment	Lifting points	✓	✓	✓
	Three-point linkage Cat. I + II	✗	✗	✗
	Oil cooler	○	✓	○
Accessory equipment	2 additional conveyor belt connections	○	○	○
	Packaging chute	○	○	○
	Sliding 2-piece frame	○	○	○
	Mesh bags	○	○	○
	Hour meter	○	○	○

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.

Basic model AutoLogger 420

Turns waste wood into profitable firewood and kindling.

Article no.	Type	Name	Drive	Output: kindling, max. srm/h	Output: kindling, approx. bags/h	Splitting cycle, approx. sec.	Split- ting force t	Weight ~ kg
M7480	PZG	AutoLogger 420, PZG, automatic firewood and kindling machine with 12 t splitting force, driven by tractor PTO shaft, required PTO speed 380 rpm, power requirement 10 kW, quiet-running grey cast iron pump, adjustable log edge length 2–15 cm, adjustable splitting stroke for a maximum log length of 20 cm, splitting cycle duration approx. 5 seconds, x-shaped splitting blade, buffer belt with adjustable support leg, floor-standing model with forklift attachment, lifting points, operator platform and adjustable feet. Connection for the conveyor belt motor. PTO shaft required!		1.5	120	5	12	1450
M7482	E15-400	AutoLogger 420, E15-400, automatic firewood and kindling machine with 12 t splitting force, driven by a 15 kW electric motor, 3 x 400 V, 50 Hz, S6, CEE 32 A, star-delta start, motor protection switch with phase inverter and rotation field detection, incl. oil cooler, low-noise grey cast iron pump, adjustable log edge length 2–15 cm, adjustable splitting stroke for a maximum log length of 20 cm, Continuous splitting cycle approx. 5 seconds, x-shaped splitting blade, buffer belt with adjustable support leg, floor-standing model with forklift attachment, lifting points, operator platform and adjustable feet. Connection for the conveyor belt motor.		1.5	120	5	12	1500
M7484	PZG-E15-400	AutoLogger 420, PZG-E15-400, automatic firewood and kindling machine with 12 t splitting force, driven by tractor PTO shaft, required PTO speed 380 rpm, power requirement 10 kW, and driven by a 15 kW electric motor, 3 x 400 V, 50 Hz, S6, CEE 32 A, star-delta start, motor protection with phase inverter and rotation field detection, oil cooler available only with electric motor drive, low-noise grey cast iron pump, adjustable log edge length 2–15 cm, adjustable splitting stroke for a maximum log length of 20 cm, Continuous splitting cycle approx. 5 seconds, x-shaped splitting blade, buffer belt with adjustable support leg, floor-standing model with forklift attachment, lifting points, operator platform and adjustable feet. Connection for the conveyor belt motor. PTO shaft required!	 	1.5	120	5	12	1680
YF159	Freight costs for AutoSplit 415 VARIO + 700 VARIO, AutoSplit 500 PLUS, AutoLogger 420 . Valid exclusively for deliveries to Austria and Germany.							
YDI141	Commissioning AT/DE							

Special equipment AutoLogger

Make your life easier with a range of practical options.



Only possible with original equipment, incl. installation.

Article no.	Name	Type PZG	Type E15-400	Type PZG- E15-400	Weight ~ kg
C (SO1289)	Surcharge for an oil cooler for continuous operation (recommended for operating times of 4 hours or more, or when operating at temperatures above 30°C). This reduces wear and tear, thereby ensuring a longer service life for the hydraulic components. A 12 V, 3-pin continuous-current socket on the tractor is required to operate the oil cooler.	○	✓	○ ✗ ✓ ⚡	25
S (SO1191)	Surcharge for a 2-way valve with two double-acting conveyor belt connections, to enable the use of the hydraulic swivel function and tilt adjustment when operating an optional conveyor belt.	○	○	○	15

○ optional ✗ not available ✓ standard equipment

**THAT LEAVES HER
SPALTER'S COOL!**

Oil cooler for a
longer service life
and less
wear and tear!



**FOR SWIVELLING AND TILTING THE
OPTIONAL CONVEYOR
BELT ON THE**

AutoLogger is designed to operate with a conveyor belt. The special equipment S (SO1191) comprises a 2-way valve with two double-acting connections for the hydraulic swivel function and the tilt adjustment of an optional conveyor belt.

Overview of the different grades of firewood

Log diameter													
Log size	typ. min. – max. processing diameter [cm] length of firewood L	Splitting system	Splitting blade	10	15	20	25	30	35	40	45	50	
				VARIO									
AutoLogger 420	D2	Ø 10 – 40 L 12 – L 33	VARIO	X-knife									
	D5				3	3	3	3	3	3	3		
	D7												
	D10												
	D12												
	D15												
	D20												

3 Only where the softwood is of good quality (L 12 – 25)

ideal area of application

limited scope of application

Accessory equipment AutoLogger

Useful accessory equipment for more power and user-friendliness for woodwork.

Article no.	Name	Type PZG	Type E15-400	Type PZG- E15-400	Weight ~ kg	
F0004444	Packaging chute with integrated screen surface for timber lengths up to 33 cm, for mesh bags measuring 50–55 cm × 50–80 cm	○	○	○	28	
F0004445	Packaging chute with integrated screen surface for timber lengths up to 25 cm, for mesh bags measuring 50–55 cm × 50–80 cm	○	○	○	29	
F0004801	Packaging chute with integrated screen surface for lengths of wood up to 20 cm, for mesh bags measuring 40–45 cm × 45–70 cm	○	○	○	29	
F0004446	Sliding double frame for optional mesh bags, for loose packaging of kindling with a length of 20–25 cm	○	○	○	29	
Z9900554	Mesh bags with drawstring for up to 25 kg of contents (50 x 80 cm), ; pack size: 100 pcs.; for loose packaging only	○	○	○	3	
Z2000649	Walterscheid W-Line universal joint shaft	○	×	○	9	
F0002179	Hour meter with analogue display, suitable for machines with an electric motor drive of 400 V	×	○	○	1	
F0001806	Operating hours counter with digital display of hours and PTO shaft speed, suitable for machines with tractor PTO shaft drive	○	×	○	1	
F0001898	230 V tank heater, required when operating at ambient temperatures below 0 °C. Advantage: improved machine start-up and significantly reduced wear in the hydraulic system	○	○	○	5	

○ optional × not available ✓ standard equipment

PACKAGING OPTIONS FOR MORE EFFICIENT WORKFLOWS AND BESPOKE CUSTOMER REQUIREMENTS

Would you like to provide neat packaging for your kindling? With the packaging chute, you simply stretch the mesh bag over the end of the chute, and the freshly processed wood is cleaned via the integrated screen surface and layered directly into the bag.



HOURLY METER

Would you like to hire out your machine, or do you want to keep track of how long it is in use? A suitable hour meter is available for every drive option to enable precise monitoring of the machine's operating time.



PACKAGING OPTIONS FOR MORE EFFICIENT WORK PROCESSES AND CUSTOMER-SPECIFIC REQUIREMENTS

Use the sliding double frame for fast and loose packaging of kindling! Stretch two mesh bags over the area and start the splitting process. As soon as one sack is full, move the frame and fill the second sack.



TANK HEATER

Required when operating at ambient temperatures below 0 °C. Advantage: improved machine start-up and significantly reduced wear in the hydraulic system.

SAWING



tilting saw p. 162

UniCut roller table saw p. 176

SAWS WITH CONVEYOR BELT

Overview of conveyor belt saws p. 192

Tilting saw with conveyor belt p. 194

EasyCut p. 204

SmartCut p. 216



ACCESSORY EQUIPMENT



Saw blades p. 228

Chip extraction fan p. 238

SAWS



POSCH saws ensure clean cuts.
Reliable and smooth-running – for cut timber and boards, but
also for sharpening and splitting stakes!

Tilting saw

The tried-and-tested classic

You can't do a firewood cut without a tilting saw!

It was one of the first machines on the market – and yet it has always kept up with the times. Today, the tilting saw is more safe than ever: A protective cover prevents accidental contact with the saw blade. And yet, thanks to the cut-outs, you always have a clear view of the cutting process. Anyone who has ever spent hours sawing will appreciate the ball bearings in the smooth-running rocker – it's a real relief for your back too!

And shhh:

The standard purr saw blade delivers an unrivalled sawing experience – not just for your ears, but for your neighbours' too!

Tilting saw



in action!



SAWING
manual



PRODUCES
Firewood



CONVEYOR BELT
Accessory equipment

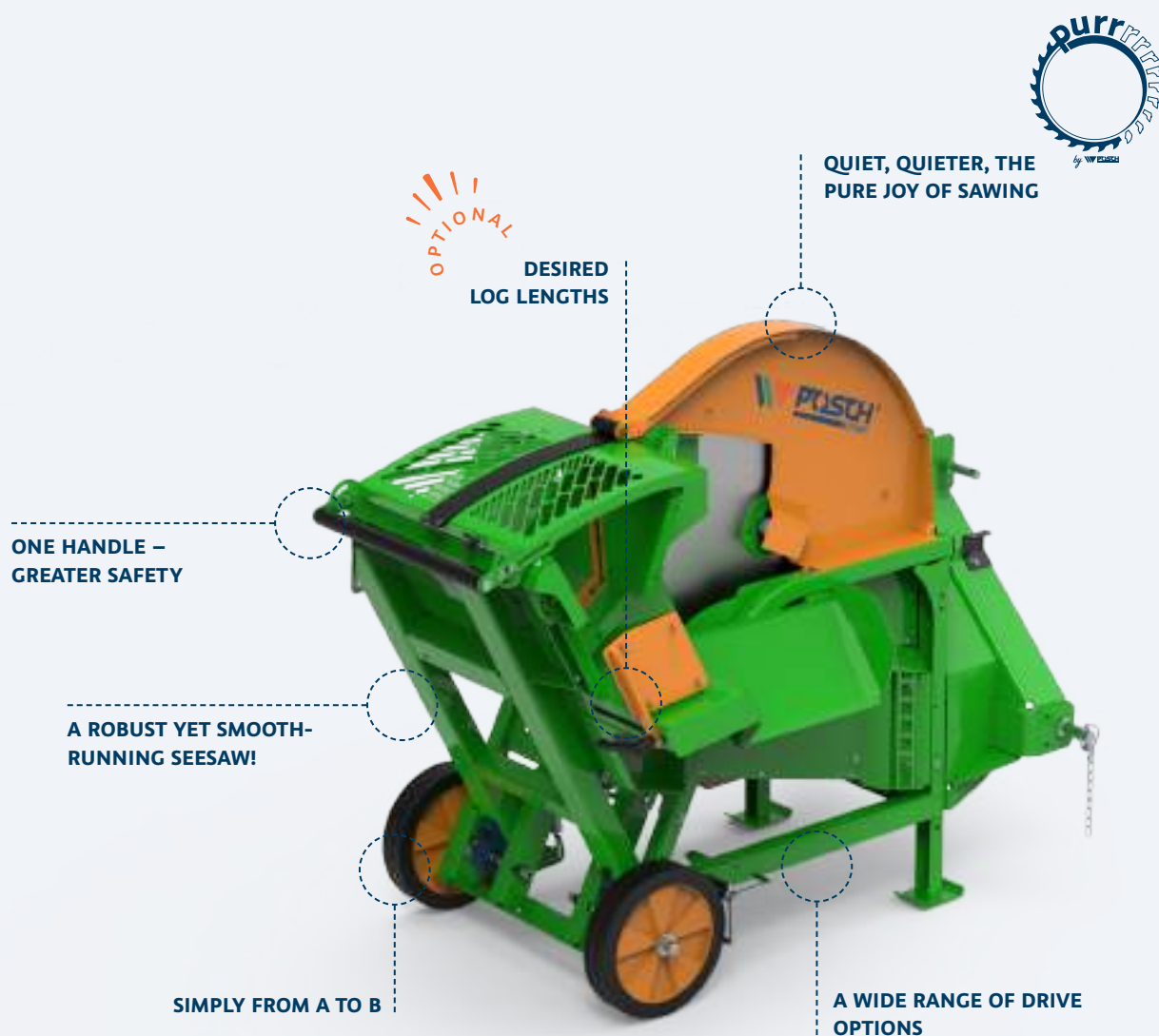


Tilting saw

Here you see the following configuration example:

Item no: M1370HSWL Tilting saw, PZG-E5.5-400

Item no: A , plus the cost of the longitudinal stop **(optional)**



CUTTING Ø
max. 24 cm



LOG LENGTH
max. 200 cm



WOOD FEED
manual



FIREWOOD CUT
manual



PROCESSING VOLUME
more than 20 cubic
metres / year



WEIGHT
at least 156 kg

Highlights



QUIET, QUIETER, THE PURE JOY OF SAWING

The purr Widia circular saw blade offers a significant reduction in noise compared with the standard Widia circular saw blade.



You can find more information about the saw blades on pages 174 and 228!



ONE HANDLE – GREATER SAFETY

The standard safety guard, which features a height-adjustable and rotatable handle, protects against accidental contact with or access to the saw blade by shielding the danger zone. What's more, the handle rotates as you operate the rocker switch, protecting your palms from friction. With the switch function between two operating modes, the cover either remains closed or opens automatically after the cutting to allow easy access to the timber.



NUMEROUS DRIVE VARIANTS

Discover our wide range of drive types and find the perfect solution for your application: Whether it's an eco-friendly electric drive, a tractor PTO shaft, a flexible hybrid drive or a powerful internal combustion engine – we have the right option for every requirement!



ROBUST, YET SMOOTH-RUNNING ROCKER

Compare conventional tilting saws with a POSCH saw and feel the difference after just a few cuts: Thanks to the spring-assisted mechanism and the ball bearing, you can perform cutting operations in the wood with stability whilst using minimal effort. The rocker design with retaining studs is also engineered to minimise the risk of the saw blade becoming jammed.



SIMPLY FROM A TO B

The large solid rubber wheels and the extendable transport handles make it easier to move the machine on level ground and to manoeuvre it. Models with tractor PTO shaft and hybrid drive are equipped with a three-point linkage and an additional transport aid. See page 172 for more information!

OPTIONAL

DESIRED LOG LENGTHS

With the adjustable, cushioned longitudinal stop, you can cut logs precisely to lengths between 20 and 34 cm – without the need for any measurement markings. Once cut, the logs slide through automatically, without the need for any fiddly removal. See pages 171 and 174 for more information!



Tilting saw

FROM THEORY TO PRACTICE

In the past, firewood was laboriously cut with a hand saw – a time-consuming and strenuous task that is almost unimaginable today. Nor is it conceivable to work without a circular saw these days.

It not only makes cutting firewood fast, but also much safer and easier. Thanks to its wide range of models and extensive range of equipment, the tilting saw now has something to suit everyone and can be found on almost every farm.



FROM THE FIELD

Maximilian Becker has also recently purchased a tilting saw driven by the tractor PTO shaft and featuring an integrated three-point linkage, which he bought from the POSCH specialist dealer Weimer in Lollar. We asked the new POSCH customer what ultimately prompted him to make this purchase and what benefits he hopes to gain from the machine.



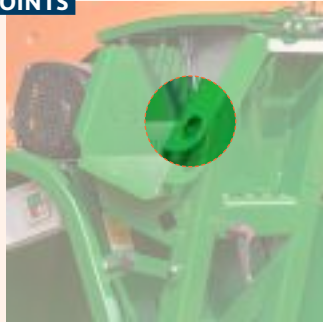
I've never cut firewood better in my life – and I've certainly cut plenty! This saw is simply a real standout – it's worth every penny and well worth saving up for. I am convinced that, in the long run, you're best off investing in high-quality products. And to be perfectly honest: POSCH is simply unbeatable when it comes to firewood. My dream is to own a POSCH log splitter one day.

MAXIMILIAN BECKER

That's a point in favour of the tilting saw!

LASHING POINTS

To ensure safety during transport, the machine is equipped with lashing points that allow it to be securely fastened to the trailer.



EASY MAINTENANCE – CONSISTENTLY HIGH PERFORMANCE

The saw blade can be changed fast and easily – the correct tool is supplied with the product. Thanks to the handy central lubrication rail on the machine's frame, maintenance of the moving parts can be carried out in just a few simple steps, saving time and extending the service life. Furthermore, the V-belts can be easily retensioned to ensure consistent performance and optimum efficiency. This ensures your machine is always in perfect condition and ready for use at any time!



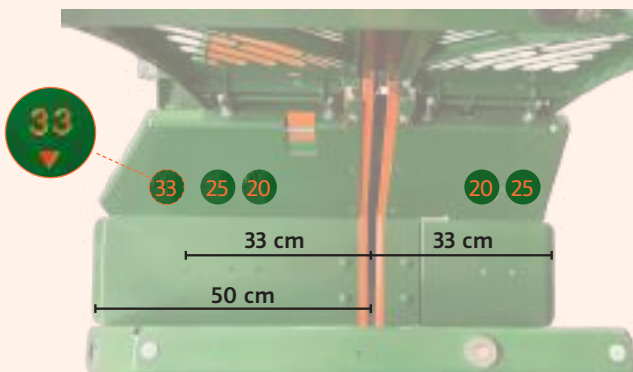
TOOL HOLDER

Where do you store the tools when your machine is on the move? Use the tool holder fitted as standard to secure the necessary accessory equipment for transport.



POSCH SAWS ARE TYPE-APPROVED!

Our tilting saw has been type-approved and stands out thanks to its robust construction and wide range of drive options. With a cutting diameter of 24 cm and a standard, whisper-quiet PURR circular saw blade (700 mm in diameter), it delivers precise firewood cuts with minimal noise. It can be transported easily – either using the handles integrated into the frame or via the three-point linkage. The saw blade guard with adjustable rip fence prevents accidental contact with the saw blade. The rocker handle is height-adjustable, so you can adjust it to your preferred working height. The ball-bearing rocker ensures effortless handling. The integrated wheel brake ensures that the wheels (diameter 300 mm) remain securely in place during drive with an electric motor.



DIMENSION MARKINGS FOR PRECISE LOG LENGTHS

To help you cut the log to the correct length whilst sawing, notches at 20, 25 and 33 cm serve as a guide. For a length of 50 cm, simply use the left-hand end of the seesaw as a guide. The right-hand end of the seesaw is 33 cm long.



Tilting saws Overview

Drive	Drive 1	Electric motor	Electric motor	Electric motor	Tractor PTO shaft
	Drive 2	-	-	-	-
	Type	E5.5-400	KE5.5-400	KE7.5-400	PZG
Application	Firewood saw	✓	✓	✓	✓
Basic model	Direct drive	✓	✗	✗	✗
	V-belt drive	✗	✓	✓	✓
	purr-Widia saw blade	✓	✓	✓	✓
	Chrome alloyed saw blade	○	○	○	○
	Seesaw with ball-bearing support	✓	✓	✓	✓
	Solid rubber wheels, diameter 300 mm	✓	✓	✓	✓
	Three-point linkage Cat. I + II	○	○	○	✓
	Transport aid	○	○	○	✓
Technical data	Saw blade diameter (mm)	700	700	700	700
	Minimum cutting diameter (cm)	5	5	5	5
	Max. cutting diameter (cm)	24	24	24	24
	Log length min. cm	10	10	10	10
	Log length max. cm	200	200	200	200
	Weight kg	156	176	188	214
	Saw blade braking	electric	electric	electric	mechanical
	Power specification electric motor S6 kW	5.5	5.5	7.5	-
	Motor protection switch	✓	✓	✓	-
	Phase inverter	✓	✓	✓	-
	Star-delta start	○	○	✓	-
	Mains power requirements	3 x 400 V, 50 Hz, CEE 16 A	3 x 400 V, 50 Hz, CEE 16 A	3 x 400 V, 50 Hz, CEE 16 A	-
	Average power consumption kWh*	2.5 – 3.5	2.5 – 3.5	3.0 – 4.0	-
	Power requirement PTO kW	-	-	-	6 – 10
	PTO speed, max. rpm	-	-	-	540
	Joint shaft required	-	-	-	Yes
	Power specification combustion engine	-	-	-	-
	Fuel consumption l/h	-	-	-	-
	Fuel tank capacity in litres	-	-	-	-
	Length transport / working position mm	1190 / 1190	1190 / 1190	1190 / 1190	1270 / 1270
	Width transport / working position mm	900 / 900	900 / 900	900 / 900	1000 / 1000
	Height transport / working position mm	1400 / 1250	1400 / 1250	1400 / 1250	1400 / 1250
Transport	Tractor chassis	✗	✗	✗	○
	Transport aid	○	○	○	✓
Special equipment	Longitudinal stop	○	○	○	○
	Hold-down device	○	○	○	○
	Purr Widia circular saw blade	✓	✓	✓	✓
	Star-delta start	○	○	✓	-
Accessory equipment	Drive shaft	✗	✗	✗	○
	Hip roll	○	○	○	○
	Retrofitting a longitudinal stop	○	○	○	○
	Retrofitting of a hold-down device	○	○	○	○
	Tilting extension	○	○	○	○
	Chip extraction connection, diameter 100 mm	○	○	○	○
	Chip extraction fan	350S	350S	350S	350S
	Cyclone	350	350	350	350
	Hour meter	○	○	○	○

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.

Tilting saws Overview

Drive	Drive 1	Hybrid drive: Tractor PTO shaft	Hybrid drive: Tractor PTO shaft	Petrol engine
	Drive 2	Electric motor	Electric motor	-
	Type	PZG-E5.5-400	PZG-E7.5-400	B10.3
Application	Firewood saw	✓	✓	✓
Basic model	Direct drive	✗	✗	✗
	V-belt drive	✓	✓	✓
	purr-Widia saw blade	✓	✓	✓
	Chrome alloyed saw blade	○	○	○
	Seesaw with ball-bearing support	✓	✓	✓
	Solid rubber wheels, diameter 300 mm	✓	✓	✓
	Three-point linkage Cat. I + II	✓	✓	○
	Transport aid	✓	✓	✓
Technical data	Saw blade diameter (mm)	700	700	700
	Minimum cutting diameter (cm)	5	5	5
	Max. cutting diameter (cm)	24	24	24
	Log length min. cm	10	10	10
	Log length max. cm	200	200	200
	Weight kg	258	266	222
	Saw blade braking	mechanical / electrical	mechanical / electrical	-
	Power specification electric motor S6 kW	5.5	7.5	-
	Motor protection switch	✓	✓	-
	Phase inverter	✓	✓	-
	Star-delta start	○	✓	-
	Mains power requirements	3 x 400 V, 50 Hz, CEE 16 A	3 x 400 V, 50 Hz, CEE 16 A	-
	Average power consumption kWh*	2.5 – 3.5	3.0 – 4.0	-
	Power requirement PTO kW	6–10	6–10	-
	PTO speed, max. rpm	540	540	-
	Joint shaft required	Yes	Yes	-
	Power specification combustion engine	-	-	10.3 kW / 14 HP
	Fuel consumption l/h	-	-	2.0 – 2.5
	Fuel tank capacity in litres	-	-	-
	Length transport / working position mm	1270 / 1270	1270 / 1270	1200 / 1130
	Width transport / working position mm	1000 / 1000	1000 / 1000	930 / 930
	Height transport / working position mm	1400 / 1250	1400 / 1250	1400 / 1250
Transport	Tractor chassis	○	○	✗
	Transport aid	✓	✓	✓
Special equipment	Longitudinal stop	○	○	○
	Hold-down device	○	○	○
	Purr Widia circular saw blade	✓	✓	✓
	Star-delta start	○	✓	-
Accessory equipment	Drive shaft	○	○	✗
	Hip roll	○	○	○
	Retrofitting a longitudinal stop	○	○	○
	Retrofitting of a hold-down device	○	○	○
	Tilting extension	○	○	○
	Chip extraction connection, diameter 100 mm	○	○	○
	Chip extraction fan	350S	350S	350S
	Cyclone	350	350	350
	Hour meter	○	○	○

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.

Basic model Tilting saw

The much-loved classic!

Article no.	Type	Name	Drive	Cutting diameter (max. cm)	Weight ~ kg
M1361HSWL	E5.5-400	Tilting saw, E5.5-400, direct drive with electric motor, 5.5 kW, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter, purr Widia circular saw blade, diameter 700 mm, including tool for saw blade change, ball-bearing rocker, safety guard, transport handles and solid rubber wheels with wheel brakes, diameter 300 mm	⚡	24	156
M1356HSWL	KE5.5-400	Tilting saw, KE5.5-400, v-belt drive with electric motor, 5.5 kW, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter, purr Widia circular saw blade, diameter 700 mm, including tool for saw blade change, ball-bearing-mounted rocker, safety guard, transport handles and solid rubber wheels with a diameter of 300 mm	⚡	24	176
M1349HSWL	KE7.5-400	Tilting saw, KE7.5-400, v-belt drive with electric motor, 7.5 kW, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter, purr Widia circular saw blade, diameter 700 mm, including tool for saw blade change, ball-bearing-mounted rocker, safety guard, transport handles and solid rubber wheels with a diameter of 300 mm	⚡	24	188
M1365HSWL	PZG	Tilting saw, PZG, v-belt drive with tractor PTO shaft, required PTO speed 540 rpm, power requirement of 6 to 10 kW, purr Widia circular saw blade, diameter 700 mm, including tool for saw blade replacement, ball-bearing-mounted rocker, safety guard, shut-off device, transport aid and solid rubber wheels with a diameter of 300 mm, three-point linkage, Cat. I + II. PTO shaft required!	⚙️	24	214
M1370HSWL	PZG-E5.5-400	Tilting saw, PZG-E5.5-400, v-belt drive with tractor PTO shaft, required PTO speed 540 rpm, power requirement 6 to 10 kW and drive with 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter, purr Widia circular saw blade, diameter 700 mm, including tools for saw blade replacement, ball-bearing-mounted rocker, safety guard, shut-off device, transport aid and solid rubber wheels with a diameter of 300 mm, three-point linkage, Cat. I + II. PTO shaft required!	⚙️	24	258
			⚡	24	
M1379HSWL	PZG-E7.5-400	Tilting saw, PZG-E7.5-400, v-belt drive with tractor PTO shaft, required PTO speed 540 rpm, power requirement 6 to 10 kW and drive via 7.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter, purr Widia circular saw blade, diameter 700 mm, including tool for saw blade change, ball-bearing rocker, safety guard, shut-off device, transport aid and solid rubber wheels, diameter 300 mm, three-point linkage, Cat. I + II. PTO shaft required!	⚙️	24	266
			⚡	24	
M1245HSWL	B10.3	Tilting saw, B10.3, v-belt drive with 10.3 kW petrol engine, electric starter, purr Widia circular saw blade, diameter 700 mm, including tool for changing the saw blade, ball-bearing-mounted rocker, safety guard, transport aid and solid rubber wheels, diameter 300 mm	⚡	24	222

PETROL ENGINE



STRAIGHT TO THE DESIRED LOCATION

Do you also work outside the home and yard?

Thanks to the solid Category I and II three-point linkage, the tilting saw can be easily attached to the tractor and transported. On models powered by a tractor PTO shaft, the three-point linkage is fitted as standard, whilst on electrically powered machines it is available as an optional feature. A handy transport aid is included as standard to facilitate easy, manual transport of the machine.

Another plus point: Retrofitting the three-point linkage is possible on older tilting saw models.

Special equipment Tilting saw



Only possible with original equipment, incl. installation.

Article no.	Name	Type E5.5-400	Type KE5.5- 400	Type KE7.5- 400	Type PZG	Type PZG- E5.5-400	Type PZG- E7.5-400	Type B10.3	Weight ~ kg
A (SO1232)	Additional charge for longitudinal stop, damped and tool-free adjustable, for timber lengths of 20–34 cm, supplied fully assembled and ready for use. The longitudinal stop has a screw-on rocker section (with a mounting point on the machine), meaning that the machine can also have its application extended without the longitudinal stop.	○	○	○	○	○	○	○	11
N (SO1336)	Additional charge for a hold-down device to secure the log in the rocker during the sawing process (can be switched on and off)	○	○	○	○	○	○	○	2
WL (SO1490)	purr Widia circular saw blade for the firewood cut – significantly quieter than a traditional Widia saw blade! Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 84 Standardly included in the basic model.	✓	✓	✓	✓	✓	✓	✓	11
GZ (SO1494)	Discounted coarse-tooth circular saw blade for the firewood cut, instead of a purr Widia circular saw blade, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 56	○	○	○	○	○	○	○	15
D (SO1259)	Surcharge for three-point linkage Cat. I + II, for easy transport by tractor, for machines with electric motors for drive. The three-point linkage Cat. I + II is included as standard on machines with tractor PTO shaft and hybrid drive. A handy transport aid is included in the scope of delivery to facilitate easy, manual transport of the machine.	○	○	○	✓	✓	✓	○	43
Y (SO1280)	Surcharge for a motor protection switch with star-delta start for drive via a generator, suitable for electric motors with 5.5 kW, S6 duty cycle.	○	○	✓	×	○	✓	×	1

○ optional × not available ✓ standard equipment

DESIRED LOG LENGTHS

Would you like to be able to saw logs of the same length every time, without having to keep an eye on measurement marks? The solution: An adjustable, cushioned longitudinal stop that can be quickly adjusted to between 20 and 34 cm. Once cut, the logs simply slide off the seesaw, ideally onto a conveyor belt or into a sliding bin. This eliminates the need for laborious and time-consuming manual removal. The longitudinal stop is available both as original equipment and as a retrofit for the HS and H models.



You can find more information about the saw blades on pages 174 and 228!



OPTIMISED OPERATION WITH A GENERATOR MOTOR PROTECTION SWITCH WITH STAR-DELTA START

For operation with a generator, optional motor protection switches with star-delta start are available to reduce the start-up current.

Another advantage of this switch is that the unit does not need to be excessively large.



SAFE SAWING: THE HOLD-DOWN DEVICE SECURES THE LOG

The optional hold-down device holds the wood securely in place whilst sawing, thereby reducing the risk of the saw blade jamming. If necessary, it can be deactivated fast and tool-free.

Chassis Tilting saw

Mobile use - even outside the house and yard.



Only possible with original equipment, incl. installation.

