

ENGLISH EDITION



NEWS MAGAZINE

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N° 03

Read everything you need
to know about the new
POSCH firewood processing
products.

www.posch.com





PÜSCH[®]
WAHRE KRAFT FÜR
WAHRE LEISTUNG.

What you can expect



6

SPALTFIX S-376

The classic among firewood processors – now even safer to operate & more productive.



18

SPALTFIX K-700 VARIO MOBIL

Now for logs with a diameter of up to 70 cm – with swivelling cabin!



24

AUTOFEED 70 FOR SPALTFIX K-710 A-VARIO

Feed up to 17 logs fully automatically. After that, the machine cuts, splits, cleans and loads.



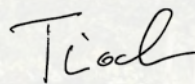
Curtains up: Our SpaltFix episode enters its next round!

In the early 1980s, the first machines able to cut AND split revolutionised the firewood business. Roughly 40 years later (2017), we have initiated a new era in firewood processing with our mobile SpaltFix K-650 Vario. Now, firewood producers were able to produce square billets independently & directly at their customer's premises. Meanwhile, we continued to evaluate, incorporate customer feedback and improved our machine(s).
The time had come to think even bigger.

**SPOTS ON. DREAM BIG.
WITH US!**

Driven by this motto, we are proud to present two new firewood processors: With higher speeds, an increased processing diameter and more options. This is complemented by our new, fully automated feed system called AutoFeed, able to perform at the highest levels in combination with our SpaltFix K-710.

Read more about this in our NEWS magazine.

The logo for Tioch, featuring the word "Tioch" in a stylized, handwritten script font.

Petra & Johann Tinnacher
Managing Directors



SPALTFIX S-376

NEW. MORE INNOVATIVE. MORE DURABLE.

SpaltFix S-375, an “old hand” among firewood processors, is being used all over the world. Its durable successor comes with innovative features.

SWIVELLING CONVEYOR BELT

For simple loading of trailers and/or BigBags. The belt itself is equipped with an automated centering system

100% POWDER-COATED

protects the machine from the weather and is much more resistant to scratches than paint

PROTECTIVE WINDOW

made of polycarbonate. UV-stabilised & anti-static – for long service life

SIMPLE WEDGE CHANGE

Up to 8 billets per log section

FRAME KNIFE

Hydraulically adjustable at any time

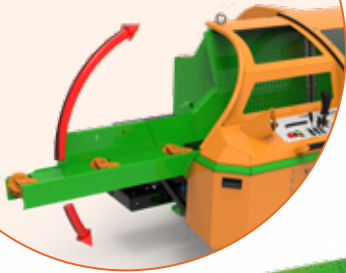
EFFICIENT SPLITTING

Thanks to inclined splitting channel, billets don't get jammed as easily, splitting stroke optimisation saves time

BILLET LENGTHS OF UP TO 50 CM

With a single motion and entirely tool-less

Optional
**HEIGHT-ADJUSTABLE
ROLLER CONVEYOR**
for even better feed



SMART DISPLAY
e.g. pressure, temperature and hour counter display – incl. standard “SawControl” (prevents over-stressing the saw)



LOG Ø
up to 37 cm



BILLET LENGTH
max. 50 cm



SPLITTING WEDGE
max. 8 billets



SPLITTING POWER
12 t

The highlights at a glance

INCL. SAW CONTROL
Automated saw blade speed monitoring to prevent the saw from being overstressed.



PREMIUM COMPONENTS

The firewood processor is 100% powder-coated. Its cast pump (formerly aluminium) and the stronger gearbox promise and even longer service life.



SIMPLIFIED MAINTENANCE

On this model, the valves are electrically controlled, which eliminates the need to replace mechanical wear parts. Additionally, the service area can be accessed without using tools: Saw blades and v-belts can thus be changed quickly and easily.