Article no.	Name	Type E5.5-400	Type KE5.5- 400	Type KE7.5- 400	Type PZG	Type PZG- E5.5-400	Type PZG- E7.5-400	Type B10.3	Weight ~ kg
T (S01506)	Surcharge for tractor chassis 10 km/h with pneumatic tyres, rigid drawbar, with tow eye and support legs	×	×	×	○	○	○	×	15

○ optional × not available ✓ standard equipment



EASY TO TRANSPORT FROM A TO B

The pneumatic-tyred tractor chassis ensures a comfortable ride. Fitted with a rigid drawbar, a tow eye and support legs with large base plates, it offers stability and ease of handling during transport. Transport arrangements and driving speeds on public roads must be checked on a country-by-country basis.

Accessory equipment Tilting saw

For more power and comfort during producing firewood.

Article no.	Name	Type E5.5-400	Type KE5.5- 400	Type KE7.5- 400	Type PZG	Type PZG- E5.5-400	Type PZG- E7.5-400	Type B10.3	Weight ~ kg
F0003779	Tilting extension with rollers for the safe and convenient handling of log lengths up to 200 cm prior to sawing, including a bracket for convenient storage directly on the machine	○	○	○	○	○	○	○	5
F0003775	Hip roll for an alternative, fatigue-free way of operating the saw rocker. Not possible in combination with Option A!	○	○	○	○	○	○	○	2
F0003835	Transport aid with large solid rubber wheels (diameter 250 mm) to enable the machine to be manoeuvred easily and conveniently by hand on a paved surface. Suitable for machines with electric motors. On machines with tractor PTO shafts and hybrid drive, this transport aid is already included as standard.	○	○	○	✓	✓	✓	✓	10
F0003773	Chip extraction connection, diameter 100 mm, suitable for a tilting saw without a three-point suspension system	○	○	○	×	×	×	○	2
F0003774	Chip extraction connection, diameter 100 mm, suitable for a tilting saw with three-point suspension	×	×	×	○	○	○	×	3
F0003733	Hour meter with digital display of hours and PTO speed, suitable for machines with tractor PTO shaft and hybrid drive: Tractor PTO shaft and electric motor	×	×	×	○	○	○	×	1
F0003534	Hour meter with analogue display, suitable for machines with an electric motor drive of 400 V	○	○	○	×	○	○	×	1
Z2000635	Walterscheid W-Line universal joint shaft	×	×	×	○	○	○	×	8

○ optional × not available ✓ standard equipment

Accessory equipment
at a glance



Accessory equipment Tilting saw

THE HIP-BEND TRICK

Would you like to take the strain off your arms and achieve elevation in comfort during work? The optional hip roll enables an alternative, ergonomic and fatigue-free way of operating the saw rocker. This gentle support ensures that you have to exert less effort during shifts of longer length, allowing you to work more efficiently and comfortably.



FOR XXL LOGS



With the tilting extension (F0003779), you can also secure log lengths up to 200 cm safely and comfortably for sawing. The wood can be easily moved to the next cut using the rollers. When the tilting extension isn't in use, it slots into its parking position – safely stowed away but always within easy reach!



SIMPLY FROM A TO B

The standard solid rubber wheels, with a diameter of 300 mm, ensure easy transport on level ground. Tilting saws with an electric motor are fitted with practical, extendable transport handles, so that the machine can be lifted and moved just like a chest on wheels. The wheel brake prevents the tilting saw from moving whilst in operation!

Machines with tractor PTO shaft and hybrid drive are fitted with a three-point linkage as standard. A transport aid is included in the scope of delivery to ensure that the machine can be manoeuvred easily by hand, even without a three-point linkage.

A handy locking mechanism stabilises the rocker during storage and transport, ensuring that the machine can be stowed away to save space.



FOR A CLEAN WORK STATION

The chip extraction connection on the circular saw allows you to connect it easily to a chip extraction fan. To this end, the chip extraction connection is attached to the machine to ensure a clean and virtually dust-free working environment.



OUR METER

Would you like to rent out your machine or keep an eye on the operating time? A suitable operating hours counter is available for each drive variant, allowing you to read off the exact machine running time.

Service and wear parts Tilting saw

Genuine POSCH spare parts impress with their precise fit, superior quality and safety!

Article no.	Name	Type E5.5-400	Type KE5.5- 400	Type KE7.5- 400	Type PZG	Type PZG- E5.5-400	Type PZG- E7.5-400	Type B10.3	Weight ~ kg
F0004963	purr Widia circular saw blade for the firewood cut – significantly quieter than a standard Widia saw blade! Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 84	○	○	○	○	○	○	○	11
F0004865	Coarse-toothed circular saw blade for the firewood cut, outer diameter: 700 mm, bore diameter: 30 mm, number of teeth: 56	○	○	○	○	○	○	○	9

○ optional ✗ not available ✓ standard equipment



You can find more information about the saw blades on page 228!

Retrofitting Tilting saw

Retrofitting of tilting saws – Compatible with the H and HS model series.

Article no.	Name	Type E5.5-400	Type KE5.5- 400	Type KE7.5- 400	Type PZG	Type PZG- E5.5-400	Type PZG- E7.5-400	Type B10.3	Weight ~ kg
F0004128	Longitudinal stop, damped and tool-free adjustable, for timber lengths of 20–34 cm, including a storage position on the machine. Easy to dismantle, so that the machine can also be used without the longitudinal stop. Estimated assembly time: 3 hours Suitable for the 'HS' model range.	○	○	○	○	○	○	○	14
F0004402	A hold-down device to securely hold the log in place in the sawing cradle whilst sawing (can be switched off). Estimated installation time: 2 hours Compatible with the 'HS' model range from April 2019.	○	○	○	○	○	○	○	2
F0003887	Three-point linkage Cat. I + II, for easy transport by tractor, for machines with an electric motor as the drive. This retrofitting kit includes the transport aid (item no. F0003835). Estimated assembly time: 3 hours Suitable for the 'H' and 'HS' model ranges.	○	○	○	✓	✓	✓	○	56

○ optional ✗ not available ✓ standard equipment

DESIRED LOG LENGTHS

Would you like to be able to saw logs of the same length every time, without having to keep an eye on measurement marks? The solution: An adjustable, cushioned longitudinal stop that can be quickly adjusted to between 20 and 34 cm. Once cut, the logs simply slide off the seesaw, ideally onto a conveyor belt or into a sliding bin. This eliminates the need for laborious and time-consuming manual removal. The longitudinal stop is available both as original equipment and as a retrofit for the HS and H models.



SAFE SAWING: THE HOLD-DOWN DEVICE SECURES THE LOG

The optional hold-down device holds the wood securely in place whilst sawing, thereby reducing the risk of the saw blade jamming. If necessary, it can be deactivated fast and tool-free.



Do you have some
brilliant ideas for us,
or would you like to be
part of our features?

Get in touch!
gewaldig@posch.com

FOLLOW US:



UniCut

One saw, three possibilities!

With the UniCut's basic model, you can cut firewood –
a classic roller-bench saw or table circular saw.

Universally upgradeable:

You can either order the model you require when placing your initial order, or simply retrofit your UniCut later for longitudinal cutting or cutting. In any case, you can saw safely, as your hands are protected from coming into contact with the saw blade.

UniCut



in action!



SAWING
manual



PRODUCES
Firewood
Fence posts
Wooden boards





UniCut firewood saw, E5.5-400



Highlights



ONE SAW, THREE WAYS!



A saw without compromise: The UniCut cuts everything, not just firewood. It is a true jack-of-all-trades, ready to show wood its teeth. These are either optional, or you can select the model of your saw you require when placing your initial order: For firewood, rip, crosscut and mitre saws!
Read more about this on the next page!



**EASY TO USE AND
SAFE TRANSPORT – FLEXIBILITY
FOR EACH DRIVE VARIANT**

The standard solid rubber wheels, with a diameter of 300 mm, ensure easy transport on level ground. Models with an electric motor feature integrated, fold-away transport handles, allowing the machine to be lifted and moved like a wheelbarrow ; a wheel brake is also included. Machines with tractor PTO shafts and hybrid drive come with a three-point linkage as standard, and the transport aid makes it even easier to manoeuvre the machine, even into the most remote corners. A handy saw table lock keeps the table stable during storage and transport.



**EASY MAINTENANCE –
CONSISTENTLY HIGH PERFORMANCE**

The saw blade can be changed fast and easily – the correct tool is supplied with the product. Thanks to the handy central lubrication rail on the machine's frame, maintenance of the moving parts can be carried out in just a few simple steps, saving time and extending the service life. Furthermore, the V-belts can be easily retensioned to ensure consistent performance and optimum efficiency. This ensures your machine is always in perfect condition and ready for use at any time!

**QUIET, QUIETER, QUIETEST
THE JOY OF SAWING**

Thanks to its advanced sound-absorption technology and a specially developed tooth geometry, the purr Widia circular saw blade drastically reduces noise levels during cutting, resulting in a significantly more pleasant working environment. The noise level when idling is now just 72 dB(A), down from 92 dB(A). The PURR circular saw blade stands out for its longer service life compared to conventional coarse-toothed circular saw blades, meaning it remains sharp and effective for longer before it needs to be replaced or resharpened. Efficiency increases and costs for the user are reduced.



The purr saw blade delivers an unrivalled sawing experience – not just for your ears, but for your neighbours' too!

UniCut

MORE THAN JUST A TABLE SAW

It all began years ago with the practical tilting table saw, which was, however, withdrawn from the range in 2018 due to a change in standards.

The successor model, the UniCut, is available in various models: for a traditional firewood cut, for producing wooden posts, or for a longitudinal cut. With the right model for you, the UniCut will meet all your needs.

And whatever you do, always ensure safety!

Nice to know!

A chip extraction unit – which can be retrofitted – ensures a clean workplace!

FROM THE FIELD

POSCH machines have been in use on the Hummel family's farm for five decades now – the roller table saw from 1985 is still in use today. The fleet has now grown to a total of four vehicles:

I've practically grown up with our first POSCH saw, so to speak; I know every detail about it and still enjoy using it to cut firewood. As this machine is powered solely by an electric motor, a POSCH tabletop pendulum circular saw was added in 2016 to enable it to be used outside the property as well.

It has a main application for cutting firewood at home, but also for longitudinal cuts. The saw joins the HydroCombi 16 from 2005 and the SplitAxt from 2015 in our POSCH fleet. No other brand made it onto the shortlist at all. There's now a POSCH machine to suit every job!

CHRISTIAN HUMMEL



One saw – three possibilities: UniCut!

FIREWOOD CUT



Operated with just one hand!

Would you like to saw firewood at the table as usual? The large sawing table is robust and solidly built, ensuring maximum stability. The ball bearing allows for effortless operation, whilst the tension spring ensures that the mechanism returns automatically to its original position. The retaining lugs on the saw blade guard and the clamping device hold the wood securely in place during the firewood cut, thereby minimising twisting of the log and preventing the saw blade from jamming. The integrated handle on the mounting bracket allows for easy operation and an ergonomic saw feed. The tension springs ensure that the clamping device opens automatically once released, so that the log can be moved forward for the next cut. An additional protective guard on the clamping device prevents direct access to the circular saw blade and provides even greater safety. This option is available both as standard equipment and as an add-on pack.

Precision sharpening and cutting device for round timber – ideal for posts and more.

Would you like to taper and cut round timber to make posts? Then the sharpening and cutting device is just the thing for you! Round timber with a diameter of 5 to 24 cm can be processed without any difficulty. The saw blade guard (to the left and right of the saw blade) can be moved sideways, is transparent and equipped with rollers on the operator's side. This makes it easier to thread the wood and swivel it whilst sharpening. A folding centring device (bracket) ensures the workpiece is aligned exactly and, when used with the push tool, enables a precise cutting on the fixed sawing table. The splitting wedge ensures that nothing gets jammed during the cutting. To make your work even more comfortable and achieve the best results, it is advisable to choose the right saw blade. Another plus point: If the saw is powered by the tractor PTO shaft, it is mounted at a 90° angle to the tractor. This means that even pieces of timber of longer length, such as round timbers, posts or planks, can be worked on with ease. This option is available both as standard equipment and as an add-on pack.

TAPER AND CUTTING



LONGITUDINAL CUT



Efficient longitudinal cuts – for precise work and maximum convenience.

Would you like to make longitudinal cuts with ease? The solution is our UniCut roller table saw with a longitudinal cutting configuration. It features a spring-assisted, movable, pre-adjustable and self-adjusting protective hood containing machinable inserts. The tool-free adjustable longitudinal stop and the sliding tool ensure precise cuts, whilst the riving knife ensures that the wood does not jam during longitudinal cuts. To make your work even more comfortable and achieve the best results, it is advisable to choose the right saw blade.

Another plus point: If the saw is powered by the tractor PTO shaft, it is mounted at a 90° angle to the tractor. This means that even pieces of timber with a length of several meters, such as boards, posts or slabs, can be worked on with ease. This option is available both as standard equipment and as an add-on pack.



UniCut Firewood/Sharpening and Cutting/Longitudinal Cut Saw Overview

Drive	Drive 1	Electric motor	Electric motor	Electric motor	Electric motor
	Drive 2	-	-	-	-
	Type	E5.5-400	KE5.5-400	KE7.5-400	KE9-400
Firewood saw	Minimum cutting diameter (cm)	5	5	5	5
	Max. cutting diameter (cm)	24	24	24	24
	Length transport / working position mm	1505 / 1505	1505 / 1505	1505 / 1505	1505 / 1505
	Width transport / working position mm	850 / 850	850 / 850	850 / 850	930 / 930
	Height transport / working position mm	1220 / 1595	1220 / 1595	1220 / 1595	1220 / 1595
Pointing and crosscut saw	Minimum cutting diameter (cm)	5	5	5	5
	Max. cutting diameter (cm)	24	24	24	24
	Cutting processing diameter, max. cm	10	10	15	20
	Length transport / working position mm	1610 / 1610	1610 / 1610	1610 / 1610	1610 / 1610
	Width transport / working position mm	915 / 915	915 / 915	915 / 915	915 / 915
Longitudinal cut saw	Height transport / working position mm	1230 / 1230	1230 / 1230	1230 / 1230	1230 / 1230
	Maximum processing thickness (longitudinal cut), cm	10	10	15	20
	Length transport / working position mm	1620 / 1620	1620 / 1620	1620 / 1620	1620 / 1620
	Width transport / working position mm	920 / 920	920 / 920	920 / 920	985 / 985
	Height transport / working position mm	1340 / 1340	1340 / 1340	1340 / 1340	1340 / 1340
Basic model	Direct drive	✓	✗	✗	✗
	V-belt drive	✗	✓	✓	✓
	Purr-Widia saw blade	✓	✓	✓	✓
	Large sawing table (1500 x 855 mm)	✓	✓	✓	✓
	Table guide with ball-bearing support	✓	✓	✓	✓
	Solid rubber wheels, diameter 300 mm	✓	✓	✓	✓
	Three-point linkage Cat. I + II	✗	✗	✗	✗
	Transport aid	✗	✗	✗	✗
Technical data	Saw blade diameter (mm)	700	700	700	700
	Log length min. cm	100	100	100	100
	Log length max. cm	200	200	200	200
	Weight kg	172	190	202	215
	Saw blade braking	electric	electric	electric	electric
	Power specification electric motor S6 kW	5.5	5.5	7.5	9
	Motor protection switch	✓	✓	✓	✓
	Phase inverter	✓	✓	✓	✓
	Star-delta start	○	○	✓	✓
	Mains power requirements	3 x 400 V, 50 Hz, CEE 16 A	3 x 400 V, 50 Hz, CEE 16 A	3 x 400 V, 50 Hz, CEE 16 A	3 x 400 V, 50 Hz, CEE 32 A
	Average power consumption kWh*	2.5 – 3.5	2.5 – 3.5	3.0 – 4.0	3.5 – 5.0
	Power requirement PTO kW		-	-	-
	PTO speed, max. rpm	-	-	-	-
	Joint shaft required	-	-	-	-
Transport	Tractor chassis	✗	✗	✗	✗
	Transport aid	✗	✗	✗	✗
Special equipment	Star-delta start	○	○	✓	✓
Accessory equipment	Drive shaft	✗	✗	✗	✗
	Chip extraction connection, diameter 100 mm	○	○	○	○
	Chip extraction fan	350S	350S	350S	350S
	Cyclone	350	350	350	350
	Hour meter	○	○	○	○
Retrofitting	Firewood saw model	○	○	○	○
	Model: Pointing and Crosscut Saw	○	○	○	○
	Longitudinal cut saw model	○	○	○	○

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.

UniCut Firewood/Sharpening and Cutting/Longitudinal Cut Saw Overview

Drive	Drive 1	Tractor PTO shaft	Hybrid drive: Tractor PTO shaft	Hybrid drive: Tractor PTO shaft	Hybrid drive: Tractor PTO shaft
	Drive 2	-	Electric motor	Electric motor	Electric motor
	Type	PZG	PZG-E5.5-400	PZG-E7.5-400	PZG-E9-400
Firewood saw	Minimum cutting diameter (cm)	5	5	5	5
	Max. cutting diameter (cm)	24	24	24	24
	Length transport / working position mm	1770 / 1970	1770 / 1970	1770 / 1970	1770 / 1970
	Width transport / working position mm	1000 / 1000	1000 / 1000	1000 / 1000	1000 / 1000
	Height transport / working position mm	1220 / 1595	1220 / 1595	1220 / 1595	1220 / 1595
Pointing and crosscut saw	Minimum cutting diameter (cm)	5	5	5	5
	Max. cutting diameter (cm)	24	24	24	24
	Cutting width ; max. processing diameter: cm	20	10	15	20
	Length transport / working position mm	1880 / 1880	1880 / 1880	1880 / 1880	1880 / 1880
	Width transport / working position mm	1000 / 1000	1000 / 1000	1000 / 1000	1000 / 1000
	Height transport / working position mm	1230 / 1230	1230 / 1230	1230 / 1230	1230 / 1230
Longitudinal cut saw	Maximum processing thickness (longitudinal cut), cm	20	10	15	20
	Length transport / working position mm	1885 / 1885	1885 / 1885	1885 / 1885	1885 / 1885
	Width transport / working position mm	970 / 970	970 / 970	970 / 970	970 / 970
	Height transport / working position mm	1340 / 1340	1340 / 1340	1340 / 1340	1340 / 1340
Basic model	Direct drive	✗	✗	✗	✗
	V-belt drive	✓	✓	✓	✓
	Purr-Widia saw blade	✓	✓	✓	✓
	Large sawing table (1500 x 855 mm)	✓	✓	✓	✓
	Table guide with ball-bearing support	✓	✓	✓	✓
	Solid rubber wheels, diameter 300 mm	✓	✓	✓	✓
	Three-point linkage Cat. I + II	✓	✓	✓	✓
	Transport aid	✓	✓	✓	✓
Technical data	Saw blade diameter (mm)	700	700	700	700
	Log length min. cm	100	100	100	100
	Log length max. cm	200	200	200	200
	Weight kg	254	297	303	310
	Saw blade braking	mechanical	mechanical / electrical	mechanical / electrical	mechanical / electrical
	Power specification electric motor S6 kW	-	5.5	7.5	9
	Motor protection switch	-	✓	✓	✓
	Phase inverter	-	✓	✓	✓
	Star-delta start	-	○	✓	✓
	Mains power requirements	-	3 x 400 V, 50 Hz, CEE 16 A	3 x 400 V, 50 Hz, CEE 16 A	3 x 400 V, 50 Hz, CEE 32 A
	Average power consumption kWh*	-	2.5 – 3.5	3.0 – 4.0	3.5 – 5.0
	Power requirement PTO kW	11	11	11	11
	PTO speed, max. rpm	540	540	540	540
	Joint shaft required	-	-	-	-
Transport	Tractor chassis	○	○	○	○
	Transport aid	✓	✓	✓	✓
Special equipment	Star-delta start	-	○	✓	✓
Accessory equipment	Drive shaft	○	○	○	○
	Chip extraction connection, diameter 100 mm	○	○	○	○
	Chip extraction fan	350S	350S	350S	350S
	Cyclone	350	350	350	350
	Hour meter	○	○	○	○
Retrofitting	Firewood saw model	○	○	○	○
	Model: Pointing and Crosscut Saw	○	○	○	○
	Longitudinal cut saw model	○	○	○	○

*Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.

○ optional ✗ not available ✓ standard equipment

Basic model UniCut firewood saw

The table circular saw for the firewood cut – optional as a taper cut saw or a longitudinal cut saw!

Article no.	Type	Name	Drive	Cutting diameter (max. cm)	Weight ~ kg
M1119HSWLR	E5.5-400	UniCut firewood saw, E5.5-400, direct drive with electric motor, 5.5 kW, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter, model designed for firewood cut with a max. cutting diameter of 24 cm, purr Widia circular saw blade, diameter 700 mm, including tool for changing the saw blade, large sawing table with ball-bearing table guide, fold-out handles, solid rubber wheels with a diameter of 300 mm and wheel brakes		24	172
M1028HSWLR	KE5.5-400	UniCut firewood saw, KE5.5-400, v-belt drive with electric motor, 5.5 kW, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter, model designed for a firewood cut with a max. cutting diameter of 24 cm, purr Widia circular saw blade, diameter 700 mm, including tool for changing the saw blade, large sawing table with ball-bearing table guide, fold-out handles, solid rubber wheels with a diameter of 300 mm and wheel brakes		24	190
M1030HSWLR	KE7.5-400	UniCut firewood saw, KE7.5-400, v-belt drive with electric motor, 7.5 kW, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter, model designed for a firewood cut with a max. cutting diameter of 24 cm, purr Widia circular saw blade, diameter 700 mm, including tool for changing the saw blade, large sawing table with ball-bearing table guide, fold-out handles, solid rubber wheels with a diameter of 300 mm and wheel brakes		24	202
M1032HSWLR	KE9-400	UniCut firewood saw, KE9-400, v-belt drive with electric motor, 9 kW, S6, 3 x 400 V, 50 Hz, CEE 32 A, star-delta start, motor protection switch with phase inverter, model designed for a firewood cut with a max. cutting diameter of 24 cm, purr Widia circular saw blade, diameter 700 mm, including tool for saw blade replacement, large sawing table with ball-bearing table guide, fold-out handles, solid rubber wheels with a diameter of 300 mm and wheel brakes		24	215
M1019HSWLR	PZG	UniCut firewood saw, PZG, v-belt drive with tractor PTO shaft, required PTO speed 540 rpm, power requirement 11 kW, model for firewood cut with a max. cutting diameter of 24 cm, purr Widia circular saw blade, diameter 700 mm, including tool for blade change, large sawing table with ball-bearing table guide, solid rubber wheels, diameter 300 mm, and transport aid, three-point linkage, Cat. I + II. PTO shaft required!		24	254
M1037HSWLR	PZG-E5.5-400	UniCut firewood saw, PZG-E5.5-400, v-belt drive with tractor PTO shaft, required PTO speed 540 rpm, power requirement 11 kW, and drive with 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter, model designed for firewood cut with a max. cutting diameter of 24 cm, purr Widia circular saw blade, diameter 700 mm, including tool for saw blade replacement, large sawing table with ball-bearing table guide, solid rubber wheels with diameters of 300 mm and transport aid, three-point linkage, Cat. I + II. PTO shaft required!	 	24	297
M1038HSWLR	PZG-E7.5-400	UniCut firewood saw, PZG-E7.5-400, v-belt drive with tractor PTO shaft, required PTO speed 540 rpm, power requirement 11 kW and drive with 7.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter, model designed for firewood cut with a max. cutting diameter of 24 cm, purr Widia circular saw blade, diameter 700 mm, including tool for saw blade replacement, large sawing table with ball-bearing table guide, solid rubber wheels with a diameter of 300 mm and transport aid, three-point linkage, Cat. I + II. PTO shaft required!	 	24	303
M1040HSWLR	PZG-E9-400	UniCut firewood saw, PZG-E9-400, v-belt drive with tractor PTO shaft, required PTO speed 540 rpm, power requirement 11 kW and drive with 9 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 32 A, star-delta start, motor protection switch with phase inverter, model designed for firewood cut with a max. cutting diameter of 24 cm, purr Widia circular saw blade, diameter 700 mm, including tool for saw blade replacement, large sawing table with ball-bearing table guide, solid rubber wheels with a diameter of 300 mm and transport aid, three-point linkage, Cat. I + II. PTO shaft required!	 	24	310

Special equipment UniCut firewood saw

! Only possible with original equipment, incl. installation.

Article no.	Name	Type E5.5- 400	Type KE5.5- 400	Type KE7.5- 400	Type KE9- 400	Type PZG	Type PZG- E5.5-400	Type PZG- E7.5-400	Type PZG- E9-400	Weight ~ kg
WL (SO1490)	purrr Widia circular saw blade for the firewood cut – significantly quieter than a traditional Widia saw blade! Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 84 Included as standard in the basic model!	✓	✓	✓	✓	✓	✓	✓	✓	11
GZ (SO1494)	Discounted coarse-toothed circular saw blade for the firewood cut, instead of a purrr Widia circular saw blade, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 56	○	○	○	○	○	○	○	○	15
Y (SO1280)	Surcharge for motor protection switch with star-delta start for drive via a generator, suitable for electric motors with 5.5 kW, S6 duty cycle	○	○	✓	✓	✗	○	✓	✓	1

○ optional ✗ not available ✓ standard equipment

OPTIMISED OPERATION WITH A GENERATOR: MOTOR PROTECTION SWITCH WITH STAR-DELTA START

Would you like to run your machine using a generator? Machines with a drive power of up to 5.5 kW are fitted as standard with a motor protection switch and direct start. With the optional motor protection switch and star-delta start (special equipment 'Y'), the starting current is reduced, which makes operation with a generator much easier.



TRACTOR DRIVE WITH A PTO SHAFT

Do you also work outside your home and garden? This means you can choose your place of work flexibly.

You can find more
information about the saw
blades on page 228!



Basic model UniCut longitudinal cut saw

The table circular saw for longitudinal cuts – optional as a firewood and pointing saw!

Article no.	Type	Name	Drive	Longitudinal cut processing diameter (max. 10 cm)	Weight ~ kg
M1119HSWLL	E5.5-400	UniCut longitudinal cut saw, E5.5-400, direct drive with electric motor, 5.5 kW, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter, for longitudinal cuts with a max. cutting thickness of 10 cm, purr Widia circular saw blade, diameter 700 mm, including tool for changing the saw blade, large sawing table with ball-bearing table guide, fold-out handles, solid rubber wheels with a diameter of 300 mm and wheel brakes		10	176
M1028HSWLL	KE5.5-400	UniCut longitudinal cut saw, E5.5-400, v-belt drive with electric motor, 5.5 kW, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter, for longitudinal cuts with a max. cutting thickness of 10 cm, purr Widia circular saw blade, diameter 700 mm, including tool for saw blade change, large sawing table with ball-bearing table guide, fold-out handles, solid rubber wheels with a diameter of 300 mm and wheel brakes		10	194
M1030HSWLL	KE7.5-400	UniCut longitudinal cut saw, KE7.5-400, v-belt drive with electric motor, 7.5 kW, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter, for longitudinal cuts with a max. cutting thickness of 15 cm, purr Widia circular saw blade, diameter 700 mm, including tool for saw blade change, large sawing table with ball-bearing table guide, handles, solid rubber wheels with a diameter of 300 mm and wheel brakes		15	206
M1032HSWLL	KE9-400	UniCut longitudinal cut saw, KE9-400, v-belt drive with electric motor, 9 kW, S6, 3 x 400 V, 50 Hz, CEE 32 A, star-delta start, motor protection switch with phase inverter, for longitudinal cuts with a max. cutting thickness of 20 cm, purr Widia circular saw blade, diameter 700 mm, including tool for saw blade change, large sawing table with ball-bearing table guide, handles, solid rubber wheels with a diameter of 300 mm and wheel brakes		20	219
M1019HSWLL	PZG	UniCut longitudinal cut saw, PZG, v-belt drive with tractor PTO shaft, required PTO speed 540 rpm, Power requirement 11, kW, for longitudinal cuts with a max. cutting thickness of 20 cm, purr Widia circular saw blade, diameter 700 mm, including tool for saw blade change, large sawing table with ball-bearing table guide, solid rubber wheels, diameter 300 mm, and transport aid, three-point linkage, Cat. I + II. PTO shaft required!		20	258
M1037HSWLL	PZG-E5.5-400	UniCut longitudinal cut saw, PZG-E5.5-400, V-belt drive with tractor PTO shaft, required PTO speed 540 rpm, power requirement 11 kW, for longitudinal cuts with a max. cutting thickness of 20 cm and drive via a 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter, for longitudinal cuts with a max. cutting thickness of 10 cm, purr Widia circular saw blade, diameter 700 mm, including tool for saw blade change, large sawing table with ball-bearing table guide, solid rubber wheels, diameter 300 mm, and transport aid, three-point linkage, Cat. I + II. PTO shaft required!		20	301
				10	
M1038HSWLL	PZG-E7.5-400	UniCut longitudinal cut saw, PZG-E7.5-400, V-belt drive with tractor PTO shaft, required PTO speed 540 rpm, power requirement 9 kW, for longitudinal cuts with a max. cutting thickness of 20 cm and driven by a 7.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter, for longitudinal cuts with a max. cutting thickness of 15 cm, purr Widia circular saw blade, diameter 700 mm, including tool for saw blade change, large sawing table with ball-bearing table guide, solid rubber wheels with a diameter of 300 mm and transport aid for manual transport, three-point linkage, Cat. I + II. PTO shaft required!		20	307
				15	
M1040HSWLL	PZG-E9-400	UniCut longitudinal cut saw, PZG-E9-400, v-belt drive with tractor PTO shaft, required PTO speed 540 rpm, power requirement 11 kW and drive with 9 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 32 A, star-delta start, motor protection switch with phase inverter, for longitudinal cuts with a max. cutting thickness of 20 cm, purr Widia circular saw blade, diameter 700 mm, including tool for saw blade change, large sawing table with ball-bearing table guide, solid rubber wheels with a diameter of 300 mm and transport aid, three-point linkage, Cat. I + II. PTO shaft required!		20	314
				20	

Special equipment UniCut longitudinal cut saw

! Only possible with original equipment, incl. installation.