EVERYTHING WITHIN VIEW

The touch-sensitive display (touch encoder) indicates pressure, temperature and hour counter as well as wood volume for ease of maintenance and to make and call up settings. Additionally, you can charge your mobile phone at its USB connection.



SMARTER WORK

Wood is fed via an inclined splitting channel which guarantees high operational safety when feeding wood into the splitting channel.

The frame wedge can be quickly & easily adjusted hydraulically. An automated splitting wedge adjustment system incl. wood volume calculation system is available as an option.



INCREASED PRODUCTIVITY

You set the desired billet length yourself – with a single motion and entirely tool-less. The splitting stroke can also be shortened: This saves time as the cylinder no longer fully extends. This allows you to produce 25% more at billet lengths of up to 33 cm.

SpaltFix S-376

The powerful firewood processor with joystick control.

- **Log diameter** 7 – 37 cm
- **Billet length** 20/25/30/33/35/40/45/50 cm (adjustable without tools)
- **WIDIA saw blade** ø 90 cm
- **Frame wedge** 4-way as standard, hydraulically adjustable, (6-way or 8-way optional)
- **Max. number of billets per cycle** 8
- **Splitting force** 12 t
- **Hydraulic log feed** with 2-m-long feed belt
- **Hydraulic saw advance** with automatic stop lifting and downholding function
- **Advance/return speed max.** 47/42 cm/s with Autospeed
- **Touch-Encoder:** Displays pressure, temperature, hour counter, wood volume and more
- **Chip extraction connection** ø 15 cm
- **OPTIONAL** OnlyCut function, and more

SpaltFix S-376

Fully-automatic split cutter with compact, powerful and sturdy design.
The 4-m angled conveyor belt (Item no. KF4) is standard equipment.

! Special

Article no.	Type	Drive	Max. punching speed cm/s		Splitting force t	Weight kg
			Supply step 1/2	return speed		
M4030KF4	Z ¹	Tractor PTO shaft: power consumption 27 kW, PTO shaft speed 480 rpm, 3-pin 12V power socket required	22 / 47	42	12	~ 1,700
M4032KF4	E22 ² 3x400V, 50 Hz	E-drive: 22 kW e-motor 400V, S6, CEE 32A, three-point linkage cat. II	22 / 47	42	12	~ 1,820
M4034KF4	ZE22 ^{1,2} 3x400V, 50Hz	Tractor PTO shaft: power consumption 27 kW, PTO shaft speed 480 rpm, 3-pin 12V power socket required E-drive: 22 kW e-motor 400V, S6, CEE 32A, three-point linkage cat. II	22 / 47	42	12	~ 1,850

¹ Tractor drive: Universal joint shaft required, three-point linkage cat. II

² E-drive: with motor circuit breaker and phase inverter

▶ Autospeed

Autospeed functionality

With the Autospeed function, the unit responds to the necessary splitting pressure and automatically selects the optimum forward speed.

Splitting knife

Different splitting knife variants are available for efficient working.

Article no.	Description	Weight kg
F0004915	4-way frame knife (Ø 0 – 37 cm), standard	~ 69
F0004916	6-way frame knife (Ø 10 – 37 cm)	~ 73
F0004917	8-way frame knife (Ø 17 – 30 cm)	~ 75
F0004926	Only-Cut insert (is inserted in place of the frame knife)	~ 5

Special equipment

Make your work routine easier with a series of useful additional pieces of equipment.

! Special

Article no.	Description
M (SO1470)	Automated splitting wedge adjustment incl. wood volume estimation and sensor-based length measurement in wood stop system (manipulation-safe)
C (SO1471)	Oil cooler recommended for continuous operation (from 4 hours) or use above 30° C outside temperature. Benefit: increased service life of hydraulic components due to lower wear
W1 (SO1472)	Roller conveyor with hydr. height adjustment for even more powerful log feed, especially with crooked logs. Foldable for transport



ROLLER CONVEYOR FOR CROOKED LOGS

For crooked logs, the feed height can be adjusted hydraulically.

Item no. W1 (SO1472)



SWIVELLING CONVEYOR BELT

For simplified loading of hangers and/or BigBags.

Item no. S (SO1473)



AUTOMATED SPLITTING WEDGE ADJUSTMENT INCL. WOOD VOLUME CALCULATION

Our downholder measures the log diameter which makes the splitting wedge automatically adjust to the correct height so that the wood is split perfectly along the centre. Additionally it estimates the wood volume.

Item no. M (SO1470)

Spare parts

Original POSCH spare parts convince with their accuracy of fit, maximum quality and safety.

Article no.	Description
F0004859	WIDIA log saw blade Ø 90 cm, 96 teeth, 40 mm bore, 6 mm thick
F0002767	2-m feed belt
F0002780	Splitter guide kit
F0004927	Aluminium insert kit
F0004928	Mesh flap for conveyor joint area

Accessory equipment

Handy accessory equipment for more power and convenience for wood processing.

Article no.	Description	Weight kg
F0004930	Spacer plate 1.5 cm made of plastic to set intermediate lengths (e.g. inches), for standard lengths - 1.5 cm	~ 1
F0003458	Extension for feed through a roller, 100 cm (not possible for option W1)	~ 22
F0002942	Log support system with lifting device for max. 2 m wood length and max. log ø 30 cm	~ 140
F0004931	Conveyor belt screen with splinter chute	~ 25
F0004932	Clip-on light unit - necessary for road transport! SpaltFix covers the rear tractor lighting	~ 3
F0004069	Reducing ring from Ø 15 cm to Ø 10 cm for the chip extraction connector, matching SpaltFix S-375/376	~ 1
F0001898	230-V tank heater, required when operating at ambient temperatures below 0° C. Benefit: Improved start-up and significantly lower wear of hydraulic system	~ 5
Z2000649	Walterscheid W-Line joint shaft for tractor chassis	~ 16
F0004925	Splitting knife change system	~ 50



PRACTICAL INFEEED EXTENSION

The infeed extension with roller enables logs to be processed without a feed system.

Artikel-Nr. F0003458



LIFTING LOGS EFFORTLESSLY

The lifting device lifts the logs effortlessly onto the log support system.

Artikel-Nr. F0002942



FOR CLEAN FIREWOOD

The optional conveyor belt screen separates dirt and chips from your firewood. This improves the quality of your billets and provides your customers with a clean product. If needed the collected chips can be used as kindling.

Artikel-Nr. F0004931

Do you need more information?

Get in touch with your POSCH representative: www.posch.com/en/distributor-search/



SIMPLE SPLITTING KNIFE CHANGE

The splitting knife changing device makes it possible to effortlessly replacement of the splitting knife. You can store a second splitting knife in the holding device.

Artikel-Nr. F0004925

Conveyor belts

Select the right conveyor belt length. The 4-m angled conveyor belt (KF4) is standard equipment.

! Special

Article no.	Description	Ejection height in m	Weight kg
F0 (SO1074)	Price reduction for hydraulic conveyor belt drive (valve block and hydraulic hoses), without conveyor belt The incomplete machine may not be put into service without a conveyor belt as a separating means to the splitting area according to EN ISO 13857-1!	-	- 200
F15 (SO1062)	Price reduction for single-part discharge belt 1.5 m, hydraulic drive	1.0	- 100
KF4 (SO1063)	4-m angled conveyor belt, hydraulic drive, standard	1.5 – 2.5	-
KF5 (SO1064)	Surcharge for 5-m angled conveyor belt, hydraulic drive	2.0 – 3.0	~ 80
S (SO1473)	Hydraulically operated rotating conveyor belt +/-12° (KF4 +/- 0.7 m, KF5 +/- 0.9 m) Functional for all billet lengths	-	~ 70