Article no.	Name	Type E5.5- 400	Type KE5.5- 400	Type KE7.5- 400	Type KE9- 400	Type PZG	Type PZG- E5.5-400	Type PZG- E7.5-400	Type PZG- E9-400	Weight ~ kg
WL (SO1530)	purr-Widia circular saw blade for firewood and longitudinal cuts – significantly quieter than a standard Widia saw blade! Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 42 Included as standard in the basic model!	✓	✓	✓	✓	✓	✓	✓	✓	1
GZ (SO1531)	Discount on coarse-tooth circular saw blade for firewood cut instead of purr Widia circular saw blade, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 56	○	○	○	○	○	○	○	○	15
Y (SO1280)	Surcharge for motor protection switch with star-delta start for drive via a generator, suitable for electric motors with 5.5 kW, S6 duty cycle	○	○	✓	✓	×	○	✓	✓	1

○ optional × not available ✓ standard equipment

OPTIMISED OPERATION WITH A GENERATOR: MOTOR PROTECTION SWITCH WITH STAR-DELTA START

Would you like to run your machine using a generator? Machines with a drive power of up to 5.5 kW are fitted as standard with a motor protection switch and direct start. With the optional motor protection switch and star-delta start (special equipment 'Y'), the starting current is reduced, which makes operation with a generator much easier.



COMBINED DRIVE

Maximum flexibility and efficiency: The hybrid drive combines the advantages of a tractor PTO shaft and an electric motor!

You can find more
information about the saw
blades on page 228!



Basic model UniCut pointing and crosscut saw

The pointing and crosscut saw – optional as a firewood and longitudinal cut saw!

Article no.	Type	Name	Drive 1	Longitudinal cut Processing Ø max. cm Drive 1	Drive 2	Longitudinal cut Processing Ø max. cm Drive 2	Weight ~ kg
M1119HSWLU	E5.5–400	Direct drive with electric motor, 5.5 kW, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter, for bevelling and cutting with a max. cutting thickness of 10 cm, purr Widia circular saw blade, diameter 700 mm, including tool for changing the saw blade, large sawing table with ball-bearing table guide, fold-out handles and solid rubber wheels with a diameter of 300 mm, with wheel brakes for manual transport		10	-	-	165
M1028HSWLU	KE5.5–400	V-belt drive with electric motor, 5.5 kW, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter, for bevelling and cutting with a max. cutting thickness of 10 cm, purr Widia circular saw blade, diameter 700 mm, including tool for changing the saw blade, large sawing table with ball-bearing table guide, fold-out handles and solid rubber wheels with a diameter of 300 mm, with wheel brakes for manual transport		10	-	-	183
M1030HSWLU	KE7.5–400	V-belt drive with electric motor, 7.5 kW, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter, for bevelling and cutting operations with a max. cutting thickness of 15 cm, purr Widia circular saw blade, diameter 700 mm, including tool for changing the saw blade, large sawing table with ball-bearing table guide, fold-out handles and solid rubber wheels with a diameter of 300 mm, with wheel brakes for manual transport		15	-	-	195
M1032HSWLU	KE9–400	UniCut Pointing and Crosscut Saw, KE9-400, v-belt drive with Electric motor, 9 kW, S6, 3 x 400 V, 50 Hz, CEE 32 A, star-delta-Start-up unit, motor protection switch with phase inverter, for bevelling and cutting with a max. cutting thickness of 20 cm, purr Widia circular saw blade, diameter 700 mm, including tool for changing the saw blade, large sawing table with ball-bearing table guide, fold-out handles and solid rubber wheels with a diameter of 300 mm, with a wheel brake for manual transport		20	-	-	215
M1019HSWLU	PZG	V-belt drive with tractor PTO shaft, required PTO speed 540 rpm, power requirement 11 kW, for bevelling and cutting with a max. cutting thickness of 20 cm, purr Widia circular saw blade, diameter 700 mm, including tool for blade change, large sawing table with ball-bearing table guide, solid rubber wheels, diameter 300 mm, and transport aid for manual transport, three-point linkage, Cat. I + II. PTO shaft required!		20	-	-	247
M1037HSWLU	PZG-E5.5–400	V-belt drive with tractor PTO shaft, required PTO speed 540 rpm, power requirement 11 kW, for sharpening and cutting operations with a max. cutting thickness of 20 cm, and drive via a 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter, for bevelling and cutting with a max. cutting thickness of 10 cm, purr Widia circular saw blade, diameter 700 mm, including tool for saw blade replacement, large sawing table with ball-bearing table guide, solid rubber wheels with a diameter of 300 mm and a transport aid for manual transport, three-point linkage, Cat. I + II. PTO shaft required!		20		10	290
M1038HSWLU	PZG-E7.5–400	V-belt drive with tractor PTO shaft, required PTO speed 540 rpm, power requirement 11 kW, for bevelling and cutting with a max. cutting thickness of 20 cm, and drive with a 7.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch with phase inverter, for bevelling and cutting with a max. cutting thickness of 15 cm, purr Widia circular saw blade, diameter 700 mm, including tool for blade change, large sawing table with ball-bearing table guide, solid rubber wheels with a diameter of 300 mm and transport aid for manual transport, three-point linkage, Cat. I + II. PTO shaft required!		20		15	296
M1040HSWLU	PZG-E9–400	V-belt drive with tractor PTO shaft, required PTO speed 540 rpm, power requirement 11 kW and drive with 9 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 32 A, star-delta start, motor protection switch with phase inverter, for bevelling and cutting with a max. cutting thickness of 20 cm, purr Widia circular saw blade, diameter 700 mm, including tool for saw blade change, large sawing table with ball-bearing table guide, solid rubber wheels with a diameter of 300 mm and a transport aid for manual transport, three-point linkage, Cat. I + II. PTO shaft required!		20		20	310

Special equipment UniCut pointing and crosscut saw

 Only possible with original equipment, incl. installation.											
Article no.	Name	Type E5.5- 400	Type KE5.5- 400	Type KE7.5- 400	Type KE9- 400	Type PZG	Type PZG- E5.5-400	Type PZG- E7.5-400	Type PZG- E9-400	Weight ~ kg	
WL (SO1530)	purr Widia circular saw blade for firewood and longitudinal cuts, significantly quieter than the traditional Widia saw blade! Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 42	✓	✓	✓	✓	✓	✓	✓	✓	1	
	Included as standard in the basic model!										
GZ (SO1531)	Discount on coarse-tooth circular saw blade for firewood cut instead of purr Widia circular saw blade, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 56	○	○	○	○	○	○	○	○	15	
Y (SO1280)	Surcharge for motor protection switch with star-delta start for drive via a generator, suitable for 5.5 kW electric motors, S6 Drive power	○	○	✓	✓	×	○	✓	✓	1	

○ optional × not available ✓ standard equipment

OPTIMISED OPERATION WITH A GENERATOR: MOTOR PROTECTION SWITCH WITH STAR-DELTA START

Would you like to run your machine using a generator? Machines with a drive power of up to 5.5 kW are fitted as standard with a motor protection switch and direct start. With the optional motor protection switch and star-delta start (special equipment 'Y'), the starting current is reduced, which makes operation with a generator much easier.



ELECTRIC DRIVE

Efficient, quiet and
environmentally friendly:
The electric motor: a
cost-effective solution!

You can find more
information about the saw
blades on page 228!



Chassis UniCut Firewood/Pointing and Cutting/Longitudinal Cut Saw

Mobile use - even outside the house and yard.



Only possible with original equipment, incl. installation.

Article no.	Name	Type E5.5- 400	Type KE5.5- 400	Type KE7.5- 400	Type KE9- 400	Type PZG	Type PZG- E5.5-400	Type PZG- E7.5-400	Type PZG- E9-400	Weight ~ kg
T (S01506)	Surcharge for tractor chassis 10 km/h with pneumatic tyres, rigid drawbar, with tow eye and support legs	×	×	×	×	○	○	○	○	15

○ optional × not available ✓ standard equipment



EASY TO TRANSPORT FROM A TO B

The pneumatic-tyred tractor chassis ensures a comfortable ride. Fitted with a rigid drawbar, a tow eye and support legs with large base plates, it offers stability and ease of handling during transport. Transport arrangements and driving speeds on public roads must be checked on a country-by-country basis.

Accessory equipment UniCut firewood, sharpening, cutting and longitudinal cut saw

For more power and comfort during producing firewood.

Article no.	Name	Type E5.5- 400	Type KE5.5- 400	Type KE7.5- 400	Type KE9- 400	Type PZG	Type PZG- E5.5-400	Type PZG- E7.5-400	Type PZG- E9-400	Weight ~ kg
F0002860	Chip extraction connection Diameter 100 mm, suitable for UniCut without three-point hitch	○	○	○	○	×	×	×	×	11
F0004088	Chip extraction connection Diameter 100 mm, suitable for UniCut with three-point hitch	×	×	×	×	○	○	○	○	10
F0003534	Hour meter with analogue display, suitable for machines with an electric motor drive of 400 V	○	○	○	○	×	×	×	×	1
F0003540	Hour meter with digital display of hours and PTO speed, suitable for machines with tractor PTO shaft and hybrid drive: Tractor PTO shaft and electric motor	×	×	×	×	○	○	○	○	1
ZZ000635	Walterscheid W-Line universal joint shaft	×	×	×	×	○	○	○	○	8

○ optional × not available ✓ standard equipment

FOR A CLEAN ONE WORKPLACE

The chip extraction connection on the circular saw allows you to connect it easily to a chip extraction fan. To this end, the chip extraction connection is attached to the machine to ensure a clean and virtually dust-free working environment.



HOURLY METER



Would you like to rent out your machine or keep an eye on the operating time? A suitable operating hours counter is available for each drive variant, allowing you to read off the exact machine running time.

Service and wear parts UniCut firewood/Sharpening and cutting/longitudinal cut saw

Genuine POSCH spare parts impress with their precise fit, superior quality and safety!

Article no.	Name	Type E5.5- 400	Type KE5.5- 400	Type KE7.5- 400	Type KE9- 400	Type PZG	Type PZG- E5.5-400	Type PZG- E7.5-400	Type PZG- E9-400	Weight ~ kg
F0004963	purrr Widia circular saw blade for the firewood cut – significantly quieter than a standard Widia saw blade! Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 84	○	○	○	○	○	○	○	○	11
F0004865	Coarse-toothed circular saw blade for the firewood cut, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 56	○	○	○	○	○	○	○	○	9
F0004866	purrr-Widia circular saw blade for firewood and longitudinal cuts – significantly quieter than a traditional Widia saw blade! Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 42	○	○	○	○	○	○	○	○	11

○ optional ✕ not available ✓ standard equipment

SIMPLE SAW BLADE CHANGE

Simply by actuating the release bolt, the sawing table can be moved into the maintenance position and then swivelled away effortlessly to allow optimum access to the saw blade. Two wrenches supplied with the saw ensure fast and safe change of the saw blade: One spanner is used to loosen the nut, whilst the second provides a handy counter-hold against the flange and, thanks to its anti-slip feature, ensures a firm grip throughout the entire process.

You can find more
information about the saw
blades on page 228!

Retrofitting UniCut firewood/sharpening and cutting/longitudinal cut saw

Retrofitting of equipment for cutting, sharpening and cutting, as well as for longitudinal cutting of firewood. Suitable for the "HS" model range.

Article no.	Name	Type E5.5- 400	Type KE5.5- 400	Type KE7.5- 400	Type KE9- 400	Type PZG	Type PZG- E5.5-400	Type PZG- E7.5-400	Type PZG- E9-400	Weight ~ kg
F0004619	Retrofitting for for equipping the UniCut with a pointing and crosscut saw: Consisting of a transparent saw blade guard with rollers on the operator's side (to the left and right of the saw blade), a fold-down centring device, a riving knife and a pushing tool. Estimated installation time: 1 hour Suitable for the "HS" model range.	○	○	○	○	○	○	○	○	25
F0004620	Retrofitting for for equipment for the UniCut as a firewood saw: Consisting of a protective hood with retaining studs and a clamping device for the logs. Estimated installation time: 1 hour Suitable for the "HS" model range.	○	○	○	○	○	○	○	○	24
F0004621	Retrofitting for for equipment for the UniCut as a longitudinal cut saw: Consisting of a pre-adjustable and self-adjusting protective hood, a tool-free adjustable longitudinal stop, a riving knife and a pushing tool. Estimated installation time: 1 hour Suitable for the "HS" model range.	○	○	○	○	○	○	○	○	45

○ optional ✕ not available ✓ standard equipment

Overview

Firewood saws with a conveyor belt

	Tilting saw with conveyor belt	EasyCut	SmartCut	AutoCut
				
Wood feed	manual	Automatic	Automatic	Automatic
Firewood cut	manual	manual	Automatic	Automatic
Max. cutting diameter (cm)	24	20	20	23
Potential annual throughput (srm)	350	350	700	7100
Max. max. log lengths (cm)	120 200 with tilting extension	120	120	120 with no leftover, within the tolerance range 200 with cycle control
Transport	Three-point linkage	Three-point linkage	three-point linkage forklift attachment Tractor chassis	Forklift attachment tractor chassis road chassis (80 km/h)
Drive types	 	 	 	 
Conveyor belt	Single-stage telescopic conveyor belt, 4 m	Conveyor belt 1.5 m Single-stage telescopic conveyor belt 4 m 2-way telescopic conveyor belt 5 m	Conveyor belt 1.5 m Single-stage telescopic conveyor belt 4 m 2-way telescopic conveyor belt 5 m	Conveyor belt 1.5 m Conveyor belt 2.5 m Swivelling conveyor belt 5 m

Drive types



Electric motor



Tractor PTO shaft



Hybrid drive

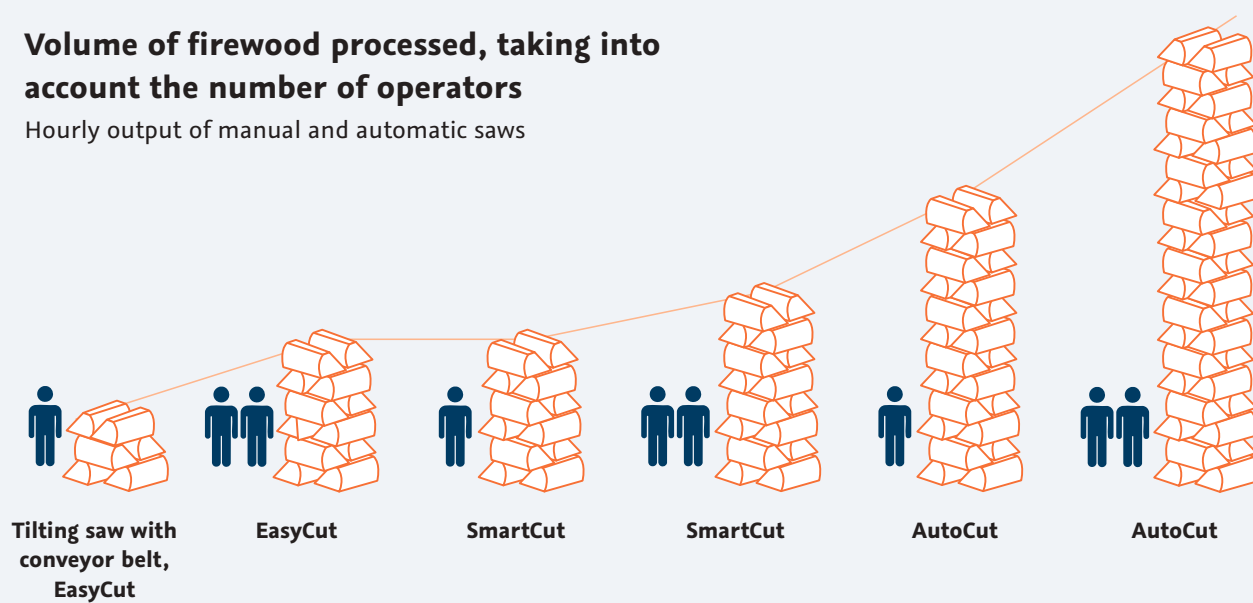


Petrol/Diesel

Further information on the AutoCut is available on request!

Volume of firewood processed, taking into account the number of operators

Hourly output of manual and automatic saws



Tilting saw with conveyor belt

Save time, load straight away

Our tilting saw with conveyor belt can be set up and ready for use in just a few minutes – without any complicated steps, assembly work on the support legs or modifications to the conveyor belt!

As well as offering the familiar convenience of a tilting saw, it not only allows you to work in a way that is easy on your back and requires less effort, but the handy conveyor belt also saves you the hassle of manually loading the logs.

And shhh:

The standard purr saw blade ensures an unrivalled sawing experience that's not only a treat for your ears, but for your neighbours too!



SAWING
manual



PRODUCES
Firewood



CONVEYOR BELT
integrated

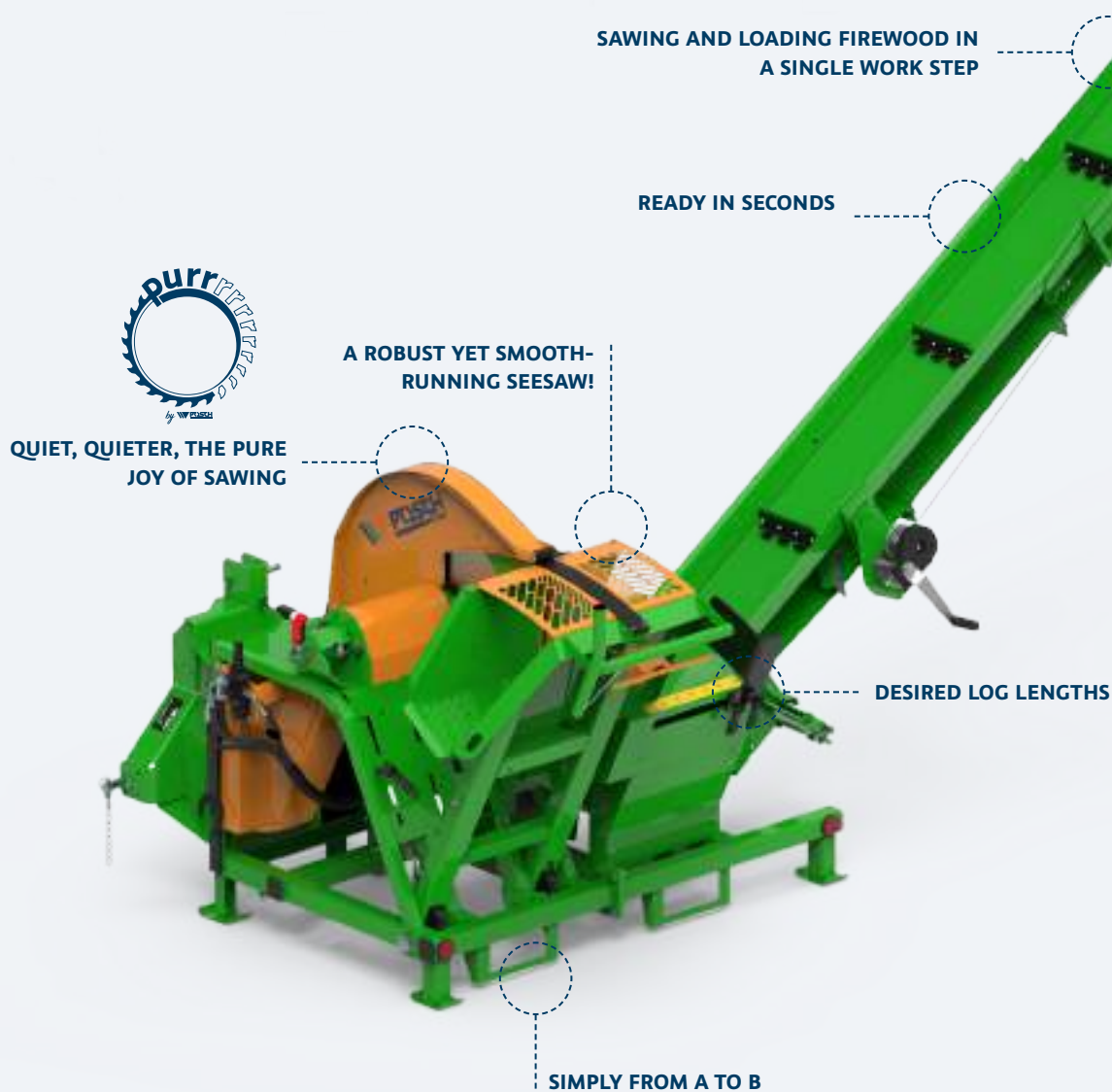




Tilting saw with conveyor belt

Here you see the following configuration example:

Item no: M1365SWLF4 Tilting saw with conveyor belt, PZG



CUTTING $\varnothing$
max. 24 cm



LOG LENGTH
max. 200 cm



WOOD FEED
manual



FIREWOOD CUT
manual



PROCESSING VOLUME
350 srm per year



WEIGHT
at least 471 kg

Highlights



**SAWING AND LOADING FIREWOOD
IN ONE WORK CYCLE**

The sawn logs are fed directly onto the fixed conveyor belt, which has a length of 4 metres and is operated by its own hydraulic system (without any connection to the tractor). Jamming is prevented thanks to the generous transfer area.



**ROBUST YET
SMOOTH-RUNNING ROCKER**

The robust rocker offers maximum stability, whilst spring-assisted action, ball bearings and ergonomic handles ensure effortless operation. The fixed safety guard and rocker lock provide reliable protection against accidental contact with the saw blade. The special rocker shape with retaining nubs helps to prevent the log from twisting and the saw blade from becoming jammed. The adjustable longitudinal stop enables precise cuts, whilst the cutting area is fitted with machinable aluminium inserts that protect the saw blade.



DESIRED LOG LENGTHS

Would you like to be able to saw logs of the same length every time, without having to keep an eye on measurement marks? The solution: The adjustable longitudinal stop, which can be adjusted in 1 cm increments, can be set fast and easily from 20 to 52 cm. Once cut, the logs simply slide off the seesaw onto the conveyor belt. This eliminates the need for laborious and time-consuming manual removal. Thanks to the special shape of the rocker, the final section can be fed onto the conveyor belt with a single, simple hand movement. This means you avoid an empty stroke and save time.



**QUIET, QUIETER, PURRS –
THE JOY OF SAWING**

The purr Widia circular saw blade offers a significant reduction in noise compared with the standard Widia circular saw blade. See page 203 for more information!



SIMPLY FROM A TO B

Thanks to the three-point linkage, the tilting saw can be easily transported using the tractor. The conveyor belt can be retracted and securely fastened for storage using a hand winch; additional forklift attachments make it easier to manoeuvre.

**READY TO USE IN JUST
A FEW SECONDS**

Via two winches at operator height, the conveyor belt is manually extended and retracted – in seconds. And best of all, You can do this without any tools and without any additional modifications! The support legs ensure absolute stability.



tilting saw with conveyor belt

FROM THE FIELD

I was looking for a compact, comfortable yet powerful tilting circular saw with a conveyor belt. What won me over was the well-thought-out design and the practical details, such as the ease with which the cutting stop can be adjusted to different log lengths, as well as the smooth-running rocker mechanism. When used as a stationary unit, a dust extraction system is connected to collect dust and sawdust directly and store it in a bin or sack.

I cut around 100 to 130 cubic metres of hardwood (beech and ash) a year, which is why the machine's robustness and durability were crucial factors for me. The timber is delivered to long-standing customers in the local area and loaded directly onto a rear-loading container or trailer via the conveyor belt. The ingeniously designed chute for feeding the logs onto the conveyor belt is brilliant: It prevents the logs from getting jammed by ensuring they fall onto the conveyor belt immediately after being cut.

After the screening, I knew straight away: That's going to be my machine – but only with the Purrrr saw blade, because you can work without ear protection! I also have a HydroCombi 20 with a winch, which works perfectly as well. Duffner have always given me expert customer advice – including on enquiries about spare parts.

The stated cutting capacity of 2 to 3 cubic metres per hour is accurate – and if you really put your foot down, the machine can even manage 5 cubic metres!

MAGNUS RUPP



FROM THEORY TO PRACTICE

At POSCH, tilting saws and conveyor belts were available separately, but demand for a practical combination grew – and so the tilting saw with a conveyor belt was developed.

Immediately after being sawn, the timber is automatically transported to the next stage of processing without the need for manual intervention.

No more fiddly changes – just work more efficiently.

The tilting saw with conveyor belt is the ideal solution for anyone looking for greater performance and less effort. Perfect as an introduction to the world of conveyor band saws.



The purrr saw blade delivers an unrivalled sawing experience – not just for your ears, but for your neighbours' too!

That's a good argument in favour of the tilting saw with conveyor belt!

SAWING AND LOADING FIREWOOD AS ONE WORK STEP

The manually operated firewood saw with an integrated conveyor belt cuts logs and round timber with a maximum diameter of 24 cm and offers greater ease of use. The sawn logs are automatically fed directly onto the fixed conveyor belt – even the very last piece of the metre-long log falls onto the conveyor belt without the need for an additional rocking cycle! This feed area is particularly spacious and prevents logs from getting stuck. They can be operated by one person or two, and depending on the wood type and the number of operators, an hourly output of 3 to 6 cubic metres can be achieved.



EASY MAINTENANCE – CONSISTENTLY HIGH PERFORMANCE

The saw blade can be changed fast and easily – the correct tool is supplied with the product. Thanks to the handy central lubrication rail on the machine's frame, maintenance of the moving parts can be carried out in just a few simple steps, saving time and extending the service life. Furthermore, the V-belts can be easily retensioned to ensure consistent performance and optimum efficiency. This ensures your machine is always in perfect condition and ready for use at any time!



SIMPLE AND EFFICIENT

The logs can be placed into the sawing bench through the safety guard, pushed forward to the preset stop and sawn. The sawn logs are then automatically transferred to the permanently installed conveyor belt.

ON-BOARD HYDRAULIC SYSTEM

The conveyor belt on the tilting saw is powered standardly by its own integrated hydraulic system, which means there is no need for a connection to the tractor's hydraulics. The system comprises a hydraulic tank with an oil dipstick, a return filter, a control valve, a hydraulic motor and a pump driven by the machine's gearbox.



TOOL HOLDER

Where do you store the tools when your machine is on the move? Use the tool holder fitted as standard to secure the necessary accessory equipment for transport.



Tilting saw with conveyor belt Overview

Drive		Tractor PTO shaft	Hybrid drive: Tractor PTO shaft	Hybrid drive: Tractor PTO shaft
	Drive 1			
	Drive 2	-	Electric motor	Electric motor
	Type	PZG	PZG-E5.5-400	PZG-E7.5-400
Application	Firewood cut	✓	✓	✓
	Operating method	manual	manual	manual
	Potential annual throughput (srm)	350	350	350
Basic model	V-belt drive	✓	✓	✓
	purr-Widia saw blade	✓	✓	✓
	Seesaw with ball-bearing support	✓	✓	✓
	Conveyor belt length (m)	4	4	4
	Conveyor belt incline, adjustable	manual	manual	manual
	Conveyor belt extension	manual	manual	manual
	Conveyor belt drive via	The machine's hydraulic system	The machine's hydraulic system	The machine's hydraulic system
	Longitudinal stop	✓	✓	✓
	Three-point linkage Cat. I + II	✓	✓	✓
Technical data	Saw blade diameter (mm)	700	700	700
	Minimum cutting diameter (cm)	5	5	5
	Max. cutting diameter (cm)	24	24	24
	Log length min. cm	10	10	10
	Log length max. cm	200	200	200
	Weight kg	471	518	520
	Saw blade braking	mechanical	mechanical electrical	, electrical
	Power specification electric motor S6 kW	-	5.5	7.5
	Motor protection switch	-	✓	✓
	Phase inverter	-	✓	✓
	Star-delta start	-	✗	✓
	Mains power requirements	-	3 x 400 V, 50 Hz, CEE 16 A	3 x 400 V, 50 Hz, CEE 16 A
	Average power consumption kWh*	-	2.5–3.5	3.0–4.0
	Power requirement PTO kW	7	7	7
	PTO speed (rpm)	540	540	540
	Joint shaft required	Yes	Yes	Yes
	Length transport / working position mm	1650 / 4500	1650 / 4500	1650 / 4500
	Width transport / working position mm	1640 / 1570	1640 / 1570	1640 / 1570
	Height transport / working position mm	2600 / 2680	2600 / 2680	2600 / 2680
Transport	Three-point linkage Cat. I + II	✓	✓	✓
	Forklift attachment	✓	✓	✓
Special equipment	purr-Widia saw blade	✓	✓	✓
Conveyor belts	Conveyor belt, 4 m	✓	✓	✓
Accessory equipment	Tilting extension	○	○	○
	Chip extraction connection, diameter 100 mm	○	○	○
	Hour meter	○	○	○
	Drive shaft	○	○	○

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.

Basic model tilting saw with conveyor belt

The entry-level model among conveyor belt saws.

Article no.	Type	Name	Drive	Weight ~ kg
M1365SWLF4	PZG	Tilting saw with conveyor belt, PZG, driven by tractor PTO shaft, required PTO speed 540 rpm, Power requirement 7 kW, purr Widia circular saw blade diameter 700 mm, including tool for saw blade change, ball-bearing-mounted rocker, conveyor belt length 4 metres driven by the machine's hydraulic system, manual conveyor belt extension and tilt adjustment, stable footing thanks to integrated brake, forklift attachment, three-point linkage Cat. I + II. PTO shaft required!		471
M1370SWLF4	PZG-E5.5-400	Tilting saw with conveyor belt, PZG-E5.5-400, driven by tractor PTO shaft, required PTO speed 540 rpm, power requirement 7 kW, and driven by a 5.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch and phase inverter, purr Widia circular saw blade, diameter 700 mm, including tool for saw blade change, ball-bearing-mounted rocker, conveyor belt length 4 metres, driven by the machine's hydraulic system, manual conveyor belt extension and tilt adjustment, adjustable longitudinal stop, forklift attachment, three-point linkage, Cat. I + II. PTO shaft required!	 	518
M1379SWLF4	PZG-E7.5-400	Tilting saw with conveyor belt, PZG-E7.5-400, driven by tractor PTO shaft, required PTO speed 540 rpm, power requirement 7 kW, and driven by a 7.5 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch and phase inverter, purr Widia circular saw blade, diameter 700 mm, including tool for saw blade change, ball-bearing-mounted rocker, conveyor belt length 4 metres, driven by the machine's hydraulic system, manual conveyor belt extension and tilt adjustment, stable footing thanks to integrated brake, forklift attachment, three-point linkage, Cat. I + II. PTO shaft required!	 	520



V-BELT DRIVE WITH TRACTOR PTO SHAFT

The v-belt drive with tractor PTO shaft and the optional drive shaft allow the machine to be operated anywhere, whilst the cut-out device and integrated brake ensure safety. Thanks to the three-point linkage, Cat. I and II, the tilting saw can be easily transported using a tractor.