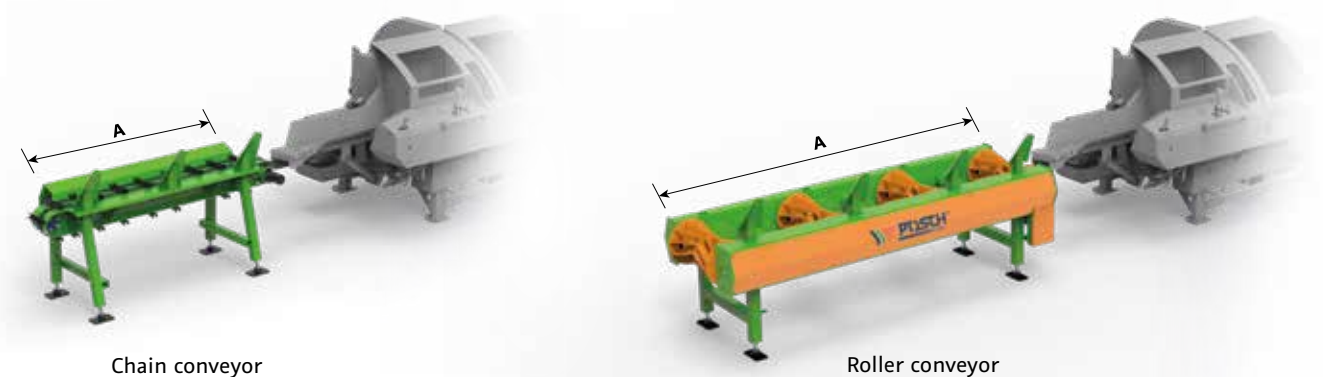
Log charging

Longitudinal conveyor

Depending on log length, you can choose various versions. The hydraulic drive is provided by the SpaltFix firewood processor. The maximum log length depends on the chosen cross conveyor.

! Special

Article no.	Description	log length max. m	A m	Weight kg
F0002227E	Hydraulic chain conveyor 2 m, min. log length 0.5 m	0.5 – 2.5	2	~ 250
F0002228E	Hydraulic chain conveyor 3 m, min. log length 0.5 m	0.5 – 4.0	3	~ 300
F0002229E	Hydraulic chain conveyor 4 m, min. log length 0.5 m	0.5 – 5.0	4	~ 440
F0002594	Hydraulic roller conveyor 3 m, min. log length 1.5 m	1.5 – 4.0	3	~ 764
F0002334	Hydraulic roller conveyor 4 m, min. log length 1.5 m	1.5 – 5.0	4	~ 947



Chain conveyor

Roller conveyor

Cross conveyor suitable for roller conveyor

Match the roller conveyor you have selected with the right cross conveyor.

The hydraulics is driven by the firewood processor SpaltFix.

! Special

Article no.	Description	log length max. m	B m	C m	Number of chains	Weight kg
F0002141	Cross conveyor 3 m – 3 strands with 2.2 m each, suitable for longitudinal log conveyor 4 m, for log lengths of 1.5 – 4.0 m. Max. load 2.6 m ³ or 1.5 t / m	1.5 – 4.0	2.2	1.4/1.4	3	~ 780
F0002166	Cross conveyor 3 m – 3 strands with 3.2 m each, suitable for longitudinal log conveyor 4 m, for log lengths of 1.5 – 4.0 m. Max. load 3.8 m ³ or 1.5 t / m	1.5 – 4.0	3.2	1.4/1.4	3	~ 1371
F0002167	Cross conveyor 3 m – 3 strands with 4.2 m each, suitable for longitudinal log conveyor 4 m, for log lengths of 1.5 – 4 m. Max. load 5 m ³ or 1.5 t / m	1.5 – 4.0	4.2	1.4/1.4	3	~ 1593

DID YOU KNOW...

Who develops POSCH products and where?