Special equipment tilting saw with conveyor belt

 Only possible with original equipment, incl. installation.

Article no.	Name	Type PZG	Type PZG- E5.5-400	Type PZG- E7.5-400	Weight ~ kg
WL (SO1490)	purr Widia circular saw blade for the firewood cut – significantly quieter than a standard Widia saw blade! Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 84 Standard in the basic model.	✓	✓	✓	11
GZ (SO1494)	Discounted coarse-toothed circular saw blade for the firewood cut, instead of a purr Widia circular saw blade, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 56	○	○	○	9

○ optional ✗ not available ✓ standard equipment

DISCOUNT ON THE CHROME ALLOY CIRCULAR SAW BLADE



Instead of a purr Widia circular saw blade, you can also opt for a more affordable, chrome alloyed coarse-toothed circular saw blade (700 mm, 56 teeth, 30 mm bore).

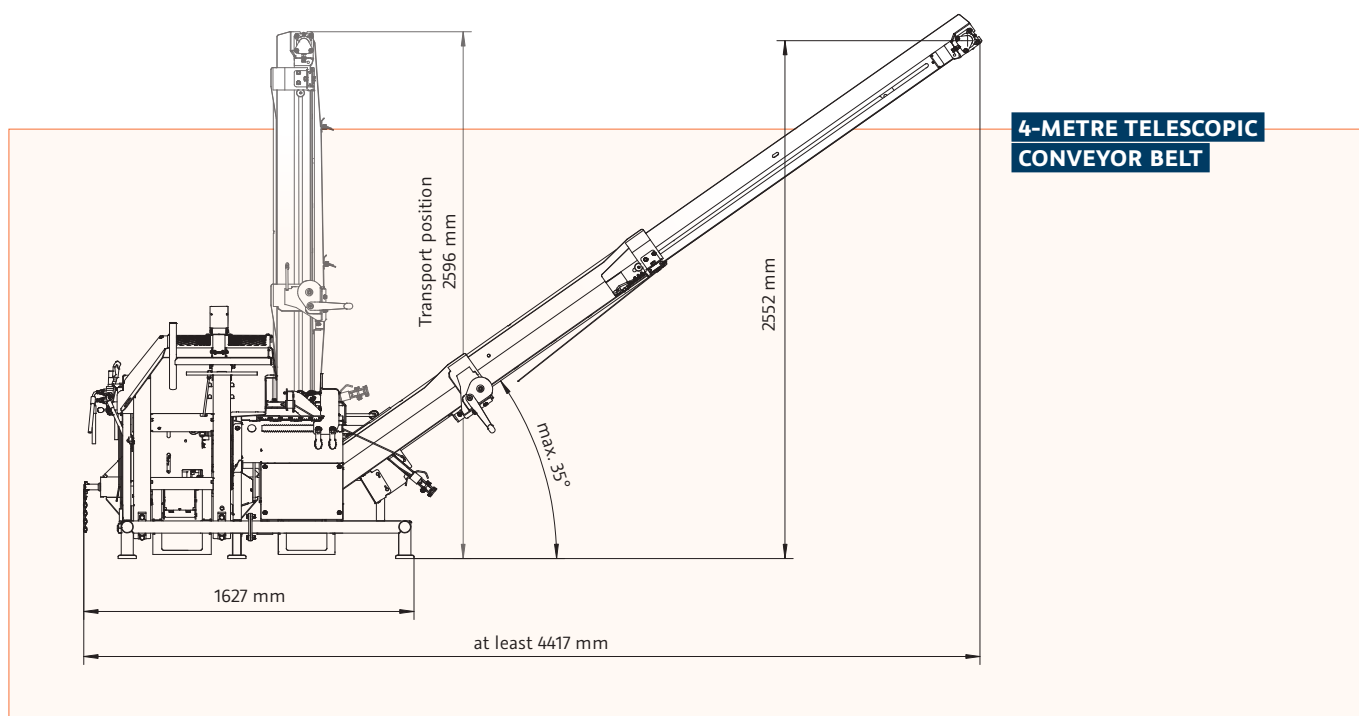
You can find more information about the saw blades from page 228 onwards!

Conveyor belts tilting saw with conveyor belt

A conveyor belt with a length of 4 metres is included as standard in the basic model.

Article no.	Name	Type PZG	Type PZG- E5.5-400	Type PZG- E7.5-400	Weight ~ kg	
F4 (SO1529)	A conveyor belt with a length of 4 metres that is powered by the machine's hydraulic system (no connection to the tractor's hydraulics is required). Included as standard on the basic model.	✓	✓	✓	0	

○ optional ✗ not available ✓ standard equipment



Special equipment tilting saw with conveyor belt

For more power and comfort during producing firewood.

Article no.	Name	Type PZG	Type PZG- E5.5-400	Type PZG- E7.5-400	Weight ~ kg	
F0003779	Tilting extension with rollers for the safe and convenient handling of log lengths up to 200 cm prior to sawing, including a bracket for convenient storage directly on the machine	○	○	○	5	
F0004604	Chip extraction connection, diameter 100 mm, suitable for a tilting saw with a conveyor belt	○	○	○	2	
F0003733	Hour meter with digital display of hours and PTO speed, suitable for machines with tractor PTO shaft and hybrid drive: Tractor PTO shaft and electric motor	○	○	○	1	
Z2000635	Walterscheid W-Line universal joint shaft	○	○	○	8	

○ optional ✗ not available ✓ standard equipment

FOR XXL LOGS

With the tilting extension (F0003779), you can easily and safely position log lengths up to 200 cm for sawing. The wood can be easily moved to the next cut using the rollers. When the tilting extension isn't in use, it can be stored in the parking position – safely stowed away but always within easy reach!



FOR A CLEAN WORKPLACE

The chip extraction connection on the circular saw allows you to connect it easily to a chip extraction fan. To this end, the chip extraction connection is attached to the machine to ensure a clean and virtually dust-free working environment.



HOURLY METER

Would you like to rent out your machine or keep an eye on the operating time? A suitable operating hours counter is available for each drive variant, allowing you to read off the exact machine running time.



Service and wear parts tilting saw with conveyor belt

Genuine POSCH spare parts impress with their precise fit, superior quality and safety!

Article no.	Name	Type PZG	Type PZG- E5.5-400	Type PZG- E7.5-400	Weight ~ kg	
F0004963	purr Widia circular saw blade for the firewood cut – significantly quieter than a standard Widia saw blade! Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 84	○	○	○	11	
F0004865	Coarse-toothed circular saw blade for the firewood cut, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 56	○	○	○	9	

○ optional ✗ not available ✓ standard equipment



You can find more
information about the saw
blades from page 228 onwards!

EasyCut

Sawing firewood (more) easily

The manually operated conveyor belt saw with automatic gravity feed performs cutting on logs and round timber up to a diameter of 20 cm and offers greater ease of use and improved ergonomics. Mainly because of the attached conveyor belt. The EasyCut can be operated either by one person or by two, which increases its cutting capacity to between 3 and 6 cubic metres, depending on the desired length.

Above all, the EasyCut stands out because you don't come into contact with the saw blade whilst working.

EasyCut – combining safety with practicality!

EasyCut



in action!



SAWING
Semi-automatic



PRODUCES
Firewood



CONVEYOR BELT
integrated



EasyCut

Here you see the following configuration example:

Item no: **M1445F4** EasyCut, PZG-S



CUTTING Ø
max. 20 cm



LOG LENGTH
max. 120 cm



WOOD FEED
Automatic



FIREWOOD CUT
manual



PROCESSING VOLUME
350 srm per year



WEIGHT
at least 650 kg

Highlights



**CUTTING AND LOADING
IN ONE WORK CYCLE**

The EasyCut semi-automatic firewood saw offers an impressive increase in working speed and ensures effortless operation. The innovative, patented, wave-shaped stop allows you to set the desired length of timber fast and precisely in just a few simple steps, without the need for any tools. During operation, the cut timber is placed into the ergonomic wood loading bay, which gently and automatically guides the timber right up to the stop – ensuring efficient and comfortable use.



**SMOOTH FEEDING
ABOUT THE WOOD LOADING BAY**

Once you have placed the log at a comfortable height in the spacious loading tray, it slides automatically towards the saw blade. By manually sliding the feed mechanism back and forth, the log is cut to the desired length. Thanks to the built-in ball bearings, you can perform cutting on even large quantities of wood with ease. The saw can be operated from either the side or the front. End-of-stroke damping ensures that the drawer glides smoothly and quietly.



**SAWING FOR A LONGER LENGTH
WITHOUT GETTING TIRED**

Whether you're working with the EasyCut on your own or as a pair, the saw is easy to use and the loading height (850 mm) is easy on the back. This means you can saw for a length of time without getting tired.



**SAWING METRE-LONG PIECES OF
TIMBER WITH EASE – WITH THE
AUTOMATIC WOOD FEED SYSTEM**

For precise log lengths from 15 to 52 cm: The patented EasyCut longitudinal stop is tool-free and adjustable in 12 stages. Thanks to a spring, it can be adjusted fast and easily. The corrugated stop plate reduces resistance and friction, allowing the wood loading bay to glide effortlessly during the sawing process. The conical roller in the feeding area and the specially designed wood-loading mould ensure that the wood is positioned perfectly, thus guaranteeing perfect logs!



**WITH SAFETY TO THE
PERFECT CUTTING**

Cleverly thought out: The saw blade is securely integrated into the saw, which prevents contact with it. Nevertheless, the cutting range is clearly visible. They are completely safe, ergonomic and comfortable to use!

That's what makes the EasyCut so great!

EASYCUT – THE SEMI-AUTOMATIC FIREWOOD SAW

The EasyCut offers a significant time-saving advantage when it comes to operation. The patented, undulated stop lets you adjust the desired billet length without tools in just a few steps. For operation, the timber to be cut is put in the ergonomic timber trough and automatically glides up to the stop.



FOR A CLEAN WORK AREA

The standard chip ejection system at the front of the machine features an integrated chip extraction connection with a diameter of 100 mm. This allows you to easily connect the machine to a chip extraction fan to ensure a clean and almost dust-free working environment. Small pieces of wood that may end up in the chip tray are ejected through a grille at the rear of the machine.



A CLEAN CUT AND GREATER SAFETY THROUGH WOOD FIXING

To minimise the risk of the logs becoming jammed, the spring-loaded hold-down device secures the wood during the sawing process. This ensures a fatigue-free, fast and safe operating method without any disruptions! If necessary, the hold-down device can also be operated manually using a hand lever.



SIMPLY FROM A TO B

Thanks to the standard three-point linkage (categories I + II), the EasyCut can be easily transported by the tractor, whilst the offset mounting reduces the lateral overhang for narrower tractors.



CONVEYOR BELT, 4 M

The EasyCut is equipped as standard with a 4-metre-length, hydraulic telescopic conveyor belt. The maximum ejection height is 2.4 metres, and you can easily adjust the tilt using the hand-operated winch.



EasyCut

SAWING WOOD THE EASY WAY

With the launch of the EasyCut in 2014, POSCH set a new standard in firewood processing. The EasyCut was the first semi-automatic firewood saw – a groundbreaking innovation that made cutting wood even more safe.

Thanks to the generous transfer area between the saw and the conveyor belt, logs cannot become jammed. The large wood loading bay, positioned at a comfortable working height, also ensures that you can work without straining your back.

Anyone who's ever had to stack firewood by hand will appreciate the conveyor belt all the more!

Nice to know!

Robust, compact and with low weight – the EasyCut is a winner in every respect!

FROM THE FIELD

Julian Bohnert and his brother Lukas saw firewood whenever they have time. The EasyCut is used for this. They talk about their experiences:



In April 2024, we bought the EasyCut because it was more comfortable and quieter. Other selling points included its robustness and stability, combined with its compact design and low weight. The combination of electric and PTO shaft drive makes the saw extremely flexible for us. We cut around 80 ster of firewood each year, mainly from oak, ash, beech and some softwood. As we have always used POSCH equipment, it was fast clear to us that we would be choosing a POSCH machine once again this time.

JULIAN BOHNERT

EasyCut Overview

Drive	Drive 1	Tractor PTO shaft	Tractor PTO shaft	Hybrid drive: Tractor PTO shaft
	Drive 2	-	-	Electric motor
	Type	PZG-S	PZG	PZG-E7.5-400
Application	Firewood cut	✓	✓	✓
	Operating method	Semi-automatic	Semi-automatic	Semi-automatic
	Potential annual throughput (srm)	350	350	350
Basic model	V-belt drive	✓	✓	✓
	Widia saw blade	✓	✓	✓
	Wood loading bay with ball-bearing system	✓	✓	✓
	Longitudinal stop	✓	✓	✓
	Conveyor belt length (m)	4	4	4
	Conveyor belt incline, adjustable	manual	manual	manual
	Conveyor belt drive and extraction via	Tractor hydraulics (max. 10 l/min)	The machine's hydraulic system	The machine's hydraulic system
	Wood holder, automatic	✓	✓	✓
	Chip extraction connection, diameter 100 mm	✓	✓	✓
	Three-point linkage Cat. I + II	✓	✓	✓
Technical data	Saw blade diameter (mm)	700	700	700
	Minimum cutting diameter (cm)	5	5	5
	Max. cutting diameter (cm)	20	20	20
	Log length min. cm	15	15	15
	Log length max. cm	120	120	120
	Weight kg	650	670	725
	Saw blade braking	-	-	electric
	Power specification electric motor S6 kW	-	-	7.5
	Motor protection switch	-	-	✓
	Phase inverter	-	-	✓
	Star-delta start	-	-	✓
	Mains power requirements	-	-	3x 400 V, 50 Hz, CEE 16 A
	Average power consumption kWh*	-	-	3.0–4.0
	Power requirement PTO kW	10	10	10
	PTO speed (rpm)	540	540	540
	Joint shaft required	Yes	Yes	Yes
	Length transport / working position mm	2200 / 4720	2065 / 4720	2200 / 4720
	Width transport / working position mm	1370 / 1370	1370 / 1370	1370 / 1370
	Height transport / working position mm	1500 / 2560	2630 / 2560	2600 / 2560
Transport	Three-point linkage Cat. I + II	✓	✓	✓
Special equipment	Saw shaft coupling	○	○	○
Conveyor belts	Conveyor belt, 1.5 m	○	○	○
	Conveyor belt, 4 m	✓	✓	✓
	Conveyor belt, 5 m	○	○	○
Accessory equipment	Hour meter	○	○	○
	Drive shaft	○	○	○

○ optional ✕ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.

Basic model EasyCut

Manual feeding, semi-automatic sawing: The firewood saw with an integrated conveyor belt.

Article no.	Type	Name	Drive	Cutting diameter (max.) cm	Weight ~ kg
M1445F4	PZG-S	EasyCut, PZG-S, semi-automatic firewood saw, driven by tractor PTO shaft, required PTO speed 540 rpm, power requirement 10 kW, Widia circular saw blade, diameter 700 mm, including tool for saw blade change, ball-bearing-mounted wood loading bay, tool-free adjustable longitudinal stop, 4-metre telescopic conveyor belt with drive and extension via the tractor's hydraulic system, manual tilt adjustment, automatic wood holder, chip extraction connection, diameter 100 mm, three-point linkage, Cat. I + II. PTO shaft required!		20	650
M1450F4	PZG	EasyCut, PZG, semi-automatic firewood saw, driven by tractor PTO shaft, required PTO speed 540 rpm, power requirement 10 kW, Widia circular saw blade, diameter 700 mm, including tool for saw blade replacement, ball-bearing wood loading bay, tool-free adjustable longitudinal stop, 4-metre telescopic conveyor belt with drive and extension via the machine's hydraulic system, manual tilt adjustment, automatic wood holder, chip extraction connection, diameter 100 mm, three-point linkage, Cat. I + II. PTO shaft required!		20	670
M1470F4	PZG-E7.5-400	EasyCut, PZG-E7.5-400, semi-automatic firewood saw, driven via tractor PTO shaft, required PTO speed 540 rpm, power requirement 10 kW and driven by a 7.5 kW electric motor, S6, 3- x 400 V, 50 Hz, CEE 16 A, star-delta start, motor protection switch and phase inverter, Widia circular saw blade, diameter 700 mm, including tool for saw blade change, ball-bearing-mounted wood loading bay, tool-free adjustable longitudinal stop, 4-metre telescopic conveyor belt with drive and extension via the machine's hydraulic system, manual tilt adjustment, automatic wood holder, chip extraction connection, diameter 100 mm, three-point linkage, Cat. I + II for transport. PTO shaft required!	 	20 20	725
YF185		EasyCut freight costs Valid exclusively for deliveries to Austria and Germany.			
YD1141		Commissioning AT/DE			

COMBINED DRIVE AND ON-BOARD HYDRAULICS

Maximum flexibility and efficiency: The hybrid drive combines the advantages of a tractor PTO shaft and an electric motor! A sustainable, low-noise and cost-effective option that offers both environmental and economic benefits. The conveyor belt is driven by a hydraulic system integrated into the machine.



TRACTOR DRIVE WITH PTO SHAFT AND TRACTOR HYDRAULICS

A PTO drive allows the machine to be used anywhere, and thanks to the three-point linkage, the EasyCut can be easily transported using a tractor. The conveyor belt drive is performed by the tractor hydraulics.

Special equipment EasyCut

 Only possible with original equipment, incl. installation.

Article no.	Name	Type PZG-S	Type PZG	Type PZG-E7.5-400	Weight ~ kg
K (SO1041)	Surcharge for manually engageable saw shaft coupling; cut-out device to disconnect the tractor drive, preventing damage to the v-belt drive in the event of overload				5

☐ optional
 ☒ not available
 ☒ standard equipment

SAW SHAFT COUPLING

If the v-belt drive is overloaded, the tractor PTO shaft must be switched off immediately to prevent damage to the v-belt. Using the optional saw shaft coupling or the stop lever, which is within easy reach of the operating area, the drive can be stopped and the saw blade brought to a standstill thanks to the integrated brake, thereby preventing damage to the machine.

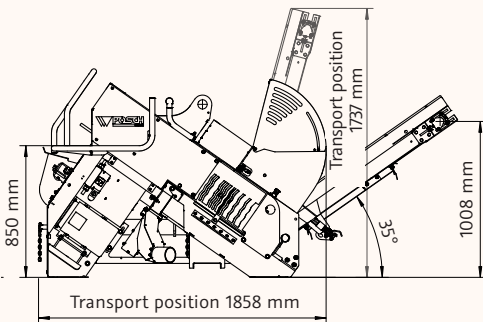
Conveyor belts EasyCut

Select the right conveyor belt length. The 4-metre telescopic conveyor belt (F4) is included as standard in the basic model.

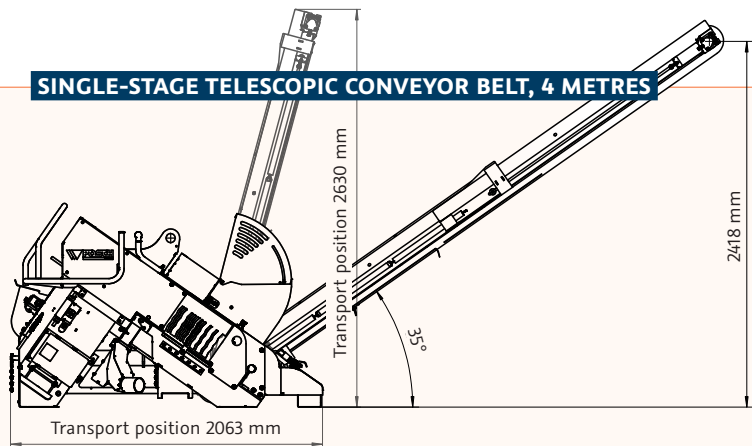
Article no.	Name	Type PZG-S	Type PZG	Type PZG- E7.5-400	Max. ejection height m	Weight ~ kg	
F15 (S01038)	Special offer: 1.5-metre conveyor belt with hydraulic drive and variable tilt. The standard 4-metre single-stage telescopic conveyor belt is no longer included.	○	○	○	1	75	
F4 (S01039)	Single-stage telescopic conveyor belt, 4 metres; hydraulic conveyor belt extension with a hand-operated winch for easy tilt adjustment. Included as standard on the basic model.	✓	✓	✓	2.4	0	
F5 (S01040)	Surcharge for 5-metre 2-way telescopic conveyor belt, with hydraulic conveyor belt extension and tilt adjustment. The standard 4-metre single-stage telescopic conveyor belt is no longer included.	○	○	○	3	50	

○ optional ✗ not available ✓ standard equipment

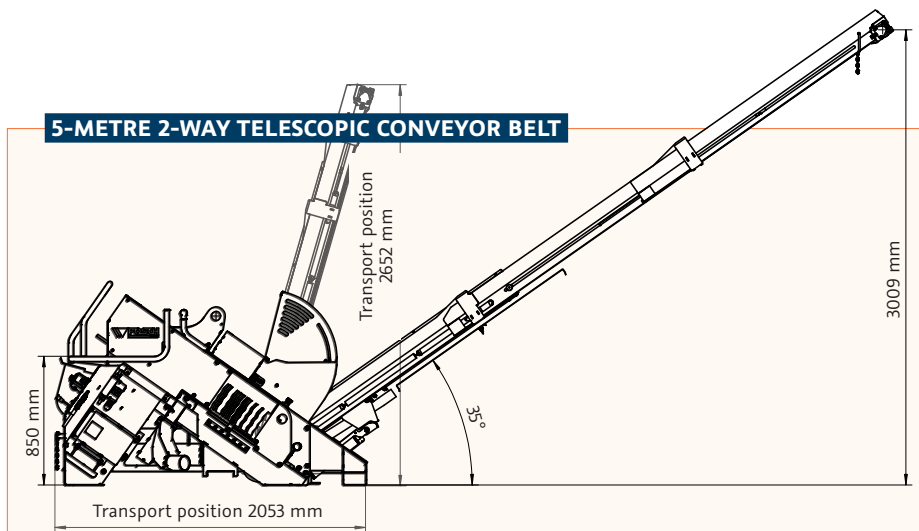
CONVEYOR BELT, 1.5 METRES



SINGLE-STAGE TELESCOPIC CONVEYOR BELT, 4 METRES



5-METRE 2-WAY TELESCOPIC CONVEYOR BELT



Accessory equipment EasyCut

For more power and comfort during producing firewood.

Article no.	Name	Type PZG-S	Type PZG	Type PZG- E7.5-400	Weight ~ kg	
F0003527	Hour meter with digital display of hours and PTO speed, suitable for machines with tractor PTO shaft and hybrid drive: Tractor PTO shaft and electric motor.	☐	☐	☐	1	
Z2000616	Walterscheid W-Line drive shaft (freewheel clutch), designed to prevent damage to the drive system on tractors fitted with a PTO clutch and brake	☐	☐	☐	9	
Z2000646	Walterscheid W-Line drive shaft, max. 900 Nm (friction and freewheel clutch), with overload protection and designed to prevent damage to the drive system on tractors fitted with a PTO clutch and brake	☐	☐	☐	26	
Z2000636	Walterscheid W-Line universal joint shaft	☐	☐	☐	9	

☐ optional ☒ not available ☒ standard equipment

HOURLY METER

Would you like to rent out your machine or keep an eye on the operating time? A suitable operating hours counter is available for each drive variant, allowing you to read off the exact machine running time.



DRIVE SHAFT FRICTION AND FREEWHEEL CLUTCH

If the machine is operated by a tractor whose PTO shaft is braked after disengagement, a drive shaft with a freewheel clutch must be used. This prevents damage to the machine's drive system that could result from the saw blade being brought to a halt too fast. An additional friction clutch limits the power transmitted, thereby protecting the drive from overload.

PROPERLY FUNCTIONING DRIVE SHAFT FREE-WHEEL CLUTCH

If the machine is operated by a tractor whose PTO shaft is braked after disengagement, a drive shaft with a freewheel clutch must be used. This prevents damage to the machine's drive system that could result from the saw blade being brought to a halt too fast.

Service and wear parts EasyCut

Genuine POSCH spare parts impress with their precise fit, superior quality and safety!

Article no.	Name	Type PZG-S	Type PZG	Type PZG- E7.5-400	Weight ~ kg	
F0004862	Widia circular saw blade in reinforced model for the firewood cut, outer diameter: 700 mm, bore diameter: 30 mm, number of teeth: 66	○	○	○	17	

○ optional ✗ not available ✓ standard equipment



You can find more information about the saw blades from page 228 onwards!



FAST AND SIMPLER CHANGING THE SAW BLADE

Changing the saw blade fast, safely and easily is possible by simply opening the protective cover and applying the tool key supplied.

Retrofitting EasyCut

Article no.	Name	Type PZG-S	Type PZG	Type PZG- E7.5-400	Weight ~ kg	
F0003571	Retrofitting a conveyor belt drive using the machine's hydraulic system (instead of using the tractor's hydraulic system): With this conversion kit, the conveyor belt is no longer driven by the tractor's hydraulics but by the machine's hydraulics. The conversion kit contains: Return filter, hydraulic motor, control valve, pump (which drives the machine's gearbox) as well as all the parts required for the conversion. Estimated installation time: 6 hours	○	✗	✗	7	

○ optional ✗ not available ✓ standard equipment

RETROFITTING FOR AN INDEPENDENT CONVEYOR BELT DRIVE

Would you like to operate the conveyor belt on your EasyCut independently of the tractor's hydraulics? With this conversion kit, you can control the conveyor belt via the machine's integrated hydraulic system. The retrofitting comprises a return filter, a control valve, a hydraulic motor and a pump driven by the machine's gearbox.



I'm from Austria!

All our machines are developed and manufactured by over 170 employees at our factory in southern Styria.

SmartCut

Sawing firewood the smart(er) way

This popular, fully automatic conveyor belt saw with gravity feed is used for cutting logs and round timber up to a diameter of 20 cm and offers greater ease of use and improved ergonomics.

The SmartCut can be operated either by one person or by two, which increases its cutting capacity – depending on the desired length – to between 3 and 6 cubic metres.

Above all, the SmartCut stands out because the operator does not come into contact with the saw blade whilst working. The saw cuts the firewood fully automatically and feeds it onto the conveyor belt for loading, whilst the operator can concentrate on feeding the wood into the machine.

SmartCut – combining safety with practicality!

SmartCut



in action!



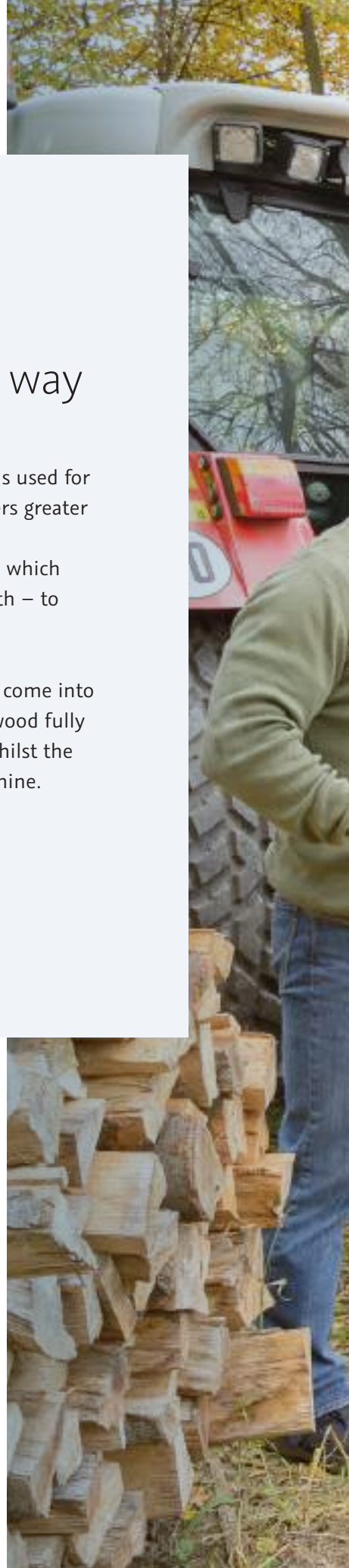
SAWING
Fully automatic



PRODUCES
Firewood



CONVEYOR BELT
integrated





SmartCut

Here you see the following configuration example:

Item no: M1474F4 SmartCut, PZG-E11-400



CUTTING Ø
max. 20 cm



LOG LENGTH
max. 120 cm



WOOD FEED
Automatic



FIREWOOD CUT
Automatic



PROCESSING VOLUME
700 srm per year



WEIGHT
at least 970 kg

Highlights



**SMOOTH FEEDING
ABOUT THE WOOD LOADING BAY**

Once the log has been placed at a comfortable height in the spacious loading bay, it slides automatically towards the saw blade. The fully automatic back-and-forth movement of the feed mechanism guides the log towards the saw blade and cuts it to the desired length at the same time. The actuation of the EasyStop lever stops the loading process, allowing you to fill it at your leisure. End-of-stroke damping ensures that the drawer glides smoothly and quietly.



FOR CUSTOM-SIZED LOGS

The desired timber length is set tool-free using the standard wood stop, which can be adjusted in 12 stages. This allows for precise cutting lengths and, thanks to a spring-assisted mechanism, is particularly easy to adjust to the desired length. An integrated measuring scale makes it easy to set the desired log length precisely. Jams between the saw and the wood loading bay are reduced by a recessed section incorporated into the longitudinal stop.