Directly in the factory in Leibnitz. In our Product Development Department. Together with his team Erwin Reiter (centre) develops our entire product range and works on innovations that make our customers' daily life easier.

Produced in
Austria

Conveying system

Correct log supply is critical when it comes to efficient procedures when processing firewood. Depending on log length, you can choose various versions. Please note the max. loading quantities – it's independent of the number of chain strands.

! Special

Article no.	Description	max. log length m	A m	B m	C m	Number of chain strands	Weight kg
F0002257E	Chain conveyor 2 m + cross conveyor 2.2 m, for log lengths of 1.7 - 2.5 m. Max. load 2.6 m ³ or 1.5 t / m	1.7 – 2.5	2	2.2	1.55	2	~ 525
F0002259E	Chain conveyor 2 m + cross conveyor 2.2 m, for log lengths of 1.0 - 2.5 m. Max. load 2.6 m ³ or 1.5 t / m	1.0 – 2.5	2	2.2	0.78/0.78	3	~ 740
F0002260E	Chain conveyor 2 m + cross conveyor 3.2 m, for log lengths of 1.0 - 2.5 m. Max. load 3.8 m ³ or 1.5 t / m	1.0 – 2.5	2	3.2	0.78/0.78	3	~ 735
F0002258E	Chain conveyor 2 m + cross conveyor 3.2 m, for log lengths of 1.7 - 2.5 m. Max. load 3.8 m ³ or 1.5 t / m	1.7 – 2.5	2	3.2	1.55	2	~ 600
F0002235E	Chain conveyor 2 m + cross conveyor 4.2 m, for log lengths of 1.7 - 2.5 m. Max. load 5 m ³ or 1.5 t / m	1.7 – 2.5	2	4.2	1.55	2	~ 695
F0002261E	Chain conveyor 2 m + cross conveyor 4.2 m, for log lengths of 1.0 - 2.5 m. Max. load 5 m ³ or 1.5 t / m	1.0 – 2.5	2	4.2	0.78/0.78	3	~ 885
F0002225E	Chain conveyor 3 m + cross conveyor 2.2 m, for log lengths of 1.5 - 3.5 m. Max. load 2.6 m ³ or 1.5 t / m	1.5 – 3.5	3	2.2	1.2/1.2	3	~ 810
F0002236E	Chain conveyor 3 m + cross conveyor 3.2 m, for log lengths of 1.5 - 3.5 m. Max. load 3.8 m ³ or 1.5 t / m	1.5 – 3.5	3	3.2	1.2/1.2	3	~ 910
F0002262E	Chain conveyor 3 m + cross conveyor 4.2 m, for log lengths of 1.5 - 3.5 m. Max. load 5 m ³ or 1.5 t / m	1.5 – 3.5	3	4.2	1.2/1.2	3	~ 1,080
F0002238E	Chain conveyor 4 m + cross conveyor 2.2 m for log lengths from 1.5 - 5.0 m. Max. load 2.6 m ³ or 1.5 t/m	1.5 – 5.0	4	2.2	1.2/1.2/1.2	4	~ 1,020
F0002263E	Chain conveyor 4 m + cross conveyor 3.2 m, for log lengths of 1.5 - 5.0 m. Max. load 3.8 m ³ or 1.5 t / m	1.5 – 5.0	4	3.2	1.2/1.2/1.2	4	~ 1,150
F0002264E	Chain conveyor 4 m + cross conveyor 4.2 m, for log lengths of 1.5 - 5.0 m. Max. load 5 m ³ or 6 t / m	1.5 – 5.0	4	4.2	1.2/1.2/1.2	4	~ 1,350
B (SO1144)	Installation of the cross conveyor on the operator's side						~ 1