**STOP LOADING –
STRESS-FREE LOADING**

A handy little helper – the standard EasyStop bracket: This stops the fully automatic wood loading bay, allowing the operator to load the machine with wood at their own pace. The machine stops as long as the lever is held down. When the handle is released, the SmartCut continues the fully automatic cutting process – for stress-free feeding.



SIMPLY FROM A TO B

Thanks to the standard three-point linkage (Categories I and II), the SmartCut can be easily transported to the work site using a tractor. For compact transport and storage, the conveyor belt can be easily retracted and positioned almost vertically using a hand-operated winch. A safety chain secures the conveyor belt. The EasyStop bracket can be folded away to save space. Additional forklift attachments make it easier to manoeuvre the machine with safety.



**WORKING IN COMFORT
THANKS TO AUTOMATIC
LOG DETECTION**

The SensoStart system automatically detects whether a log is in place ready for sawing, and only then starts the process automatically. This option also includes a continuously variable longitudinal stop, which allows you to achieve precise log lengths. This way, you can work even more comfortably and stress-free!
See page 224 for more information!

OPTIONAL

That's what makes the SmartCut so great!

EVEN MORE TIME FOR THE FEEDING

The switchable delay function ensures even greater convenience when loading timber: If this is activated, the wood loading bay pauses briefly in the starting position. Even without actuation of the EasyStop lever, this gives you more time for feeding the machine. This makes the job easier, particularly with coarse or fibrous wood, as it has more time to slide all the way to the stop. This elevates the precision of the log lengths before the automatic sawing process resumes on its own.



EASY MAINTENANCE – CONSISTENTLY HIGH PERFORMANCE

The saw blade can be changed fast; maintenance of the machine is time-saving thanks to the central lubrication system and the V-belt, which is easy to retension, whilst the plastic guides can be replaced without any difficulty if necessary.



FAST AND LESS COMPLICATED CHANGING THE SAW BLADE

Changing the saw blade fast, safely and easily is possible by simply opening the protective cover and applying the tool key supplied.

FOR A CLEAN WORK AREA

The standard chip ejection system at the front of the machine has an integrated chip extraction connection (diameter 100 mm). This allows you to easily connect the SmartCut to a chip extraction fan to ensure a clean and virtually dust-free working environment. Small pieces of wood in the chip tray fall out from underneath the machine.



SAFE LOADING AND UNLOADING

Not something to be taken for granted, but practical:

The integrated lifting point enables safe and effortless loading and unloading using a lifting tool. To ensure safe transport, the machine is equipped with lashing points that allow it to be securely fastened to the trailer.

SIMPLE HYDRAULICS

The low-maintenance hydraulics system, featuring a mechanical valve, an oil return filter and a purely hydraulic oscillating valve, minimises maintenance requirements and wear.

SmartCut



in action!

You can find more information about the saw blades on page 228!

SmartCut

FROM THE FIELD

At Florian Moll's, there's sawing, carving and filing going on: Known as Dr' SchnitzerFlo, he creates impressive wooden sculptures – ranging from eagles to cars. Find out more on his Instagram channel: @dr_schnitzerflo/



I bought the SmartCut 2019 because of its high safety standards – after all, I want to be able to carry on sawing wood with all 10 fingers in the future too! Here in the Allgäu, spruce is the most commonly sawn timber, and I process around 120 Ster a year. On top of that, there's ash, beech and my offcuts from woodcarving.

FLORIAN MOLL FROM THE ALLGÄU

SMART TIMBER CUTTING

With the launch of the SmartCut in 2014, POSCH set a new standard in firewood processing. The SmartCut was the very first automatic firewood saw – a groundbreaking innovation that makes cutting wood faster, safer and more efficient.

Thanks to its advanced technology, the SmartCut enables particularly high levels of safety during cutting. No wonder the saw quickly became one of POSCH's most popular products. The SmartCut is the ideal choice for anyone who values the highest quality, maximum safety and outstanding performance.

Nice to know!

With the SmartCut, one person alone can achieve the same hourly output as two people using the EasyCut!

SmartCut Overview

Drive	Drive 1	Tractor PTO shaft	Hybrid drive: Tractor PTO shaft
	Drive 2	-	Electric motor
	Type	PZG	PZG-E11-400
Application	Firewood cut	✓	✓
	Operating method	Fully automatic	Fully automatic
	Potential annual throughput (srm)	700	700
Basic model	V-belt drive	✓	✓
	Widia saw blade	✓	✓
	Hydraulic wood loading bay	✓	✓
	Longitudinal stop	✓	✓
	Conveyor belt length (m)	4	4
	Conveyor belt incline, adjustable	manual	manual
	Conveyor belt drive and extraction via	The machine's hydraulic system	The machine's hydraulic system
	Wood holder, automatic	✓	✓
	Chip extraction connection, diameter 100 mm	✓	✓
	EasyStop	✓	✓
	Three-point linkage Cat. I + II	✓	✓
Technical data	Saw blade diameter (mm)	700	700
	Minimum cutting diameter (cm)	7	7
	Max. cutting diameter (cm)	20	20
	Log length min. cm	15	15
	Log length max. cm	120	120
	Weight kg	970	1030
	Power specification electric motor S6 kW	-	11
	Motor protection switch	-	✓
	Phase inverter	-	✓
	Star-delta start	-	✓
	Mains power requirements	-	3 x 400 V, 50 Hz, CEE 32 A
	Average power consumption kWh*	-	4.0 – 6.0
	Power requirement PTO kW	15	15
	PTO speed (rpm)	480	480
	Joint shaft required	Yes	Yes
	Length transport / working position mm	2700 / 5150	3000 / 5150
	Width transport / working position mm	1600 / 1490	1500 / 1500
	Height transport / working position mm	2600 / 2570	2600 / 2670
Transport	Three-point linkage Cat. I + II	✓	✓
	Forklift attachment	✓	✓
	Tractor chassis	○	○
Special equipment	Comfort Package	○	○
	Longitudinal stop in the 10-mm grid	○	○
	Three-point linkage Cat. I + II, sliding	○	○
	Hydraulic swivelling three-point linkage, Cat. I + II	○	○
	Oil cooler	○	○
Chassis	Tractor chassis, height-adjustable with tow eyes	○	○
	Tractor chassis, height-adjustable with field rail mount	○	○
	On-board hydraulic system for height adjustment	○	○
Conveyor belts	Conveyor belt, 1.5 m	○	○
	Conveyor belt, 4 m	✓	✓
	Conveyor belt, 5 m	○	○
Accessory equipment	Hour meter	○	○
	Drive shaft	○	○

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.

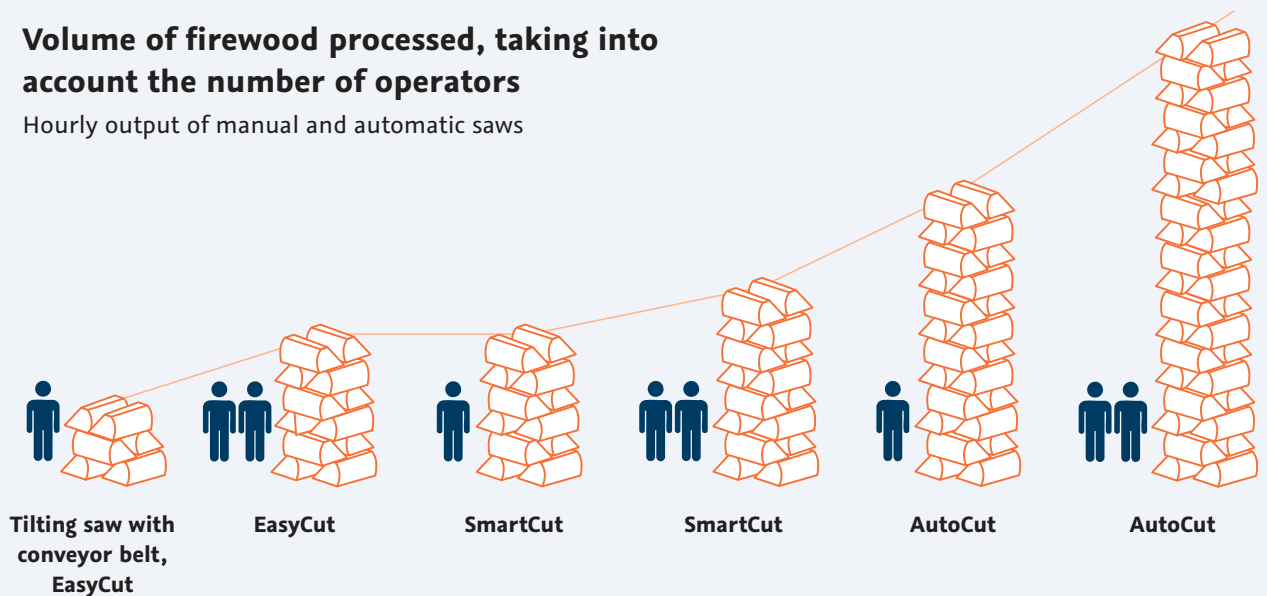
Basic model SmartCut

Manual feeding, fully automatic sawing: The convenient firewood saw with an integrated conveyor belt.

Article no.	Type	Name	Drive	Max. cutting diameter (cm)	Weight ~ kg
M1454F4	PZG	SmartCut, PZG, fully automatic firewood saw, driven via tractor PTO shaft, required PTO speed 480 rpm/ /min, power requirement 15 kW, switchable delay function, Widia circular saw blade, diameter 700 mm, reinforced model, including tool for saw blade change, hydraulic wood loading bay, tool-free adjustable longitudinal stop, 4-metre telescopic conveyor belt with hydraulic conveyor belt extension and manual tilt adjustment, automatic wood holder, chip extraction connection, diameter 100 mm, EasyStop, forklift attachment and three-point linkage, Cat. I + II. PTO shaft required!		20	970
M1474F4	PZG-E11-400	SmartCut, PZG-E11-400, fully automatic firewood saw, driven via tractor PTO shaft, required PTO speed 480 rpm, power requirement 15 kW and driven by an 11 kW electric motor, S6, 3 x 400 V, 50 Hz, CEE 32 A, star-delta start, motor protection switch and phase inverter, switchable start-up delay, Widia circular saw blade, diameter 700 mm, reinforced model, including tool for saw blade change, hydraulic wood loading bay, tool-free adjustable longitudinal stop, 4-metre telescopic conveyor belt with hydraulic conveyor belt extension and manual tilt adjustment, automatic wood holder, chip extraction connection, diameter 100 mm, EasyStop, forklift attachment and three-point linkage, Cat. I + II. PTO shaft required!	 	20	1030
YF189		SmartCut freight costs Valid exclusively for deliveries to Austria and Germany.			
YDI141		Commissioning AT/DE			

Volume of firewood processed, taking into account the number of operators

Hourly output of manual and automatic saws



Special equipment SmartCut



Only possible with original equipment, incl. installation.

Article no.	Name	Type PZG	Type PZG-E11-400	Weight ~ kg
S (SO1186)	Surcharge for the Comfort Package with the SensoStart system and continuously variable longitudinal stop. Using three ultrasonic sensors, the SensoStart system detects when a log has reached the wood length stop and then automatically starts the sawing process. Longitudinal stop with high stop plate, tool-free adjustment on the 10-mm grid. Attention! 3-pin constant current connector 12 V from tractor required.	O	O	5
A (SO1187)	Surcharge for longitudinal stop with high stop plate. The stop can be adjusted tool-free in the 10-mm grid. This option replaces the standard 12-way adjustable stop and is included in Option S.	O included in Option S	O included in Option S	200
DV (SO1188)	Surcharge for moving the three-point linkage by 300 mm using hydraulics. For central road transport, thanks to the reduced and more even overhang: 1.1 metres on the right and 1.3 metres on the left (instead of 0.8 and 1.6 metres)	O	O	200
X1 (SO1290)	Surcharge for hydraulically swivelling three-point linkage for machines driven by the tractor's PTO shaft. Driven by the machine's hydraulics. Swivel range +/- 15°. Drive shaft Z2000649 required! The standard three-point hitch is not fitted.	O	X	145
X2 (SO1291)	Surcharge for hydraulically swivelling three-point linkage for machines with hybrid drive: Tractor PTO shaft and electric motor. With an additional swivel wheel for operation without a tractor, powered by an electric motor. Driven by the machine's hydraulics. Swivel range +/- 15°. Drive shaft Z2000649 required! The standard three-point hitch is not fitted.	X	O	165
C (SO1299)	Surcharge for an oil cooler for continuous operation (recommended for operating times of 4 hours or more, or when operating at temperatures above 30°C). This reduces wear and tear, thereby ensuring a longer service life for the hydraulic components. A 12 V, 3-pin continuous-current socket on the tractor is required to operate the oil cooler.	O	O	5

O optional X not available ✓ standard equipment

The clever innovation for maximum ease of loading and precision: The SmartCut with the SensoStart option stops automatically, allowing you to perform the wood feeding with ease without interrupting your workflow. Thanks to ultrasonic sensors, the SmartCut detects whether there is wood in the feed tray – only then does the sawing process begin, ensuring maximum precision in the cutting length.

The carriage moves continuously back and forth until the entire log has been sawn to the desired length. As soon as the last piece has been cut, the feed tray stops in the starting position and waits for new wood. A new sawing cycle can be started at the touch of a button on the control box, regardless of whether the sensor has been triggered. In addition, a switch can be used to toggle between sensor mode and continuous mode: In continuous operation, the loader moves back and forth continuously without stopping. This option also includes the longitudinal stop, which can be adjusted in 10-mm increments to allow for even more precise adjustment to different lengths of timber.

WORKING IN COMFORT THANKS TO AUTOMATIC LOG DETECTION



SLIDING THREE-POINT LINKAGE

The adjustable three-point linkage, which is driven by the tractor's hydraulic system, allows the machine to be moved by 300 mm for transport. This results in a more even distribution between the left and right sides, and the lateral overhang on the right-hand side when travelling in the direction of travel is reduced for transport purposes. Particularly useful for narrow tractors!

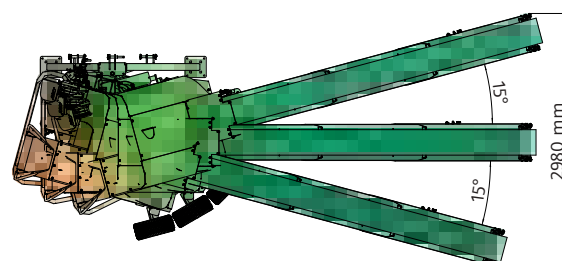
CONTINUOUSLY VARIABLE LONGITUDINAL STOP



For precise adjustment of the longitudinal stop in 10 mm increments, enabling you to work with metre-long pieces of varying lengths without producing unwanted offcuts. This stop is already included as standard in the Comfort Package with the SensoStart system.



HYDRAULICALLY SWIVELLING THREE-POINT LINKAGE



Chassis systems SmartCut

Mobile use: Can be used on the move, even away from home and the farm.

! Only possible with original equipment, incl. installation.

Article no.	Name	Type PZG	Type PZG-E11-400	Weight ~ kg	
DT (S01249)	Surcharge for tractor chassis, height-adjustable via the tractor's hydraulic system, with detachable drawbar and support wheel. This allows for transport via towing eye or three-point hitch. Ground clearance approx. 200 mm; no forklift attachments. Drive shaft Z2000649 required! For use on private property only. Transport arrangements and driving speeds on public roads must be checked on a country-by-country basis.	○	○	80	
T (S01250)	Surcharge for tractor chassis, height-adjustable via the tractor's hydraulic system, with a field rail mount on the lower link of the tractor's three-point linkage. As the mounting unit is adjustable, a max. ground clearance of 400 mm is provided; forklift attachments are not required. Drive shaft Z2000649 required! For use on private property only. Transport arrangements and driving speeds on public roads must be checked on a country-by-country basis.	○	○	80	
H (S01251)	Surcharge for a machine with an integrated 'on-board' hydraulic system instead of the required hydraulic connection from the tractor. Compatible with the 'DT' and 'T' options.	○	○	80	

○ optional ✗ not available ✓ standard equipment

Travelling from A to B on a tractor chassis – two options:



A) 'DT' TRACTOR CHASSIS WITH DETACHABLE DRAWBAR

Would you prefer not to transport the machine using the three-point linkage?

- The tractor chassis, comprising a drawbar, support wheel and tow eye, features a height-adjustable axle with two wheels (diameter 455 mm).
- A hydraulic cylinder lifts the machine for transport via the tractor's hydraulic system, providing a ground clearance of approximately 200 mm.
- It can be lowered again for use in the working position.
- The detachable drawbar allows for flexible transport, either via the tow eye or the three-point linkage.

ON-BOARD HYDRAULIC SYSTEM

Do you want to operate the machine without using the tractor's hydraulic system? This option allows you to control the height adjustment of the chassis using the machine's hydraulic system. Available for either the "DT" or "T" chassis options.

B) 'T' TRACTOR CHASSIS WITH FIELD RAIL MOUNT AND LOWER LINKS

For greater ground clearance when transporting goods off-road:

- The tractor chassis with field rail mount features a height-adjustable axle with two wheels (455 mm in diameter).
- By performing a height adjustment on the plough beam on the lower link of the tractor's three-point linkage, a max. ground clearance of 400 mm can be achieved. It can be lowered again for use in the working position.
- For transport, the machine can be lifted using a hydraulic cylinder powered by the tractor's hydraulic system.

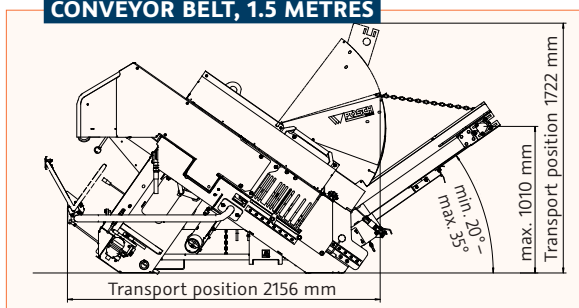
Conveyor belts SmartCut

Select the right conveyor belt length. The 4-metre telescopic conveyor belt (F4) is included as standard in the basic model.

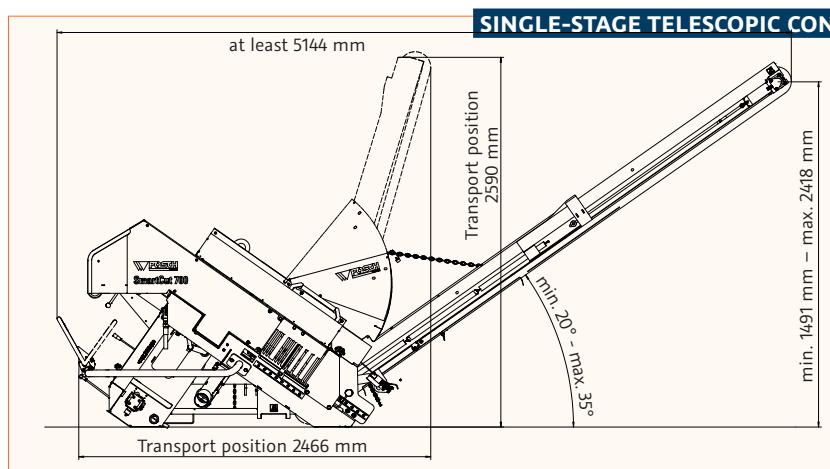
Article no.	Name	Type PZG	Type PZG- E11-400	Max. Discharge height m	Weight ~ kg	
F15 (SO1184)	Discounted conveyor belt, 1.5 metres long, with a hand-operated winch for easy tilt adjustment. The standard 4-metre single-stage telescopic conveyor belt is no longer included.	○	○	1	70	
F4 (SO1039)	Single-stage telescopic conveyor belt, 4 metres; hydraulic conveyor belt extension with a hand-operated winch for easy tilt adjustment. Included as standard on the basic model.	✓	✓	2.4	0	
F5 (SO1185)	Surcharge for 5-metre double-telescopic conveyor belt, hydraulic conveyor belt extension with hand-operated winch for easy tilt adjustment. The standard 4-metre single-stage telescopic conveyor belt is no longer included.	○	○	3	50	

○ optional ✗ not available ✓ standard equipment

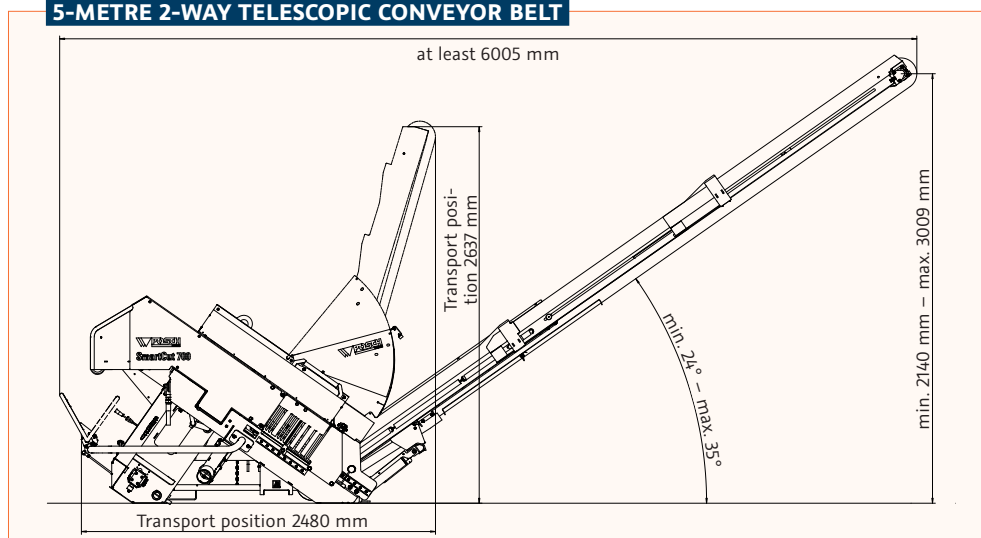
CONVEYOR BELT, 1.5 METRES



SINGLE-STAGE TELESCOPIC CONVEYOR BELT, 4 METRES



5-METRE 2-WAY TELESCOPIC CONVEYOR BELT



Accessory equipment SmartCut

For more power and comfort during producing firewood.

Article no.	Name	Type PZG	Type PZG-E11-400	Weight ~ kg	
F0003527	Hour meter with digital display of hours and PTO speed, suitable for machines with tractor PTO shaft and hybrid drive: Tractor PTO shaft and electric motor.	○	○	1	
Z2000636	Walterscheid W-Line universal joint shaft	○	○	9	
Z2000616	Walterscheid W-Line drive shaft (freewheel clutch) to prevent damage to the drive system on tractors fitted with a PTO clutch and brake	○	○	9	
Z2000646	Walterscheid W-Line drive shaft, max. 900 Nm (friction and freewheel clutch), with overload protection and designed to prevent damage to the drive system on tractors fitted with a PTO clutch and brake	○	○	26	
Z2000649	Walterscheid W-Line universal joint shaft	○	○	16	

○ optional ✕ not available ✓ standard equipment

Service and wear parts SmartCut

Ready for anything!

Article no.	Name	Type PZG	Type PZG-E11-400	Weight ~ kg	
F0004745	Oil change maintenance kit, comprising an oil filter element and a plug for the oil tank; does not include hydraulic oil	○	○	1	
F0004746	Cutting range maintenance kit, comprising brass plates next to the saw blade and an aluminium strip on the wood holder, including fixing screws	○	○	2	
F0004747	Tissue flap at the conveyor belt transition for optimal conveying of billets	○	○	1	
F0004862	Widia circular saw blade in reinforced model for the firewood cut, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 66	○	○	17	

○ optional ✕ not available ✓ standard equipment

Retrofitting SmartCut

Article no.	Name	Type PZG	Type PZG-E11-400	Weight ~ kg	
F0004497	Retrofitting of a hydraulically swivelling three-point linkage for machines driven by a tractor PTO shaft. Driven by the machine's hydraulics. Swivel range +/- 15°. Drive shaft Z2000649 required! Estimated installation time: 4 hours	○	✕	145	
F0004498	Retrofitting of a hydraulically swivelling three-point linkage for machinery with a hybrid drive: Tractor PTO shaft and electric motor. With an additional swivel wheel for operation with an electric motor (without a tractor). Driven by the machine's hydraulics. Swivel range: +/- 15°. Drive shaft Z2000649 required! Estimated installation time: 4 hours	✕	○	165	

○ optional ✕ not available ✓ standard equipment



LARGER LOADING RADIUS

Would you like to fill a trailer or container evenly without having to transfer the machine or the trailer? With the optional, hydraulically swivelling three-point linkage, the machine and the conveyor belt can be swivelled 15° to the left or right, ensuring that the cut logs are distributed evenly. This allows several containers standing side by side to be filled in turn, and full containers to be replaced whilst the saw is in operation, thereby ensuring a continuous workflow. This special equipment is available both for initial configuration and for retrofitting. Can be combined with item numbers DV, DT and T!

Saw blades

The right blade for every cut

The range of circular saw blades is huge.

How do you find the right sheet and the right size?

We provide an overview of the saw blades that are available and required.

And shhh:

The new purr saw blade delivers an unrivalled sawing experience –
not just for your ears, but for your neighbours' too!

purr saw blade



in action!

POSTCH



Saw blades

LONGITUDINAL &
SPLIT CUT

HANNIBAL-
GROBZAHN-WIDIA

HANNIBAL-WIDIA

PEELING
BLADE

TRIMMING &
PEELING

FIREWOOD

COARSE-TOOTHED

PURR-WIDIA SAW BLADE

Particularly quiet!
Standard equipment on the
tilting saw and the tilting saw
with conveyor belt.

The differences



PURR WIDIA

Thanks to its advanced sound-absorption technology and a specially developed tooth geometry, the purrr Widia circular saw blade drastically reduces noise levels during cutting, resulting in a significantly more pleasant working environment. The noise level when idling is now just 72 dB(A), down from 92 dB(A) (measured at the operator's ear on a tilting saw with direct drive).



WIDIA

The metal teeth on the Widia saw blade are extremely hard and wear-resistant, which means it has a significantly longer service life than a coarse-toothed saw blade. Thanks to the hardness and sharpness of the Widia material, it delivers superior cutting performance, ensures precise cuts and reduces vibrations for a smoother and more efficient working process. Ideally, the re-sharpening should be carried out by a specialist company.



HANNIBAL-WIDIA

Thanks to its specially designed group-toothed gear, it ensures that chips are efficiently removed from the workpiece. This unique design makes the job considerably easier, as the saw blade delivers consistently high cutting performance even during intensive use and reduces the effort required.



COARSE-TOOTHED

A fast and efficient solution for rough cuts where precision is less important than speed and performance. Regrinding requires precision work and the required equipment.



HANNIBAL THE TOOTHLESS

Thanks to its specially designed group-toothed gear, it ensures that chips are efficiently removed from the workpiece. This unique design makes the work considerably easier, as the saw blade delivers a consistently high cutting performance even during intensive use and reduces the effort required.



PEELING BLADE MADE FROM CHROME ALLOYED STEEL

Ideal for practical trimming and peeling round logs on a circular saw table.

PEELING BLADE

Saw blades for current POSCH saws

The right blade for every cut!

Article no.	Name	Outer diameter in mm	UniCut tilting saw Firewood saw	UniCut longitudinal cut saw / pointing and crosscut saw	Tilting saw with conveyor belt	EasyCut SmartCut	Weight ~ kg
F0004865	Coarse-toothed circular saw blade for the firewood cut, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 56	700	○	×	×	×	9
F0004866	purr-Widia circular saw blade for firewood and longitudinal cuts – significantly quieter than a standard Widia saw blade! Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 42	700	○	✓	×	×	11
F0004963	purr Widia circular saw blade for the firewood cut – significantly quieter than a traditional Widia saw blade! Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 84	700	✓	×	✓	×	11
F0004867	Widia circular saw blade for the firewood cut, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 84	700	○	○	○	×	11
F0004862	Widia circular saw blade in reinforced model for the firewood cut, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 66	700	×	×	×	✓	17

○ Optional × Not possible ✓ Standard

The audible difference: 72 instead of 92 dB(A)

HAVE YOU TRIED IT YET?

Our purr saw blade is already being used to great effect – by POSCH employee Klaus, amongst others. Thanks to the significantly reduced noise level, he can now use the saw at the weekend without disturbing the neighbours.

We have also already received some initial positive feedback from POSCH dealers:

A really cool new development – my ears will thank me for it.

FEEDBACK FROM A POSCH DEALER

It's lovely that the high-pitched whistling sound from the reed has gone.

FEEDBACK FROM A POSCH DEALER

My table-mounted tilting saw, which is nearly 20 years old, impresses with its significantly reduced noise level thanks to the new purr saw blade.

KLAUS TSCHERNEGG
POSCH CUSTOMER SERVICE STAFF



Hannibal saw blades and peeling blades for POSCH machines and other makes

The right blade for every cut!

Article no.	Name	Outer diameter in mm	UniCut longitudinal cut saw	UniCut Pointing and crosscut saw	Weight ~ kg
Z1300043	Hannibal Widia circular saw blade for rip cuts, splitting and cutting, Outer diameter: 500 mm, bore diameter: 30 mm, Number of teeth: 8 groups, each with 6 teeth	500	○	×	3
Z1300070	Hannibal coarse-tooth circular saw blade for rip, splitting and cutting, Outer diameter: 600 mm, bore diameter: 30 mm, Number of teeth: 8 groups, each with 5 teeth	600	○	×	6
F0004868	Hannibal coarse-tooth circular saw blade for rip, splitting and cutting, Outer diameter: 700 mm, bore diameter: 30 mm, Number of teeth: 8 groups, each with 5 teeth	700	○	×	12
F0004869	Hannibal Widia circular saw blade for rip cuts, splitting and cutting, Outer diameter: 700 mm, bore diameter: 30 mm, Number of teeth: 5 groups, each with 8 teeth	700	○	×	10
Z1310060	Peeling blade for pointed and peeling work, outer diameter: 600 mm, bore diameter : 30 mm, number of cutting edges: 4	600	×	○	9

○ Optional × Not possible ✓ Standard

Special equipment saw blades

All saw blades come with a 30 mm bore diameter as standard!

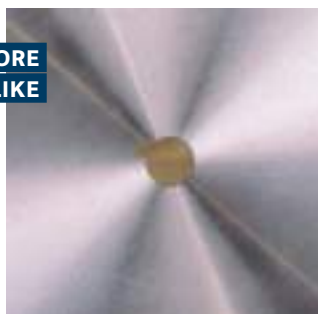
! Only possible with original equipment, incl. installation.

Article no.	Name	Weight ~ kg
SO265	Surcharge for enlarged bore (with or without keyway*, as required) * The term 'keyway' in relation to saw blades refers to a special groove or notch at the saw blade's bore.	1

ENLARGED BORE IF YOU LIKE

Is the 30 mm hole too small?
No problem – we'd be happy to enlarge the saw blade borehole to the size you require.

Available with or without a keyway, as required.
The term 'keyway' in relation to saw blades refers to a special groove or notch at the saw blade's bore. It provides a positive connection between the saw blade and the drive shaft.
The keyway prevents the saw blade from twisting and ensures safe power transmission.
The precise fit of the saw blade reduces vibration and ensures a clean, efficient cut with a high-quality finish.



Is the 30 mm hole too big?
Just ask about our reducing rings.

Saw blades & peeling blades Overview

Find the right saw blade for your POSCH machine!

Article no.	Name	Outer diameter in mm	SchälProfi with circular saw attachment	HomeCut 500	Tilting saw (incl. Paldu)	Tilting Saw DuoTilting saw with conveyor belt	EasyCut	Weight ~ kg	
				HomeCut500+	Roller table saw (incl. Paldu)	Tilting Saw Plus WippCut			
Z1300031	Widia circular saw blade for firewood and longitudinal cuts, Outer diameter: 500 mm, Bore diameter: 30 mm, Number of teeth: 36	500	○		×	×	×	4	
Z1300042	Widia circular saw blade for the firewood cut, Outer diameter: 500 mm, Bore diameter: 30 mm, Number of teeth: 72	500	○		×	×	×	5	
Z1300043	hannibal Widia circular saw blade for rip, spitting and cutting, Outer diameter: 500 mm, Bore diameter: 30 mm, Number of teeth: 8 groups, each with 6 teeth	500	×		○	×	×	3	
Z1300050	Coarse-toothed circular saw blade for the firewood cut, Outer diameter: 600 mm, Bore diameter: 30 mm, Number of teeth: 56	600	×		○	×	×	7	
Z1300072	Widia circular saw blade for firewood and longitudinal cuts, Outer diameter: 600 mm, Bore diameter: 30 mm, Number of teeth: 40	600	×		○	×	×	6	
Z1300073	Widia circular saw blade for the firewood cut, Outer diameter: 600 mm, Bore diameter: 30 mm, Number of teeth: 78	600	×		○	×	×	8	
Z1300070	hannibal coarse-tooth circular saw blade for rip, splitting and cutting, Outer diameter: 600 mm, Bore diameter: 30 mm, Number of teeth: 8 groups, each with 5 teeth	600	×		○	×	×	6	
Z1310060	Peeling blade for pointed and peeling work, Outer diameter: 600 mm, Bore diameter: 30 mm, Number of cutting edges: 4	600	×		○	×	×	9	
F0004865	Coarse-toothed circular saw blade for the firewood cut, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 56	700	×		○	×	×	9	
Z1300081	Fine-toothed circular saw blade for rip cuts, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 80	700	×		○	×	×	9	

○ Optional × Not possible ✓ Standard

Saw blades & peeling blades Overview

Find the right saw blade for your POSCH machine!

Article no.	Name	Outer diameter in mm	HomeCut 500 HomeCut 500+ SchälProfi with circular saw attachment	Tilting saw (incl. Paldu)	Tilting Saw DuoTilting saw with conveyor belt	EasyCut SmartCut AutoCut	Weight ~ kg	
				Tilting table saw Roller table saw (incl. Paldu) Roller Table saw UniCut	Tilting Saw Plus WippCut CutMaster			
F0004866	purrr-Widia circular saw blade for firewood and longitudinal cuts – significantly quieter than a standard Widia saw blade! Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 42	700	×	○	×	×	11	
F0004963	purrr Widia circular saw blade for the firewood cut – significantly quieter than a standard Widia saw blade! Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 84	700	×	○	○	×	11	
F0004867	Widia circular saw blade for the firewood cut, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 84	700	×	○	○	×	11	
F0004868	hannibal coarse-tooth circular saw blade for rip, splitting and cutting, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 8 groups, each with 5 teeth	700	×	○	×	×	12	
F0004869	hannibal Widia circular saw blade for rip, splitting and cutting, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 5 groups, each with 8 teeth	700	×	○	×	×	10	
F0004862	Widia circular saw blade in reinforced model for the firewood cut, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 66	700	×	×	×	○	17	
F0004863	Widia circular saw blade in reinforced model for the firewood cut, Outer diameter: 750 mm, Bore diameter: 30 mm, Number of teeth: 90	750	×	×	×	×	15	
F0004864	Widia circular saw blade in reinforced model for the firewood cut, Outer diameter: 800 mm, Bore diameter: 30 mm, Number of teeth: 96	800	×	×	×	×	20	
F0004859	Widia circular saw blade in reinforced model for the firewood cut, Outer diameter: 900 mm, Bore diameter: 40 mm, Number of teeth: 96	900	×	×	×	×	40	
F0004861	Widia circular saw blade in reinforced model for the firewood cut, Outer diameter: 1000 mm, Bore diameter: 50 mm, Number of teeth: 106	1000	×	×	×	×	52	

○ Optional × Not possible ✓ Standard

Saw blades & peeling blades Overview

Find the right saw blade for your POSCH machine!

Article no.	Name	Outer diameter in mm	SpaltFix 280	SpaltFix 300 (3000)	SpaltFix S-350			Weight ~ kg
					SpaltFix 301 (3100)	SpaltFix S-360	SpaltFix S-400	
					SpaltFix S-320 (3200)	SpaltFix S-375	SpaltFix S-410	
					MULTI	S-415 Multi		
Z1300031	Widia circular saw blade for firewood and longitudinal cuts, Outer diameter: 500 mm, Bore diameter: 30 mm, Number of teeth: 36	500	×	×	×	×	×	4
Z1300042	Widia circular saw blade for the firewood cut, Outer diameter: 500 mm, Bore diameter: 30 mm, Number of teeth: 72	500	×	×	×	×	×	5
Z1300043	hannibal Widia circular saw blade for rip, spitting and cutting, Outer diameter: 500 mm, Bore diameter: 30 mm, Number of teeth: 8 groups each with 6 teeth	500	×	×	×	×	×	3
Z1300050	Coarse-tooth circular saw blade for firewood cut, Outer diameter: 600 mm, Bore diameter: 30 mm, Number of teeth: 56	600	×	×	×	×	×	7
Z1300072	Widia circular saw blade for firewood and longitudinal cuts, Outer diameter: 600 mm, Bore diameter: 30 mm, Number of teeth: 40	600	×	×	×	×	×	6
Z1300073	Widia circular saw blade for the firewood cut, Outer diameter: 600 mm, Bore diameter: 30 mm, Number of teeth: 78	600	×	×	×	×	×	8
Z1300070	hannibal coarse-tooth circular saw blade for rip and splitting or cutting edge, Outer diameter: 600 mm, Bore diameter: 30 mm, Number of teeth: 8 groups, each with 5 teeth	600	×	×	×	×	×	6
Z1310060	Peeling blade for pointed and peeling work, Outer diameter: 600 mm, Bore diameter: 30 mm, Number of cutting edges: 4	600	×	×	×	×	×	9
F0004865	Coarse-toothed circular saw blade for the firewood cut, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 56	700	○	×	×	×	×	9
Z1300081	Fine-toothed circular saw blade for rip cuts, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 80	700	×	×	×	×	×	9
F0004866	purrr-Widia circular saw blade for firewood and longitudinal cuts – significantly quieter than a standard Widia saw blade! Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 42	700	×	×	×	×	×	11

○ Optional × Not possible ✓ Standard

Saw blades & peeling blades Overview

Find the right saw blade for your POSCH machine!

Article no.	Name	Outer diameter in mm	SpaltFix 280	SpaltFix 300 (3000)	SpaltFix 301 (3100)	SpaltFix S-350		Weight ~ kg	
						SpaltFix S-320	SpaltFix S-360		
						SpaltFix S-377 MULTI	SpaltFix S-415 Multi		
F0004963	purrr Widia circular saw blade for the firewood cut – significantly quieter than a standard Widia saw blade! Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 84	700	×	×	×	×	×	11	
F0004867	Widia circular saw blade for the firewood cut, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 84	700	×	×	×	×	×	11	
F0004868	Hannibal coarse-tooth circular saw blade for rip, splitting and cutting, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 8 groups each with 5 teeth	700	×	×	×	×	×	12	
F0004869	hannibal Widia circular saw blade for rip, splitting and cutting, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 5 groups each with 8 teeth	700	×	×	×	×	×	10	
F0004862	Widia circular saw blade in reinforced model for the firewood cut, Outer diameter: 700 mm, Bore diameter: 30 mm, Number of teeth: 66	700	○	×	×	×	×	17	
F0004863	Widia circular saw blade in reinforced model for the firewood cut, Outer diameter: 750 mm, Bore diameter: 30 mm, Number of teeth: 90	750	×	○	×	×	×	15	
F0004864	Widia circular saw blade in reinforced model for the firewood cut, Outer diameter: 800 mm, Bore diameter: 30 mm, Number of teeth: 96	800	×	×	○	×	×	20	
F0004859	Widia circular saw blade in reinforced model for the firewood cut, Outer diameter: 900 mm, Bore diameter: 40 mm, Number of teeth: 96	900	×	×	×	○	×	40	
F0004861	Widia circular saw blade in reinforced model for the firewood cut, Outer diameter: 1000 mm, Bore diameter: 50 mm, Number of teeth: 106	1000	×	×	×	×	○	52	

○ Optional × Not possible ✓ Standard

350S chip extraction fan & Zyklon 350

For a clean work station

There' are always going to be splinters ...
To keep dust levels in the workplace as low as possible
and as comfort increases, the chip extraction fan ensures
The cyclone ensures clean air every time.





chip extraction unit & Cyclone

THE DREAM TEAM

With these chip extraction units, you can create a low-dust working environment, where you can collect the chips in a controlled, centralised manner and apply them.

Reduced dust not only improves air quality, but also protects machinery and tools from deposits.

These innovations date back to the early 1980s.

Nice to know!

FROM THE PRACTICAL TEST

Since 2008, firewood Dressel has stood for quality with deep roots. A passion for and wood runs in the family's veins: Originally from the Fichtelgebirge mountains, they bring their many years of experience as foresters and forestry managers to bear in their work. The new centrepiece of the production line is a SpaltFix K-700. Combined with a high-performance chip extraction unit and a cyclone, the plant not only guarantees premium-quality firewood but also ensures a clean working environment.



To operate the POSCH K-700 stationary machine as a genuine professional system, a chip extraction unit complete with a cyclone is, of course, essential – it has now become simply indispensable. The extraction system rounds off the whole package; cutting corners here would be a mistake. Otherwise, you'd have to perform cleaning of the chip channel by hand after five cuts at the latest! Another big advantage is that the extraction unit is now positioned with an elevation, which means it runs even more smoothly.

DOMINIC DRESSSEL FROM WEIDHAUSEN

350S chip extraction fan & Zyklon 350

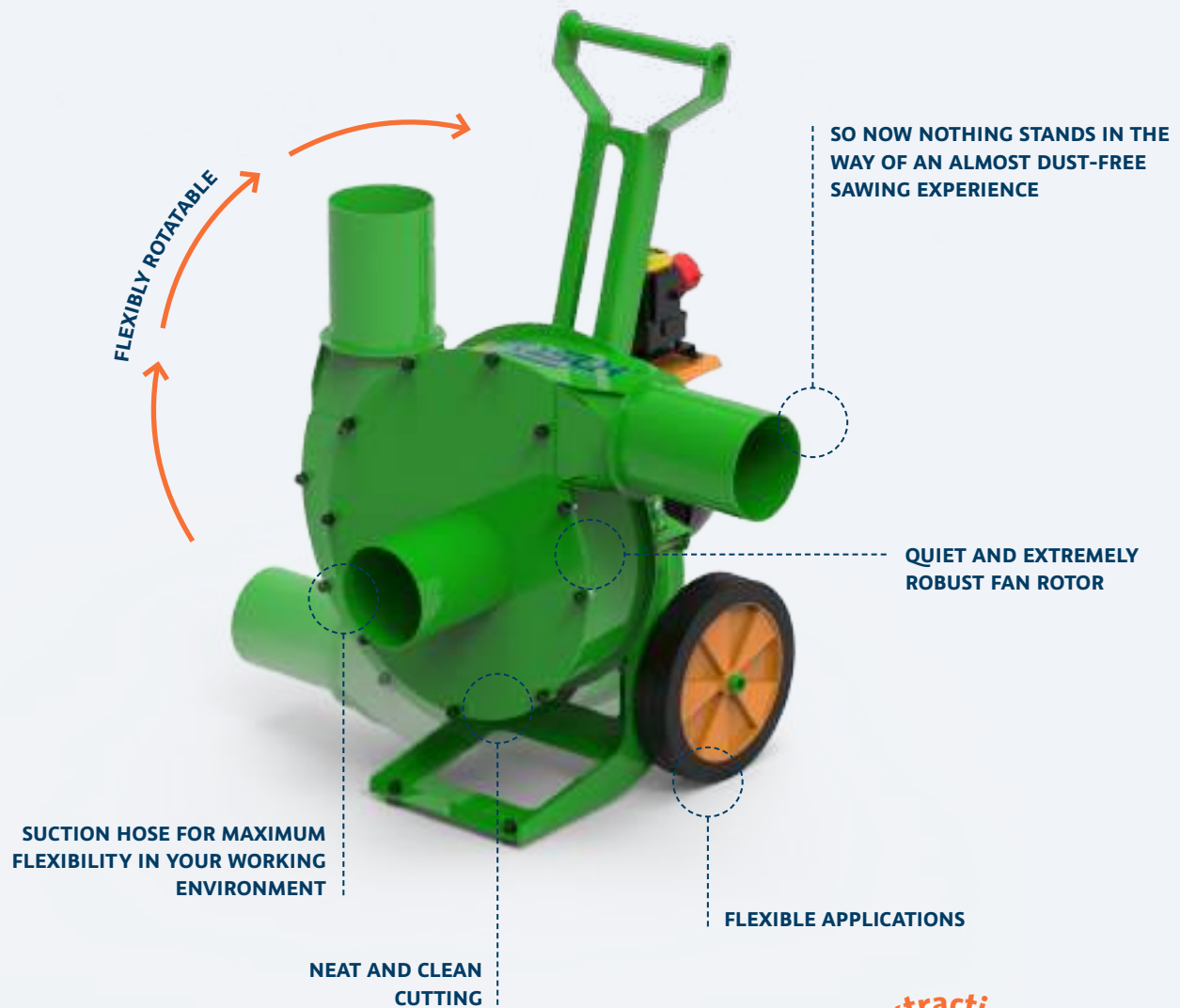
The blower transports, the cyclone separates – ensuring controlled removal of chips and a dust-free workplace. An extraction fan on its own moves air and chips. When used in conjunction with the cyclone, this ensures the efficient separation of material and air. The chips fall in a controlled manner into, for example, a container provided for this purpose, thereby minimising dust levels in the surrounding area. A must-have for any professional business, that values a clean workplace and efficient logistics.



Basic	Expansion
350S chip extraction fan Can be used on its own or as a basis for the application of a cyclone. An extraction fan moves air and chips, or provides the necessary flow for transport. Our chip extraction fan is the efficient solution for a clean working environment. The air flows unimpeded, along with the chips, out into the open or into the container. With powerful suction and a robust fan impeller, it removes sawdust directly as it is produced. The result: Less cleaning work, improved health and safety, and smoother production.	Zyklon 350 The perfect complement to the extraction system. The mounting frame is available as an optional extra. This is where our paths diverge: The air escapes upwards, whilst the chips – no longer carried by the air current – fall calmly and steadily downwards. Whilst a blower simply blows the chips away, the cyclone makes use of centrifugal force. The heavy chips and fine dust are slowed down in the cyclone and fall down in a controlled manner (e.g. into a sack or container). The purified air escapes upwards. Without a cyclone, the chips would escape uncontrollably at the end of the hose.
350S Perfect for firewood processors with a Log diameter of max. 41 cm.	Zyklon 350 The perfect addition for the 350S chip extraction unit

350S chip extraction fan

Here you see the following configuration example:
Item no: M7386 350S chip extraction fan



AIR VOLUME
max. 1,500 m³/h



WEIGHT
approx. 100 kg

Highlights



NEAT AND CLEAN CUTTING

Look after yourself and your health, and avoid dust in your work-space. The chip extraction unit is the ideal addition to your saws and automatic saws. It's as simple as this: The 2-meter-length suction hose, with a diameter of 150 mm, up to 1,500 m³/h of air, including chips, is extracted via your machine's extraction connection. These are then blown through the 10-metre-length pressure hose, which has a diameter of 150 mm, and collected, for example, in a chip container provided by you. Once the collection container is full, it can be easily emptied.

The collected chips can be used for further processing, for example as animal bedding or for composting. In addition to the chip extraction unit, there is the option of fitting a cyclone. This separates the chips from the blower air.



FLEXIBLY ROTATABLE

The extraction housing, which is made of robust all-steel, can be rotated through 270° in 10° increments tool-free. The benefits for you: You can choose the direction in which the chips are discharged with complete flexibility. This ensures flexible use without the pressure hose bending or becoming blocked.



MAXIMUM FLEXIBILITY IN YOUR WORKING ENVIRONMENT

The standard scope of delivery includes a 2-metre-length suction hose and a 10-metre-length pressure hose, each with a diameter of 150 mm. In addition, a reducer from 150 mm to 100 mm is supplied to enable connection to machines with a chip extraction connection of 100 mm in diameter.



QUIET AND ROBUST

The well-engineered design of the solid, all-steel fan rotor ensures durability and smooth cleaning operation. A clamping assembly on the bearing shaft ensures uniform fastening and smooth running on the bearing shaft.



FLEXIBLE APPLICATIONS

Thanks to the standard solid rubber wheels (diameter 300 mm) and the transport handle, the unit can be easily manoeuvred by hand on level ground.



SO NOW NOTHING STANDS IN THE WAY OF AN ALMOST DUST-FREE SAWING EXPERIENCE

The optional chip extraction connections for POSCH circular saws allow them to be easily connected to the chip extraction fan.

350S chip extraction fan Overview

Drive	Drive 1	Electric motor	Tractor hydraulics
	Type	E3-400	HP
	Application	for use with circular saws, automatic saws and firewood processors for logs with a diameter up to 49 cm	
	Can be combined with	Tilting saw, UniCut, tilting saw with conveyor belt, EasyCut, SmartCut, SpaltFix: S-376, S-415, S-500 VARIO PLUS	
	Air capacity m³/h	1500	1500
Basic model	Swivel range of the pressure connection	270° (in 10° increments)	270° (in 10° increments)
	Solid rubber wheels, diameter 300 mm	✓	✓
	Transport handle	✓	✓
	Cable length for start-stop switch	10 m of ' for operating the chip extraction unit on the machine	-
	Magnetic holder for start-stop switch	✓	-
	Impeller made of solid steel	✓	✓
	Suction hose diameter (mm)	150	150
	Suction hose length (m)	2	2
	Pressure hose diameter (mm)	150	150
	Pressure hose length (m)	10	10
	Air capacity up to m³/h	1500	1500
Technical data	Weight kg	101	99
	Electric motor power rating S1 kW	3	-
	Motor protection switch	✓	-
	Phase inverter	✓	-
	Mains power requirements	3x 400 V, 50 Hz, CEE 16 A	-
	Average power consumption kWh*	1.0 – 1.5	-
	Required flow rate at the hydraulic connections (l/min)	-	20 – 60
	Required pressure at the hydraulic connections: max. bar	-	150
	Reducing ring for chip extraction connection, reducing the diameter from 150 to 100 mm	✓	✓
	Reducing ring for chip extraction connection, reducing the diameter from 200 to 150 mm	✗	✗
	Length transport / working position mm	1000 / 670	1000 / 670
	Width transport / working position mm	900 / 560	900 / 570
	Height transport / working position mm	1100 / 1080	1100 / 1080
Transport	Solid rubber wheels, diameter 300 mm	✓	✓
	Transport handle	✓	✓
Accessory equipment	Zyklon 350	○	○
	Chip extraction connection for various machines	○	○

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.



ELECTRIC DRIVE

Efficient, quiet and environmentally friendly:
The electric motor: a cost-effective solution!



TRACTOR HYDRAULICS

Do you also work outside your home and garden? This means you can choose your place of work flexibly.

Basic model 350S chip extraction fan

For use with all circular saws, automatic saws (e.g. POSCH-EasyCut, SmartCut, AutoCut) and firewood processors (e.g. POSCH-SpaltFix – up to and including the SpaltFix S-415)

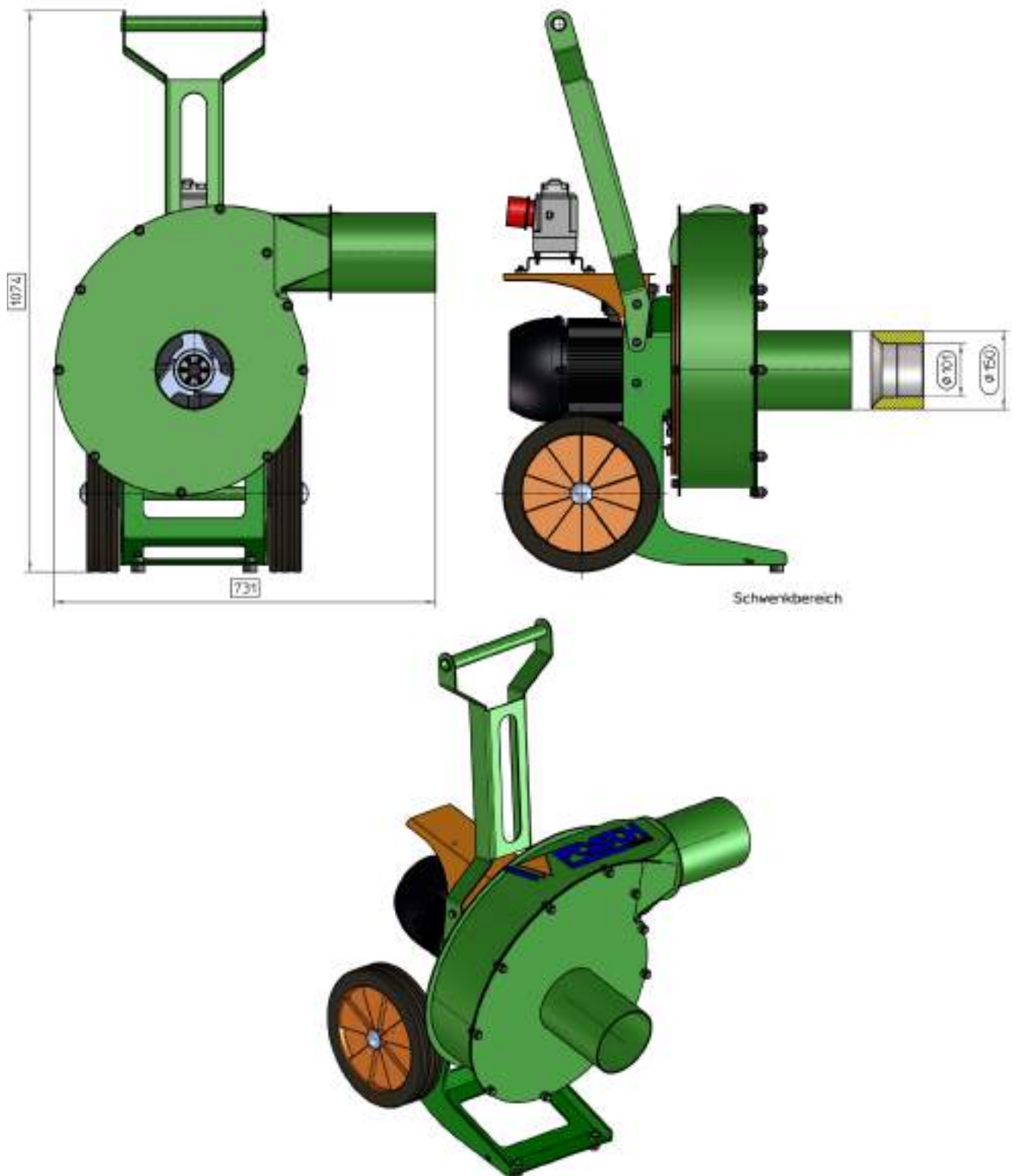
Article no.	Type	Name	Drive	Air capacity up to m³/h	Weight ~ kg
M7386	E3-400	350S chip extraction fan, E3-400, for extracting chips at an air capacity of up to 1,500 m³/h, driven by a 3- kW electric motor, S1, 3 x 400 V, 50 Hz, CEE 16 A, direct start, motor protection switch with phase inverter and 10- m cable with magnetic mounting and start-stop switch for operating the chip extraction unit on the saw, 270° swivelling pressure connection – adjustable in 10° increments, fan rotor made of solid steel, 2-metre suction hose (diameter 150 mm), including a reducer from 150 to 100 mm, 10-metre pressure hose (diameter 150 mm), transport handle and solid rubber wheels (diameter 300 mm). Please NOTE: The blower must not be used in enclosed spaces!		1500	101
M7387	HP	350S chip extraction fan, HP, for extracting chips at an air capacity of up to 1,500 m³/h; driven by the tractor's hydraulic system; requires a size 3 hydraulic coupling for forward and return operation . Includes flow divider, hydraulic freewheel and gear motor (2,800 rpm), hydraulic connection for 20–60 l/min, required pressure at the hydraulic connections: max. 150 bar. 270° swivelling pressure connection, adjustable in 10° increments; solid steel fan rotor; 2-metre suction hose (diameter 150 mm) including a reducer from 150 to 100 mm, 10-metre pressure hose (Diameter 150 mm), transport handle and solid rubber wheels with a diameter of 300 mm. Please NOTE: The blower must not be used in enclosed spaces!		1500	99

Accessory equipment 350S chip extraction fan

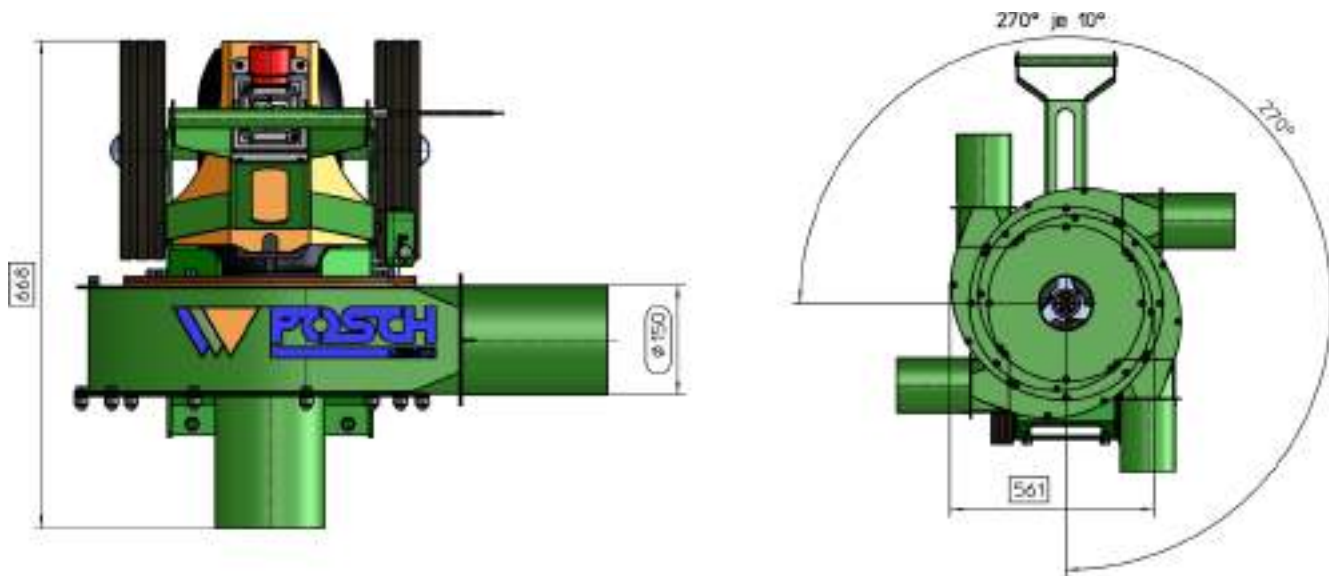
Select the appropriate chip extraction connection.

Article no.	Name	Type E3-400	Type HP	Weight ~ kg
F0002791	Chip extraction connection, diameter 100 mm, suitable for table-mounted tilting saws without a three-point suspension system, "G" and "H" model series	☐	☐	3
F0004604	Chip extraction connection, diameter 100 mm, , suitable for a tilting saw with a conveyor belt and a three-point linkage	☐	☐	2
F0003773	Chip extraction connection, diameter 100 mm, , suitable for tilting saws without a three-point suspension, "H" and "HS" model series	☐	☐	3
F0002195	Chip extraction connection, diameter 150 mm, , suitable for the tilting saw plus	☐	☐	5
F0004088	Chip extraction connection, diameter 100 mm, , suitable for the roller table saw and UniCut with three-point suspension	☐	☐	10
F0002860	Chip extraction connection, diameter 100 mm, , suitable for the roller table saw and UniCut without a three-point suspension system	☐	☐	11
F0004426	Chip extraction connection, diameter 150 mm, , suitable for WippCut	☐	☐	3
F0004069	Reducer for chip extraction connection, diameter 150 mm to 100 mm, , suitable for SpaltFix S-375 (standard on SpaltFix S-376)	☐	☐	7

☐ optional ☒ not available ☒ standard equipment

Dimension sheet: Configuration example**M7386** 350S chip extraction fan – compatible with the Zyklon 350

Not to scale!



Not to scale!

Zyklon 350

Here you see the following configuration example:

Item no: F0004658	Zyklon 350
G35	Support frame (optional)
R	type roller bearings (optional)
F0004787	Mounting bracket for BigBags (optional)



AIR VOLUME
max. 1,500 m³/h



WEIGHT
85 kg and over

Highlights



BIGBAG HOLDER

The application of big bags offers numerous advantages over traditional collection containers: When empty, they take up hardly any storage space, reduce transport costs, save resources and, thanks to the recycling system, can be flexibly reused or exchanged. This option includes four suspension hooks for securely hanging a big bag from the cyclone's mounting frame. To allow flexible adjustment to different big bag sizes, these can be adjusted in height from 100 to 160 cm tool-free. Lifting and suspension loops are required on the BigBag.



RELIEF CHAMBER

The relief chamber with a curtain helps to reduce turbulence in the collection tank. It ensures that the chips are discharged from the cyclone in a smooth and even manner. This ensures effective separation and guarantees a clean, controlled flow of material.



ROLLER BEARINGS

Thanks to its two fixed castors and two swivel castors, the cyclone with mounting frame can be moved manually with ease on a level surface. The rollers are equipped with brakes, offering high stability and ease of use.



AIR OUTLET INCLUDING MOUNTING POINTS

The cyclone can be easily suspended from the air outlet's mounting points on a load-bearing structure. A cover protects the system from the elements and ensures a controlled airflow thanks to its surrounding slats. It also forms the top of the ventilation housing or air duct.



CYCLONE MOUNTING FRAME

The height-adjustable steel frame ensures that the cyclone is securely held in place and remains stable on a level surface when set up in a stationary position.

It consists of a base frame with a solid column and a mounting frame for the cyclone, which can be fixed at the appropriate height depending on the collection container.

Thanks to its built-in lifting points, it can be transported by forklift; it can also be fitted with roller bearings for manual movement as optional equipment.

The cleverly designed hose routing prevents kinks in the pressure hose, whilst a cover reliably protects the collection tank from the elements.

Zyklon 350 Overview

The cyclone can only be applied in conjunction with a chip extraction fan.

Type	350	
	Can be combined with	350S chip extraction fan
Basic model	Ceiling mounting	✓
	Relief chamber	✓
	Hose connection diameter (mm)	120 & 150
Technical data	Weight kg	85
	Suitable for air flow rates max. m³/h	1000–1500
	Length in working position	2050
	Wide working position	600
	Working position	600
Special equipment	Height-adjustable mounting frame	○
	Roller bearings	○
Accessory equipment	BigBag holder	○

○ optional ✕ not available ✓ standard equipment

Basic model Zyklon 350

Choose the right cyclone based on the air flow rates.

Article no.	Type	Name	Weight ~ kg	
F0004658	350	Zyklon 350, for air flow rates of 1000 – 1500 m³/h, 350S chip extraction fan required Hose connection diameters 120 mm and 150 mm, Top cover for the air outlet with integrated weather protection and mounting bracket for ceiling installation, as well as a relief chamber with an integrated plastic protective curtain. Mounting frame not part of the scope of supply! Please note: The Zyklon must not be used in enclosed spaces!	85	

Special equipment Zyklon 350

Available only as original equipment, including fitting

Article no.	Name	Type 350	Weight ~ kg	
G35 (SO1344)	Support frame for secure mounting and height adjustment, suitable for the Zyklon 350. Consisting of a base frame with forklift attachments, a column with a height-adjustable cyclone holder, a container cover and a hose guide.	○	290	
R (SO1345)	Roller bearings for the mounting frame , for manual movement on a level surface. Consisting of 2 fixed castors, 2 swivel castors with brakes, 200 x 50 mm (diameter x width). G35 or G40 mounting frame required!	○ for Option G35	20	
○ optional ✗ not available ✓ standard equipment				

Accessory equipment Zyklon 350

Handy accessory equipment

Article no.	Name	Type 350	Weight ~ kg	
F0004787	Clamp for hooking up BigBags using loops , Height-adjustable from 1000 mm to 1600 mm. Consisting of 4 posts, including hanging hooks and latches. A G35 or G40 mounting frame is required. Please note: The BigBag must rest on the floor! Sling and lifting loops are required on the BigBag!	○ for option G35 or F0004660	47	
○ optional ✗ not available ✓ standard equipment				

Retrofitting Zyklon 350

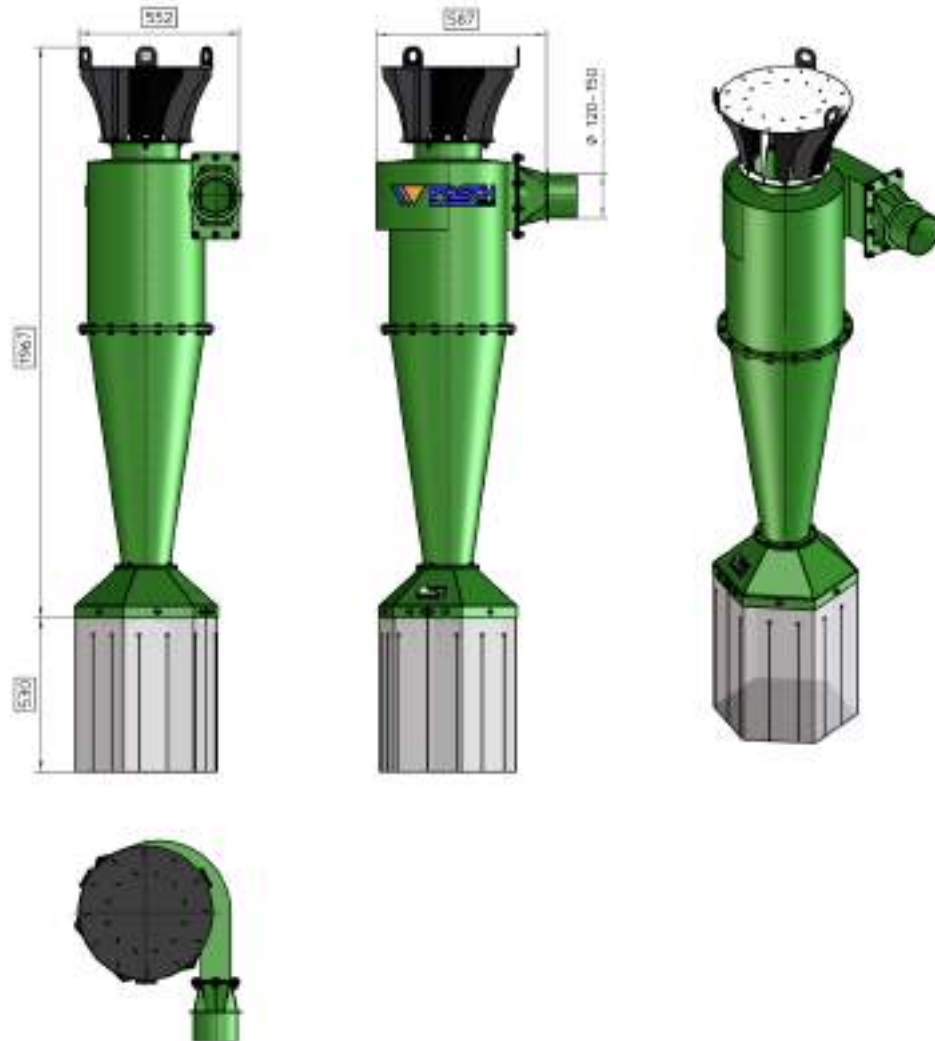
Article no.	Name	Type 350	Weight ~ kg	
F0004660	Retrofitting of support frames for secure mounting and height adjustment, , suitable for the Zyklon 350 . Consisting of a base frame with forklift attachments, a column with a height-adjustable cyclone holder, a container cover and a hose guide. Estimated installation time: 2 hours	○	330	
F0004661	Retrofitting of roller bearings for the mounting frame to enable manual movement of the on a level surface. Consisting of 2 fixed castors and 2 swivel castors with brakes, 200 x 50 mm (diameter x width). Mounting frame G35, G40, F0004660 or F0004660L required! Estimated installation time: 1 hour	○ for option G35 or F0004660	7	
○ optional ✗ not available ✓ standard equipment				

Dimension sheet: Configuration example

F0004658 Cyclone 350, for air flow rates of 1000 – 1500 m³/h

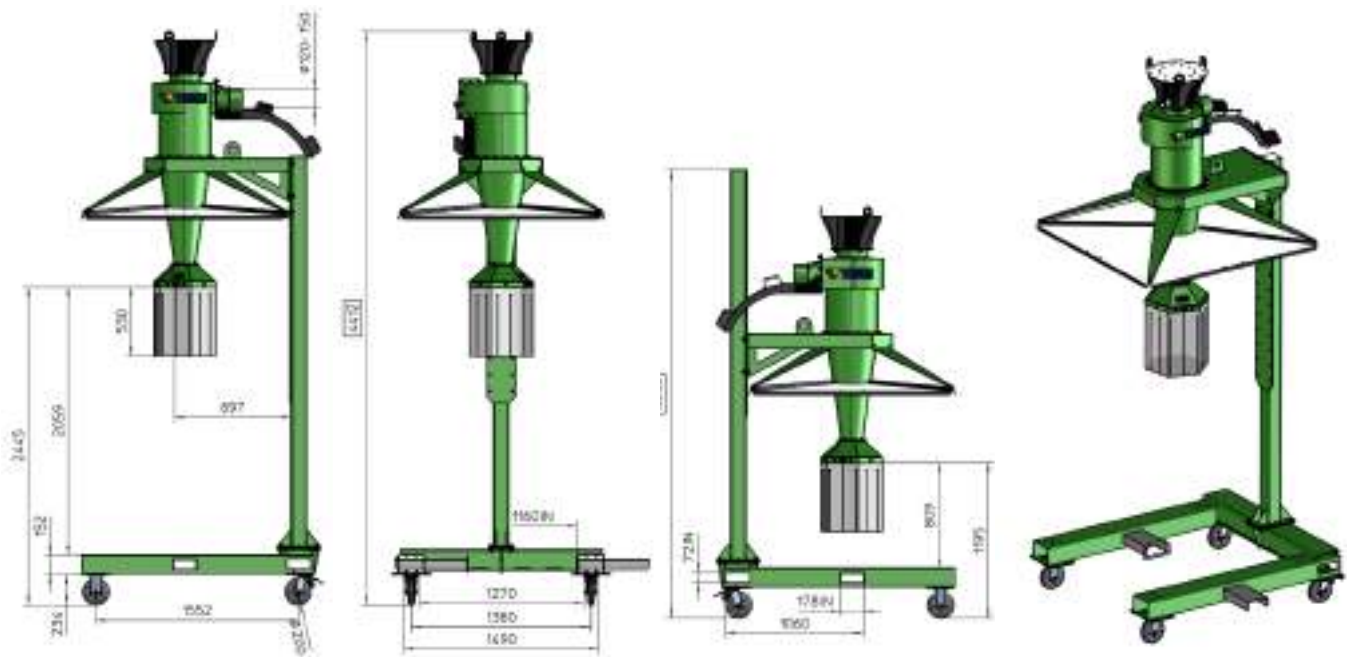
G35 Support frame for secure mounting and height adjustment, suitable for the Zyklon 350.

R Roller bearings for the mounting frame

Ceiling mounting

Not to scale!

Support frame



Not to scale!

DEBARKING



SchälProfi p. 256
optional with a
circular saw attachment

Debarking



From trunk to clean pole with POSCH debarking machines.
Peeling and sharpening in a single work step – with the optional
option of sawing too!

SchälProfi

Quickly turns logs into posts

The POSCH peelProfi is the ideal solution if you want to build your own fence.

It enables you to peel and point the fence posts at the same time, in a single work step, saving you a considerable amount of time and effort.

The SchälProfi is suitable for making fence posts from spruce, pine, larch and Douglas fir. Other wood types available on request.

Also available with a circular saw attachment!

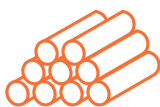
Would you like to cut your fence posts as part of the work process?

With the circular saw attachment, you can easily cut the logs in half if required. Here's how to combine all the steps efficiently in a single work step in.

SchälProfi



in action!



DEBARKING
manual



TRUNK Ø
7–24 cm



PRODUCES
Fence posts



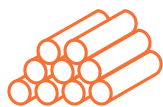
SchälProfi

Here you see the following configuration example:

Item no: M1410E SchälProfi, PZG
Item no: K Circular saw attachment for the SchälProfi (optional)
Item no: F0001574 Wood support for easier guidance of long trunks (optional)



PEELING DISC Ø
500 mm



PEELING CAPACITY
9 linear metres per minute.



WOOD Ø
max. 7–24 cm



NUMBER OF BLADES
4 pcs. per peeling disc



WEIGHT
at least 298 kg

Highlights



ADJUSTABLE FEED SPEED FOR DETERMINATION OF MATERIAL REMOVAL

You determine the peeling result: The feed blades can be precisely adjusted using the adjustment lever on the feed arm. Depending on the material, the thickness of the bark and the blade setting, the optimum feed rate is selected in order to determine the amount of material removed (more or less) and to tailor the peeling result to individual requirements. The built-in depth limiters prevent the bit from penetrating too deeply into the trunk and protect the surface from damage.

Another advantage: The feed blades are adjustable, can be resharpened and can be easily replaced if necessary. An adjustment gauge is included in the scope of delivery to ensure precise adjustment of the feed gauges and depth stops.



FAST CHANGE FROM THE AUTOMATIC SHARPENING PEELING PROCESS

The standard centring device is impressive for its user-friendly operation : Once the feed arm has been raised, it can be swivelled into position with ease and locked securely to the foot pedal without the need for tools to ensure safety. This handy feature ensures that the trunk can be sharpened effortlessly with minimal effort, which significantly simplifies and speeds up the entire process.



THIS WAY, YOU KEEP THE WORK AREA CLEAN

Chip ejection occurs at a height of 2,200 mm. The rotatable discharge pipe makes it easy to adjust the direction, and the adjustable flap blows the chips directly onto, for example, a trailer. If the height is too low, the discharge chute can be extended optionally by 350 or 550 mm. See page 264 for more information!



QUICKLY TURNS LOGS INTO POSTS

The trunk is placed on the end of the worm shaft. To make it easier to place the, the feed arm can be raised effortlessly using a foot pedal. The auger causes the trunk to rotate, whilst the toothed mechanism on the feed arm moves the trunk towards the peeling disc, thereby performing automatic debarking on it



THE CIRCULAR SAW ATTACHMENT FOR ABOUT THE SCHÄLPROFI

With the peelProfi and the optional circular saw attachment, you have more options, as this allows you to easily cut and sharpen posts. See page 267 for more information!



SchälProfi

FROM THE FIELD

When tradition meets modernity, the Forst Competence Centre in Hohenems comes to mind. This is where the entire value chain comes together – from the tree, through the timber cut and processed, right through to old pieces of wood that are reused or repurposed. In spring, wild garlic is harvested; in winter, Christmas trees are sold. Products such as fence posts and bean poles are also manufactured here. Operations Manager Stefan Mayer (on the right in the photo) explains:

The posts are used for the fence, whilst thinner spruce trunks are used as bean poles. With the peelProfi, it's fast and easy! For us, it's not just the quality of our timber that counts, but also the fact that we produce it using machinery from Austria. If we need spare parts, they are available fast. In short: The service is good, and we're always helped quickly. If we were to need a new machine, we would definitely choose a POSCH again!

STEFAN MAYER FROM THE FORESTRY
COMPETENCE CENTRE IN HOHENEMS



Nice to know!

Once more than half of the trunk has been peeled, switch to the other side and catch the trunk on the opposite side. In the meantime, the extendable wood support guides the trunk for you. It's even easier when there are two of you!

FROM THEORY TO PRACTICE

Anyone who has ever used the peelProfi will quickly come to appreciate its benefits. In just a few seconds, the machine performs debarking on logs, making it easy to make perfect fence posts yourself.

The pointed posts are much easier to drive into the ground and are therefore more securely anchored, which increases the stability and durability of the fence. Spruce trunks are particularly well suited to this purpose, as they are naturally more robust and offer exceptional durability.

That's what makes the SchälProfi stand out!

ROUND TIMBER, SINGLE PEEL AND SHARPEN

Fast and efficient debarking, tapering and cutting of round timber – suitable for log diameters of 7 – 24 cm (optional 4 – 20 cm). To perform debarking on the trunk, simply place it on the rotating feed mechanism; the peeling process starts automatically. For a log diameter of 10 – 15 cm, the peeling capacity is up to 9 running metres per minute. Once more than half of the trunk has been peeled, switch to the other side and catch the trunk on the opposite side. In the meantime, the extendable wood support guides the trunk for you. The two feed blades ensure that the trunk glides past the peeling disc, causing it to be peeled automatically as it passes.



GREAT AT WORK, COMPACT FOR TRANSPORT

With the standard wood support in place, the trunk continues to be guided evenly along the peeling disc as it moves from the feed side to the discharge side. The wood support can be adjusted to suit the length of the log. It can also be simply slid away for compact transport and space-saving storage.

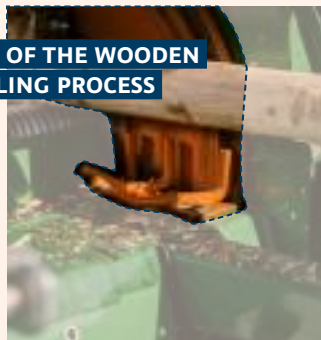


ROBUST PEELING DISC WITH PEELING KNIVES

The robust peeling disc (500 mm in diameter) is equipped with four adjustable peeling blades and two fan blades, which ensure chip ejection. The knives are adjustable to achieve the best possible peeling results. They can be re-sharpened and replaced if necessary, thereby ensuring consistent peeling capacity. A blade adjustment gauge is supplied to check the blade setting.

SIMPLE CHAMFERING OF THE WOODEN POST AFTER THE PEELING PROCESS

A chamfer at the end of the peeled wooden stake reduces splintering whilst driving it into the ground. Once the peeling process has been completed, the trunk can be chamfered on the discharge side using the device. Simply place the trunk on the device, apply pressure to it against the peeling disc and chamfer it by turning it evenly anti-clockwise.



SIMPLY FROM A TO B



Thanks to the solid rubber wheels (diameter 300 mm) and the transport handle, it can be manoeuvred by hand on level ground. Models with a three-point linkage (categories I and II) can be easily transported to the site of operation using a tractor. The wood supports can be slid in or folded away for compact transport and storage.

SchälProfi Overview

Drive	Drive 1	Tractor PTO shaft	Electric motor	Hybrid drive: Tractor PTO shaft
	Drive 2	-	-	Electric motor
	Type	PZG	E11-400	PZG-E11-400
Basic model	Automatic peeling process	✓	✓	✓
	Average peeling capacity for a log diameter of 10–15 cm (linear metres per minute)	7–9	7–9	7–9
	Pivoting stop of the pointing device	✓	✓	✓
	Feed rate continuously variable	✓	✓	✓
	Blower fan for chips	✓	✓	✓
	Rotatable chip ejection system	✓	✓	✓
	Solid rubber wheels, diameter 300 mm	✓	✓	✓
Technical Data	Three-point linkage Cat. I + II	✓	○	✓
	Minimum log diameter (cm)	7	7	7
	Log diameter max. cm	24	24	24
	Peeling disc diameter (mm)	500	500	500
	Peeling disc thickness (mm)	15	15	15
	Number of blades	4	4	4
	Auger incline (mm)	12	12	12
	Chip ejection height (mm)	2,200	2,200	2,200
	Weight kg	302	298	384
	Peeling disc brake	-	electric	electric
	Power specification electric motor S6 kW	-	11	11
	Motor protection switch	-	✓	✓
	Phase inverter	-	✓	✓
	Star-delta start	-	✓	✓
	Mains power requirements	-	3 x 400 V, 50 Hz, CEE 32 A	3 x 400 V, 50 Hz, CEE 32 A
	Average power consumption kWh*	-	4.0 – 6.0	4.0 – 6.0
	Power requirement PTO kW	15	-	15
	PTO speed (rpm)	700	-	700
	Joint shaft required	yes	-	yes
	Length transport / working position mm	1230 / 1230	1000 / 920	1230 / 1230
	Width transport / working position mm	1300 / 1300	1400 / 1400	1300 / 1300
	Height transport / working position mm	1550 / 2240	1520 / 2230	1550 / 2240
Transport	Three-point linkage Cat. I + II	✓	○	✓
	Transport handle	✓	✓	✓
	Solid rubber wheels, diameter 300 mm	✓	✓	✓
Special equipment	Circular saw attachment	○	✗	○
Accessory equipment	Ejection extensions: 350 and 500 mm	○	○	○
	Three-point linkage Cat. I + II	✓	○	✓
	Blade set	○	○	○
	Wood support for long trunks	○	○	○
	Auger with an incline of 10 mm for wood diameters less than 7 cm	○	○	○
	Hour meter	○	✗	○
	Drive shaft	○	✗	○

○ optional ✗ not available ✓ standard equipment

* Depending on the type of wood, processing diameter, log length, working speed, number of people, etc.

Basic model SchälProfi

The machine for trimming and debarking trunks.

Article no.	Type	Name	Drive	Average peeling capacity for a log diameter of 10–15 cm (linear metres per minute)	Weight ~ kg
M1410E	PZG	SchälProfi, PZG, machine for the automatic peeling, manual tip trimming and chamfering of trunks with a max. diameter of 24 cm, driven by a tractor PTO shaft, required PTO speed 700 rpm, power requirement 15 kW, swivelling stop on the pointing device, continuously variable feed rate, blower fan for chip removal, rotatable chip ejection with adjustable ejection flap, solid rubber wheels with a diameter of 300 mm and transport handle, three-point linkage, Cat. I + II. PTO shaft required!		7–9	302
M1400E	E11-400	About the SchälProfi 50 Hz, CEE 32 A, star-delta start, motor protection switch and phase inverter, swivelling stop on the pointing device, continuously variable feed rate, blower fan for chip removal, rotatable chip ejection with adjustable ejection flap, solid rubber wheels with a diameter of 300 mm and transport handle.		7–9	298
M1420E	PZG-E11-400	SchälProfi PZG-E11-400, Machine for the automatic peeling, manual pointing and chamfering of trunks with a max. diameter of 24 cm, driven by a tractor PTO shaft, required PTO speed 700 rpm, power requirement 15 kW, and driven by an electric motor 11 kW, S6, 3x 400 V, 50 Hz, CEE 32 A, star-delta start, motor protection switch and phase inverter, swivelling stop on the pointing device, continuously variable feed rate adjustment, blower fan for chip removal, rotatable chip ejection with adjustable ejection flap, solid rubber wheels with a diameter of 300 mm and transport handle, three-point linkage, Cat. I + II. PTO shaft required!	 	7–9 7–9	384
YF190		SchälProfi freight costs. Valid exclusively for deliveries to Austria and Germany.			
YF191		Freight costs for SchälProfi with circular saw attachment Valid exclusively for deliveries to Austria and Germany.			
YDI141		Commissioning AT/DE			



SCHÄLPROFI, E11-400

Special equipment SchälProfi

A circular saw attachment that makes it easy to cut and sharpen posts.



Only possible with original equipment, incl. installation.

Article no.	Name	Type PZG	Type E11-400	Type PZG- E11-400	Weight ~ kg
K (S01343)	Surcharge for the circular saw attachment on the SchälProfi for making taper cuts and cutting operations with a maximum cutting diameter of 17 cm; Widia circular saw blade, diameter 500 mm; including tool for changing the saw blade; transparent saw blade guard (to the left and right of the saw blade) with rollers on the operator's side; fold-down device for centring the trunk; 2 splitting wedges for precise cutting, fold-out support arms before and after the cutting range with ball-bearing rollers and gas springs. A sawing table that can be removed tool-free from the side, for easier sharpening, and a longitudinal stop for cutting boards. The saw's drive is connected to the peelProfi via a drive shaft. Suitable for machines powered by a tractor PTO shaft and a hybrid drive: Tractor PTO + electric motor	O	X	O	180

O optional X not available ✓ standard equipment



THE CIRCULAR SAW ATTACHMENT FOR THE PEELPROFI

Use the peelProfi for debarking and trunk sharpening. You can work even more efficiently with the optional circular saw, which is equipped with a saw blade (500 mm in diameter). This allows you to easily split stakes in half and sharpen them. Versatile application with just one device: The type-approved saw is fitted with a V-belt clutch, which allows the saw to be switched off independently of the operation of the peelProfi. Round timber with a diameter of 7 to 24 cm can be processed without any problems.

Accessory equipment SchälProfi

For more power and comfort during producing firewood.

Article no.	Name	Type PZG	Type E11-400	Type PZG- E11-400	Weight ~ kg
F0001339	Wood support for easier handling of long trunks (over 3 metres), with a swivel mechanism, for machines with an electric motor and a hybrid drive: Tractor PTO + electric motor	X	O	O	17
F0001574	Wood support for easier handling of long trunks (over 3 metres), with swivel mechanism, for machines with tractor PTO shaft drive	O	X	X	18
F0001360	Three-point linkage Cat. I + II, for easy transport with the tractor, for machines with electric motor drive. The three-point linkage Cat. I + II is fitted as standard on machines with tractor PTO shaft and hybrid drive.	✓	O	✓	18
F0001806	Hour meter with digital display of hours and PTO speed, suitable for machines driven by a tractor PTO shaft	O	X	O	1
F0001566	350 mm ejection extension (for chip ejection at a height of 2,550 mm)	O	O	O	14
F0001567	500 mm ejection extension (for chip ejection at a height of 2,700 mm)	O	O	O	8
F0001584	Worm gear cover, including a locking mechanism for the feed arm, for manually turning and peeling curved trunks.	O	O	O	18
F2007733	An auger with a diameter of 80 × 120 mm and an incline of 10 mm (gold-silver), for machining wood with a diameter of less than 7 cm.	O	O	O	2
Z2000653	Walterscheid W-Line universal joint shaft	O	X	O	12

O optional X not available ✓ standard equipment

Accessory
equipment at
a glance



Accessory equipment SchälProfi

Do you find the length of the trunks too heavy over time? Thanks to the swivelling log rest, the round timber no longer needs to be guided and held by hand during the peeling process. It aligns itself automatically with the peeling disc, ensuring consistent processing and making it easier to work with trunks of various lengths. It can be folded away for compact transport and storage.

THEY ALSO WORK ON LONG TRUNKS?



THIS WAY, YOUR KEEP THE WORK AREA CLEAN

The chips are ejected at a height of 2,200 mm. The ejection tube, which is rotatable with a single turn of the handle, allows for easy and convenient adjustment of the desired ejection direction. The adjustable discharge flap also allows chips to be blown onto a trailer, for example. Is the ejection height too low for you? Simply extend the rotatable chip ejection chute by 350 mm or 500 mm using the optional extension to achieve the desired height and thus ensure even better handling.

STRAIGHT TO THE DESIRED LOCATION

Do you also work outside the home and yard? Thanks to the solid three-point linkage in categories I and II, the SchälProfi can be easily attached to the tractor and transported. On the drive option with tractor PTO shaft and hybrid drive (tractor PTO shaft and electric motor), the three-point linkage is standard, whilst on machines with an electric drive it is available as an optional feature. Solid rubber wheels (diameter 300 mm) and a transport handle are included in the scope of delivery to facilitate easy, manual transport of the machine.



ALSO DESIGNED FOR CURVED TRUNKS

Do you have curved, irregularly shaped trunks where automatic peeling does not produce the best results? The solution to this is the support table designed to cover the feed screw. The feed arm can be locked in the raised position. This means that the irregularly shaped trunks can be turned by hand and guided past the peeling disc to be peeled.



OUR METER

Would you like to rent out your machine or keep an eye on the operating time? A suitable operating hours counter is available for each drive variant, allowing you to read off the exact machine running time.



THE AUGER ON THE PEELPROFI

The two-part auger ensures rotation during automatic peeling without damaging the heartwood. The longer section, with an incline of 12 mm, guides the trunk to the peeling disc; the shorter section ensures rotation and is subject to greater wear, but can be replaced separately at low cost. For logs with a diameter of less than 7 cm, there is an optional auger with an incline of 10 mm, which can also be replaced. Replacement is straightforward and does not require the peeling disc or the belt drive to be removed.



Service and wear parts SchälProfi

Article no.	Name	Type PZG	Type E11-400	Type PZG- E11-400	Weight ~ kg	
Z1201700	Spare blade (1 pcs.) for the peeling disc (4 are required!)	○	○	○	1	
F0001435	Knives (1 set) for the peeling disc (1 set = 4 knives, including fixing materials)	○	○	○	1	
A112	Regrounding a blade set (= 4 pieces)	○	○	○	1	
F2007588	An auger with a diameter of 80 × 120 mm and an incline of 12 mm (gold-silver), for machining timber with a diameter of 7–24 cm. Included as standard on the basic model.	✓	✓	✓	2	
Z1300031	Widia circular saw blade for firewood and longitudinal cuts, Outer diameter: 500 mm, Bore diameter: 30 mm, Number of teeth: 36	○	○	○	4	

○ optional ✕ not available ✓ standard equipment

KNIVES FOR THE PEELPROFI

Even the best knives need replacing at some point, or if you're part of a machine-sharing group where each member has their own blade set: The blade set contains four new knives for the peelProfi.



IS THE PEELING BLADE FAULTY?

Is there something wrong with the knife? We sell the knives individually, so you only need to replace the damaged one.

RE-SHARPENING THE SCHÄLPROFI KNIVES

No sharpening service nearby? No problem! Simply send us your blade set – we'll be happy to sharpen it for you.

Retrofitting SchälProfi

Article no.	Name	Type PZG	Type E11-400	Type PZG- E11-400	Weight ~ kg
F0004627	Retrofitting for installing a circular saw attachment on the SchälProfi to carry out bevelling and cutting operations with a maximum cutting diameter of 17 cm, Widia circular saw blade, diameter 500 mm, including tool for changing the saw blade, transparent saw blade guard (to the left and right of the saw blade) with rollers on the operator's side, fold-out centring device, 2 riving knives for precise cutting, fold-out support arms before and after the cutting range with ball-bearing rollers and gas spring. A sawing table that can be removed tool-free from the side, for easier sharpening, and a longitudinal stop for cutting boards. The saw's drive is connected to the peelProfi via a drive shaft. Estimated installation time: 6 hours Suitable for machines powered by a tractor PTO shaft or a hybrid drive: Tractor PTO shaft + electric motor from model year 2021 onwards.	○	×	○	210
F0004652	Retrofitting for installing a circular saw attachment on the SchälProfi to carry out bevelling and cutting operations with a maximum cutting diameter of 17 cm, Widia circular saw blade, diameter 500 mm, including tool for changing the saw blade, transparent saw blade guard (to the left and right of the saw blade) with rollers on the operator's side, fold-out centring device, 2 riving knives for precise cutting, fold-out support arms before and after the cutting range with ball-bearing rollers and gas spring. A sawing table that can be removed tool-free from the side, for easier sharpening, and a longitudinal stop for cutting boards. The saw's drive is connected to the peelProfi via a drive shaft. Estimated installation time: 6 hours Suitable for machines powered by a tractor PTO shaft or a hybrid drive: Tractor PTO shaft + electric motor, up to model year 2020.	○	×	○	220

○ optional × not available ✓ standard equipment



THE CIRCULAR SAW ATTACHMENT FOR THE SCHÄLPROFI

Use the peelProfi for debarking and trunk sharpening. You can work even more efficiently with the optional circular saw, which is equipped with a 500 mm saw blade. This allows you to easily split stakes in half and sharpen them.

Versatile application with just one device:
The type-approved saw is fitted with a V-belt clutch, which allows the saw to be switched off independently of the operation of the peelProfi. Round timber with a diameter of 7 to 17 cm can be worked with ease.



From trunk to firewood ready for the stove with POSCH firewood processors. Fast, full of energy and of unrivalled quality!

firewood processors

Firewood processing for professionals

From the trunk straight to the perfect, oven-ready log – and in no time at all – with POSCH SpaltFix firewood processors. To ensure the best possible splitting results, you can choose from three different splitting systems, each with different splitting blades. Our firewood processors are not only powerful, but also reliable and durable. This way, you can focus on what really matters:

Your timber, your success.

Cleaned, packaged and ready to go!

Exactly as you need it! Clean firewood in

High quality commands a better price on the market and makes the Firewood processing is more profitable. Packaging in cardboard boxes and/or nets.

And we have the right machinery for the job.
Everything from a single source – made in Austria!



HOURLY OUTPUT
~ 27 srm



TRUNK Ø
max. 70 cm



LOG LENGTH
20–50 cm



General overview

SpaltFix

	SpaltFix S			SpaltFix m
	S-376	S-376 mobile	S-415 MULTI	S-500 VARIO PLUS
				
Log diameter (cm) (from – to)	7 – 36	7 – 36	10 – 41	10 – 49
Max. log length in m	5	4	5	5
Standard processing—quantities srm / a	2,000 – 5,000	2,000 – 5,000	5,000 – 15,000	3,000 – 15,000
Processing capacity max. srm/h *	20	20	20	20
Standard, average log diameter (cm)	30	30	35	44
Type of investment	Three-point, stationary	Mobile	Stationary	Stationary
Drive types	  	   	 	
Chassis	X	Tractor chassis Tractor chassis 25 km/h Tractor chassis 40 km/h Lorry chassis 80 km/h	X	X
Saw blade mm	Saw blade, 900 mm diameter	Saw blade, 900 mm diameter	Saw blade, diameter 1,000	Saw blade, diameter 1,100
Cutting allowance	X	X	X	✓
Splitting system	STANDARD	STANDARD	MULTI	VARIO
Saw feed control	manual	manual	manual	manual
Length of integrated conveyor belts (m)	0 / 1.5	0 / 1.5	1.5 / 4 / 5	X
Length of integrated hinge-conveyor belts m	4 / 5	4 / 5	4 / 5	X
Length of auxiliary conveyor—ribbons m	X	X	X	FSX 2 / 4 / 5 / 6 / 8

○ cutting possible ✓ Standard X Not possible

* Assumption: Log length 33 cm and typical average log diameter (see performance chart for each machine)

Drive types

 Electric motor  Tractor PTO shaft  Hybrid drive  Petrol/Diesel

SpaltFix m		SpaltFix L		
K-540 MULTI	K-540 Multi mobil	K-700 VARIO	K-700 Vario mobil	K-710 A-VARIO
				
10 – 55	10 – 55	10 – 70	10 – 70	10 – 70
6	5	6	4	6
5,000 – 15,000	5,000 – 15,000	5,000 – 15,000	5,000 – 15,000	5,000 – 15,000
28	28	33	33	33
45	45	65	65	65
Stationary	Mobile	Stationary	Mobile	Stationary
				PowerCut  AutoSplit 
X	Tractor chassis Tractor chassis 25 km/h Tractor chassis 40 km/h Lorry chassis 80 km/h	X	tractor chassis 40 km/h lorry chassis 80 km/h	X
Chainsaw/SuperCut	Chainsaw/SuperCut	Chainsaw/SuperCut	Chainsaw/SuperCut	Chainsaw/SuperCut
✓	✓	✓	✓	✓
MULTI	MULTI	VARIO	VARIO	VARIO
manual	manual	manual	manual	Automatic
2 / 3	X	X	X	X
4 / 6	4 / 6	X	4 / 5 / 6	X
X	X	FSX 2 / 4 / 5 / 6 / 8	X	FSX 2 / 4 / 5 / 6 / 8

Stages of the production chain

Feeding

Cross conveyor
Separator
Longitudinal conveyors

1

Sawing
Splitting

SpaltFix systems

2,3

Conveying

Conveyor belt
support further

Storage area
Customer-side option

4

Cleaning

Chip extraction unit, cyclone

LogFix
sift, cleaning

5

Packaging

Trailers, boxes, containers
remove

PackFix
fill, wrap, dry

LogPack
collect & packaging

6

Drying chamber
Customer-side option

Trailers, boxes, containers
is being removed
Customer-side option



AutoFeed



in action!

Firewood processors / SpaltFix Overview of possible log qualities

				Log diameter																
Log size		Typical min. – Max. processing diameter [cm] Log length L		Splitting system	Splitting blade	10	15	20	25	30	35	40	45	50	55	60	65	70		

Conveying

		FBX conveyor belts	FSX conveyor belts	
				
Length in metres		4 / 5	2	4 / 5
Ejection height min. – max. m		1.0 – 2.7 / 1.1 – 3.3	1.3	1.4 – 3 / 1.7 – 3.7
Drive types		 		 
Belt width (mm)		300	550	550
Manual conveyor belt incline adjustment		continuously variable with a hand-operated winch	X	continuously variable with a hand-operated winch
Hydraulic conveyor belt incline adjustment		X	X	O
Manual conveyor belt swivel		X	✓	✓
Hydraulic conveyor belt swivel		X	X	O
Can be combined with the following machines:				
Manual saw	Tilting saw with Conveyor belt	O	X	O
Semi-automatic saw	EasyCut	O	X	O
Fully automatic saw	SmartCut	O	X	O
	AutoCut	O	X	O
Kindling and firewood machines	AutoLogger 420	O	O	O
	AutoSplit 250	O	O	O
	AutoSplit 375	O	O	O
SpaltFix S	S-376	X	X	O
	S-376 mobile	X	X	O
	S-415 MULTI	X	X	O
SpaltFix m	S-500 VARIO PLUS	X	O	O
	K-540 MULTI	X	X	O
	K-540 Multi mobil	X	X	O
SpaltFix L	K-700 VARIO	X	O	O
	K-700 Vario mobil	X	X	O
	K-710 A-VARIO	X	O	O
The conveyor belts are suitable for feeding the following machines:				
Cleaning	LogCleaner	O	X	X
	LogFix			
	LogFix 15	O	X	X
	LogFix 30	O	X	O
	LogFix 60	O	X	O
Packaging	PackFix Hydro			
	PackFix Hydro Stationary	O	X	O
	PackFix Hydro mobile	O	X	O
	PackFix Hydro Swivel Table	O	X	O
	LogPack			
	LogPack line	O	X	O
	LogPack circle	O	X	O
Miscellaneous	Customer-side conveyor system	O	O	O

O cutting possible ✓ Standard X Not possible

Cleaning

	LogCleaner	LogFix 15	LogFix 30	LogFix 60
				
Cleaning performance (srm/h)	25	15	30	60
Filling via a conveyor belt	✓	✓	✓	✓
Filling hopper, mm, for shovel feeding	X	X	0 2,400 x 2,400	✓ 2,800 x 3,000
Filling height m	1.8 – 2.4	1.55 – 2.85	1.2 – 2.7 1.7 – 3.4 (with Option T)	2.5
Transfer height (m)	2.3 – 3.0	0.74 – 2.0	0.74 – 2.0	2.14
Swivelling conveyor belt m	X	X	3 / 5	X
Manual conveyor belt swivel	X	X	✓	X
Hydraulic conveyor belt swivel	X	X	0 20° left/right	X
Drive types	-	⚡ ⚙️	⚡	⚡ ⚙️
Radio remote control	X	0	0	0
Collection tray for shavings	BigBag	BigBag, Container, FBX conveyor belt	BigBag, Container, FBX conveyor belt	BigBag, Container, FBX conveyor belt

Can be combined with the following machines:

Conveyor belts	FBX	0	0	0	0
	FSX	X	X	0	0
Manual saw	Tilting saw with Conveyor belt	0	0	0	0
Semi-automatic saw	EasyCut	0	0	0	0
Fully automatic saw	SmartCut	0	0	0	0
	AutoCut	0	0	0	0
Kindling and fire- wood machines	AutoLogger 420	0	0	0	0
	AutoSplit 250	X	X	0	0
	AutoSplit 375	0	0	0	0
SpaltFix S	S-376	0	0	0	0
	S-376 mobile	0	0	0	0
	S-415 MULTI	X	X	0	0
SpaltFix m	S-500 VARIO PLUS	X	X	0	0
	K-540 MULTI	X	X	0	0
	K-540 Multi mobil	X	X	0	0
SpaltFix L	K-700 VARIO	X	X	0	0
	K-700 Vario mobil	X	X	0	0
	K-710 A-VARIO	X	X	0	0

LogCleaner and LogFix are suitable for feeding the following machines:

Packaging	PackFix Hydro				
	PackFix Hydro Stationary	0	0	0	X
	PackFix Hydro mobile	0	0	0	X
	PackFix Hydro Swivel Table	0	0	0	X
	LogPack				
	LogPack line	X	0	0	X
	LogPack circle	X	0	0	X

0 cutting possible ✓ Standard X Not possible

Packaging

		LogPack circle	LogPack line
			
Log length max. cm		50	50
Feeding option		Conveyor belt	Conveyor belt
Packaging options: mesh bag / cardboard box		O	O
Optional packaging stations, max.		3	4
Drive types		⚡	⚡
Can be combined with the following machines:			
Cleaning	LogCleaner	O	O
	LogFix 15	O	O
	LogFix 30	O	O
	LogFix 60	X	X
Conveyor belts	FBX	O	O
	FSX	O	O
Manual saw	Tilting saw with Conveyor belt	O	O
Semi-automatic saw	EasyCut	O	O
Fully automatic saw	SmartCut	O	O
	AutoCut	O	O
Kindling and firewood machines	AutoLogger 420 *	O	O
	AutoSplit 250 *	O	O
	AutoSplit 375 *	O	O
SpaltFix S	S-376	O	O
	S-376 mobile	O	O
	S-415 MULTI	O	O
SpaltFix m	S-500 VARIO PLUS	O	O
	K-540 MULTI	X	X
	K-540 Multi mobil	X	X
SpaltFix L	K-700 VARIO	X	X
	K-700 Vario mobil	X	X
	K-710 A-VARIO	X	X

O cutting possible ✓ Standard X Not possible * Optional conveyor belt required

Packaging

		PackFix Hydro Stationary	PackFix Hydro mobile	PackFix Hydro Swivel Table
				
Log length max. cm		50	50	50
Stationary / mobile operation		Stationary	Mobile	Stationary
Feeding option		Conveyor belt	Conveyor belt	Conveyor belt
Filling drum volume srm		1.6	1.6	X
Drive types		   	 	   
hydraulic swivel table, including 2 filling drums		O	X	X
hydraulic swivel table without filling drum		X	X	✓
BigBag filling device		X	X	O
Can be combined with the following machines:				
Cleaning	LogCleaner	O	O	O
	LogFix 15	O	O	O
	LogFix 30	O	O	O
	LogFix 60	X	X	X
Conveyor belts	FBX	O	O	O
	FSX	O	O	O
Manual saw	Tilting saw with ' conveyor belt	O	O	O
Semi-automatic saw	EasyCut	O	O	O
Fully automatic saw	SmartCut	O	O	O
	AutoCut	O	O	O
Kindling and firewood machines	AutoLogger 420 *	O	O	O
	AutoSplit 250 *	X	X	X
	AutoSplit 375 *	O	O	O
SpaltFix S	S-376	O	O	O
	S-376 mobile	O	O	O
	S-415 MULTI	O	O	O
SpaltFix m	S-500 VARIO PLUS	O	O	O
	K-540 MULTI	O	O	O
	K-540 Multi mobil	O	O	O
SpaltFix L	K-700 VARIO	O	O	O
	K-700 Vario mobil	O	O	O
	K-710 A-VARIO	O	O	O

O cutting possible ✓ Standard X Not possible * Optional conveyor belt required

Explanation of approach speeds

▶ V2 Speed

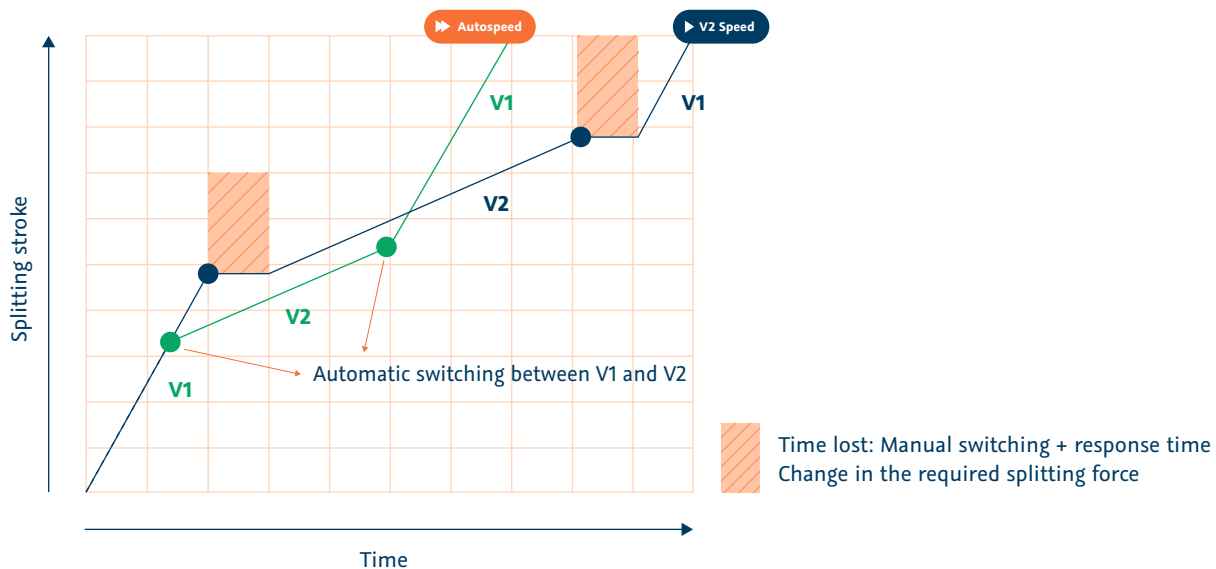
Use the levers on the two-handed control to manually set the optimum splitting speed – depending on the splitting force required.

▶▶ Autospeed

The Autospeed function automatically selects the optimum shearing speed and the required splitting force – much like the automatic gearbox in a car.

▶▶▶ Turbo

On the HydroCombi Turbo model, the two-cylinder system ensures a faster return and double the knife speed. This will help you work more efficiently by saving time and getting things done faster.



Key: Drive types

- ⚡ Electric motor

🚜 Tractor PTO shaft

🚧 Saw: Tractor PTO shaft
conveyor belt: Tractor hydraulics

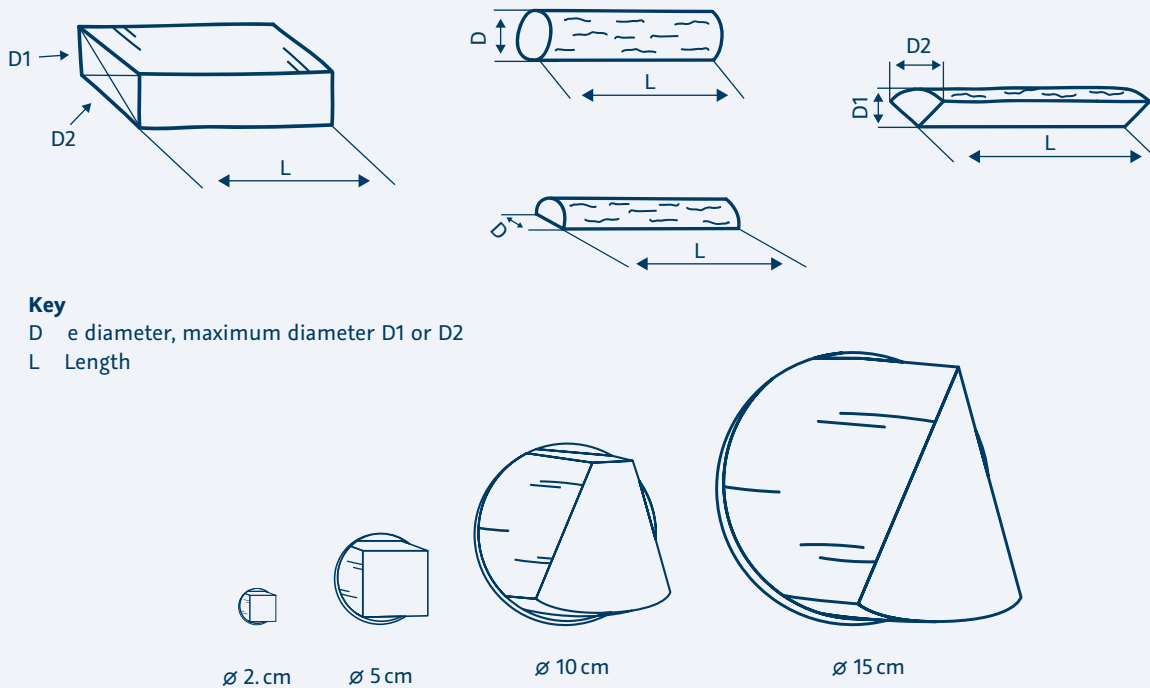
🔌 Hybrid drive

🔥 Petrol/Diesel

Definition of log sizes

Standard requirements

The **ÖNORM EN ISO 17225-5:2021 standard** defines the types of firewood that are suitable for use in stoves – by origin, source, wood type, diameter (size), length and moisture content:



Determining the diameter 'D' of logs

Application of log sizes

Log size	Kindling	Small ovens	Tiled stoves	Wood gasifier	Pizza ovens
D 2	L12 – L25				
D 5					
D 7		L20 – L25	L 33		L 40
D 10					
D 12				L33 – L50	
D 15					
D 20					

Use of logs by size (diameter) 'D' and length 'L'

Overview of Units of Measurement

Conversion of various units of measurement, reference table

	 Solid cubic meter (fm)	 Cubic metre (rm) e (ster)	 cubic metre of bulk material (srm)		
	Round timber	Firewood (metre-long logs)	firewood (short timber)	Logs	Chopping material
1 FMM round timber	1.00	1.40	1.20	2.00	2.50
1 RMM log layered	0.70	1.00	0.85	1.40	1.80
1 RMM log layered	0.85	1.20	1.00	1.67	2.00
1 srm of firewood poured	0.50	0.70	0.60	1.00	1.20
1 srm fine wood chips	0.40	0.55	0.50	0.80	1.00

Unit of measurement	Abbreviation	Applications for	Comments
Solid cubic meter	Solid cubic meter FMM FMO	Sawn timber Special ranges	1 solid cubic meter: that is one cubic metre of pure wood mass
		Long industrial timber with length	usually calculated on the basis of the atro-tonne
cubic metre (Ster)	rm RMM	Firewood Industrial timber (in brief)	1 rm: that is one cubic metre – consisting of timber including the gaps between the pieces
cubic metre	m ³ cbm	Sawn timber	1, m ³ of pure timber volume
cubic metre (loose)	Srm	Wood chips, bark, ready-to-burn firewood, chips	1 cubic metre (wood with gaps)

GOOD TO KNOW

Walter from our service team summarises what is essential for ensuring a long service life for the HydroCombi. You will also find these and other points in the operating instructions.



Before each splitting

Lubricate the guide rail.

The tool guide must always be greased; therefore, the grease nipples must be greased every 10 hours.



Once a year or after 1,000 operating hours

Change the oil and filter.

The used oil must be disposed of in an environmentally responsible manner!



If necessary, check the brass gap gauge guide at.

To do this, move the splitting blade down by 2/3 of the gap travel and then wiggle the splitting blade: If the knife moves horizontally by more than 2 – 3 mm, the guides must be replaced.



Most of our operating instructions and spare parts lists are available to download free of charge online: www.posch.com/etl



If you are looking for a spare part or the operating instructions, your machine's serial number is essential! This is the only way we can ensure that you receive the correct document or that we send you the correct spare part!

WALTER JUD

THE (SERIAL) NUMBER TO SUCCESS

You will find this on your machine's type plate.

Whether you need a spare part or are looking for operating instructions, both our customer service team and our website can help you using the serial number.

The type plate is attached to the green base frame of your machine.



The QR code (from model year 2021 onwards)

Click here to view your operating instructions and spare parts list.

The serial number (from model year 2005 onwards)

The unique, 8-digit machine number – all documents and parts are linked to this number.

Terms and Conditions of Sale and Delivery

I. General

1. These general terms and conditions shall apply unless the contracting parties have expressly agreed otherwise in writing.

II. Conclusion of the Contract

1. The contract shall be deemed to have been concluded once the seller has sent a written order confirmation following receipt of the order.
2. Any amendments or additions to the contract must be confirmed in writing by the seller in order to be valid.
3. The Seller's offers are subject to change; the Seller reserves the right to sell the goods to another party.

III. Plans and documents

1. Technical specifications, illustrations and performance figures are approximate and are not binding.

IV. Packaging

1. All prices are ex works Leibnitz, unpacked and unloaded.

V. Transfer of risks

1. All goods are sold on an 'ex works' basis.
2. Delivery shall be deemed to have been effected once the goods have been handed over to the carrier or freight forwarder. Loading and dispatch are in any case at the risk of the Buyer even if the conditions of delivery are "free to place of receipt" or "free recipient".

VI. Retrieval

1. Goods ordered on a call-off basis are to be delivered and paid for as a fixed sale upon expiry of the call-off period, without further notice.

VII. Delivery time

1. The delivery period shall commence on the date of the order, provided the buyer does not make any changes to the delivery order.
2. The seller is entitled to make partial or advance deliveries. The Seller reserves the right to modifications even during the time of delivery. In the case of deterioration of the credit standing of the Buyer, the Seller shall be entitled to rescind the contract in part or in full.
3. If, after a legally binding order has been placed, the buyer withdraws from the purchase – for whatever reason – the seller shall be entitled to claim a cancellation fee of 10% of the sale price for mass-produced goods; in the case of bespoke items, the seller shall also be entitled to claim reimbursement of the manufacturing costs incurred, in which case any parts already in production shall be made available to the buyer.
4. If the seller is at fault for a delay in delivery (see Clause XI), the buyer may either demand performance or, after setting a reasonable grace period, withdraw from the contract. The notice of cancellation of the contract shall in any case be made by registered mail addressed to the Seller. In this case, the Buyer shall be entitled to reclaim the full amount of any down payments made, but without claiming any interest.

VIII. Prize

1. All prices are subject to change and are quoted 'ex works' from the seller's premises; where delivery to the customer's premises has been agreed, the prices do not include unloading or further transport.

2. All prices quoted are based on the costs at the time the price was quoted. Changes in costs occurring up to the time of delivery shall be credited to or be borne by the Buyer.

IX. Payment

1. All payments must be made to the seller exclusively in accordance with the agreed terms of payment.
2. The buyer is not entitled to withhold payments on the grounds of warranty claims or other counter-claims not recognised by the seller.
3. If the buyer defaults on agreed payments, the seller may:
 - a) postpone the fulfilment of his own contractual obligations
 - b) resort to an extension of the delivery time;
 - c) accelerate the due time of the unpaid part of the purchase price, and
 - d) charge interest on payments in arrears as from the due date or cancel the contract after an appropriate period of grace.
4. The seller reserves title to the goods until the buyer has fulfilled all agreed payment obligations in full. In case of seizure or other use, the Buyer is obliged to assert the Seller's title accordingly and to inform the latter without delay.
5. If the payment deadline is exceeded, bank interest on arrears at a rate of p.a. shall be charged for each month or part thereof.
6. In the event of late payment, all reminder and debt collection charges shall be borne by the buyer.
7. In the event of late payment, any discounts granted shall be deemed to have lapsed.

X. Warranty

1. Provided that the buyer is a trader within the meaning of the Austrian Commercial Code (UGB), the seller shall, in accordance with the following provisions, guarantee the buyer that the goods supplied are fit for purpose and of sound construction, and shall be liable for any defects that arise within a period of 12 months following delivery. If the Buyer is a consumer as defined by the Consumer Protection Act, the guarantee period shall be 24 months. The Buyer shall give written notice of warranty claims within 8 days upon receipt. The inspection report of the factory shall be decisive proof of the defects. It is expressly agreed that the Seller is liable to the Buyer only for replacement or maintenance of the defective goods (parts). The Buyer shall not be entitled to cancellation or reduction of the purchase price. Claims for compensation shall only arise from serious fault on the part of the manufacturer, but not for consequential damage or other collateral damage and indirect damage.
The Seller may:
 - a) repair the defective goods on the spot,
 - b) have the defective goods or defective parts returned carriage paid to its works for repair;
 - c) replace the defective parts. Goods or partial deliveries may only be returned after the Seller's approval with regard to repair or replacement has been obtained. The repair of defects through the Seller shall have no effect on the warranty period.
2. The seller shall accept returns of defective goods or parts, following replacement or repair, from the buyer on a carriage forward basis.
3. The buyer is not entitled to claim reimbursement from the seller for any costs incurred in rectifying a defect themselves.

4. With regard to those parts of the goods which the seller has sourced from a subcontractor, the seller shall only be liable to the extent of the warranty claims to which it is itself entitled against the subcontractor.

5. The seller cannot be held liable by the buyer for any damage resulting from the removal or alteration of the protective devices supplied.

XI. Grounds for discharge

1. The seller may invoke grounds for exemption if, following the conclusion of the contract of sale, unemployment, damage caused by natural disasters, mobilisation, confiscation, an embargo, a strike or events of force majeure occur.
2. Furthermore, any failure to supply coal, oil, electricity or raw materials, which makes delivery significantly more difficult or impossible for the seller, shall entitle the seller to suspend delivery for the duration of the hindrance and a reasonable start-up period, or to withdraw from the contract in respect of those parts that cannot be fulfilled.

XII. Choice of Law and Jurisdiction

1. The place of jurisdiction for all disputes, including claims relating to bills of exchange and cheques, is Leibnitz. However, the Seller may also have recourse to another court. Austrian law applies to the express exclusion of the provisions of the UN Sale Convention.
2. Every contract of sale is governed by the law of the seller's country.
3. The place of performance for delivery and payment shall be the seller's registered office, even if, as agreed, the goods are handed over at a different location.

XIII. Reduction by more than half

1. Both contracting parties agree that the transaction may not be set aside on the grounds that the price has been reduced by more than half.

XIV. Delivery abroad

1. Machinery must not be sold abroad without the seller's consent.
Please note: If individual parts supplied as standard (safety devices, V-pulleys, etc.) are returned, only 50% of the spare part prices can be credited. When machines and spare parts are exchanged, the return delivery must be freight cost paid. Custom-made products cannot be returned.

XV. Liability under the Product Liability Act

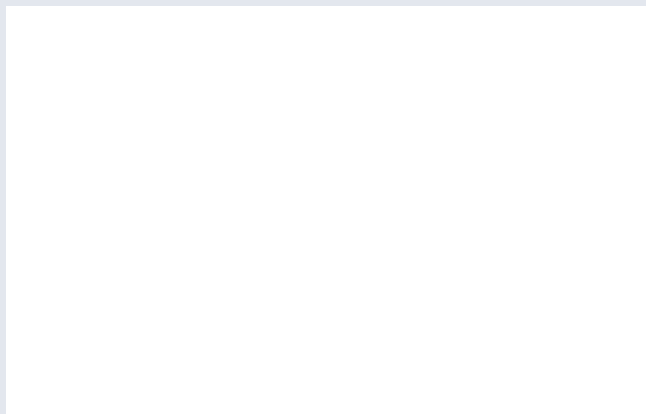
The Buyer expressly waives claims for damages for property damage suffered by him in the scope of his company.

If the Buyer sells the object of the contract to a third company, he agrees to impose the above-mentioned waiver in accordance with §9 Product Liability Act on the other entrepreneur.

If he fails to impose this obligation on him, the Buyer agrees to indemnify and hold harmless the Seller and to reimburse him for all costs incurred in connection with no-fault liability. If the Buyer himself is made liable in the scope of the Product Liability Act, he waives the right of recourse vis-à-vis the Seller.



Your local POSCH partner:



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