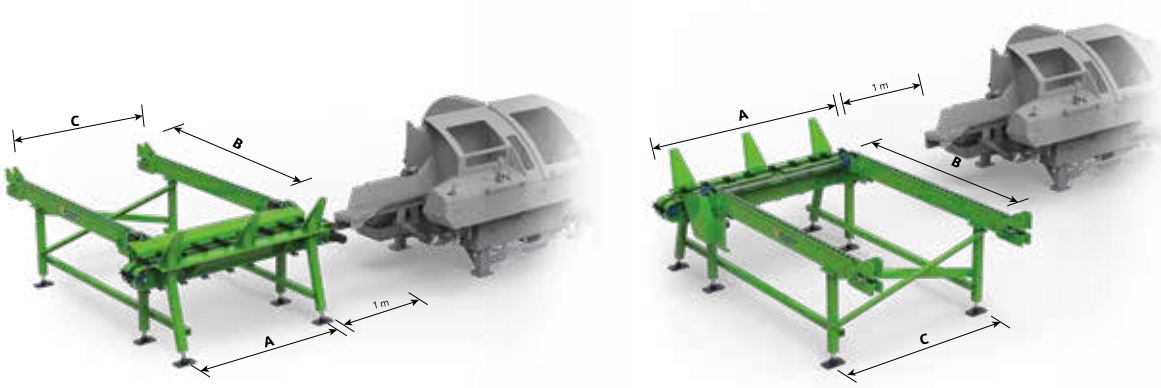
Transportable conveying system

Depending on log length, you can choose various versions. The hydraulic drive is provided by the SpaltFix firewood processor.

! Special

Article no.	Description	log length m	A m	Weight kg
F0002227EDH	Mobile chain conveyor 2 m with master lifting device and three-point hitch, for log lengths of 2 – 2.5 m	2 – 2.5	2	~ 380

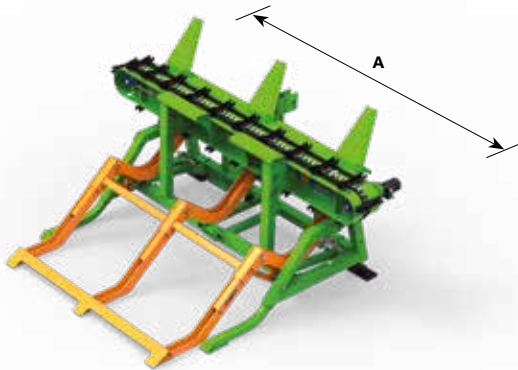
Log feeding conveyor system



Log conveying system

Log conveying system with installation of cross conveyor on the operator's side (option B)

Mobile conveying system



Longitudinal chain conveyor
with log lifter
(Article No. F0002227EDH)

A large, orange-painted metal component, possibly a bucket or a part of a machine, is suspended from a conveyor system in a factory. The component is being painted by a spray gun, which is visible on the right side of the frame. The background shows a blurred industrial setting with other parts and machinery. The text "Behind the scenes!" is written in a cursive font in the upper right corner.

Behind the scenes!



From idea or product development to component production to assembly and final inspection:

All steps in the production of our new machines takes place right here on site – OUR COMMITMENT TO QUALITY THAT LASTS GENERATIONS!



SPALTFIX K-700 MOBILE



LOADING



SPALTFIX K-700 VARIO MOBIL **NEW**

**Increased efficiency.
Larger diameters.**



**Ready
to order
in November**



SPALTFIX K-700 VARIO MOBIL

Firewood processor on Tour

The successor to our SpaltFix K-650 Vario turns entire logs with a diameter of up to 70 cm into profitable billets. Including many new features.

SWIVELLING, GLAZED CABIN
Unobstructed view of the cutting process. Includes Bluetooth stereo and hands-free system. Upon request with rooftop air conditioning unit & heater

TURBO PACKAGE (OPTIONAL)
For continuous operation and up to 25% more power

HIGHER PROCESSING DIAMETER
for logs up to Ø 70 cm

LARGER CHAIN OIL TANK
With a capacity of 70 litres

OPTIMISED CHIP EXTRACTION
For more power and a lower noise level

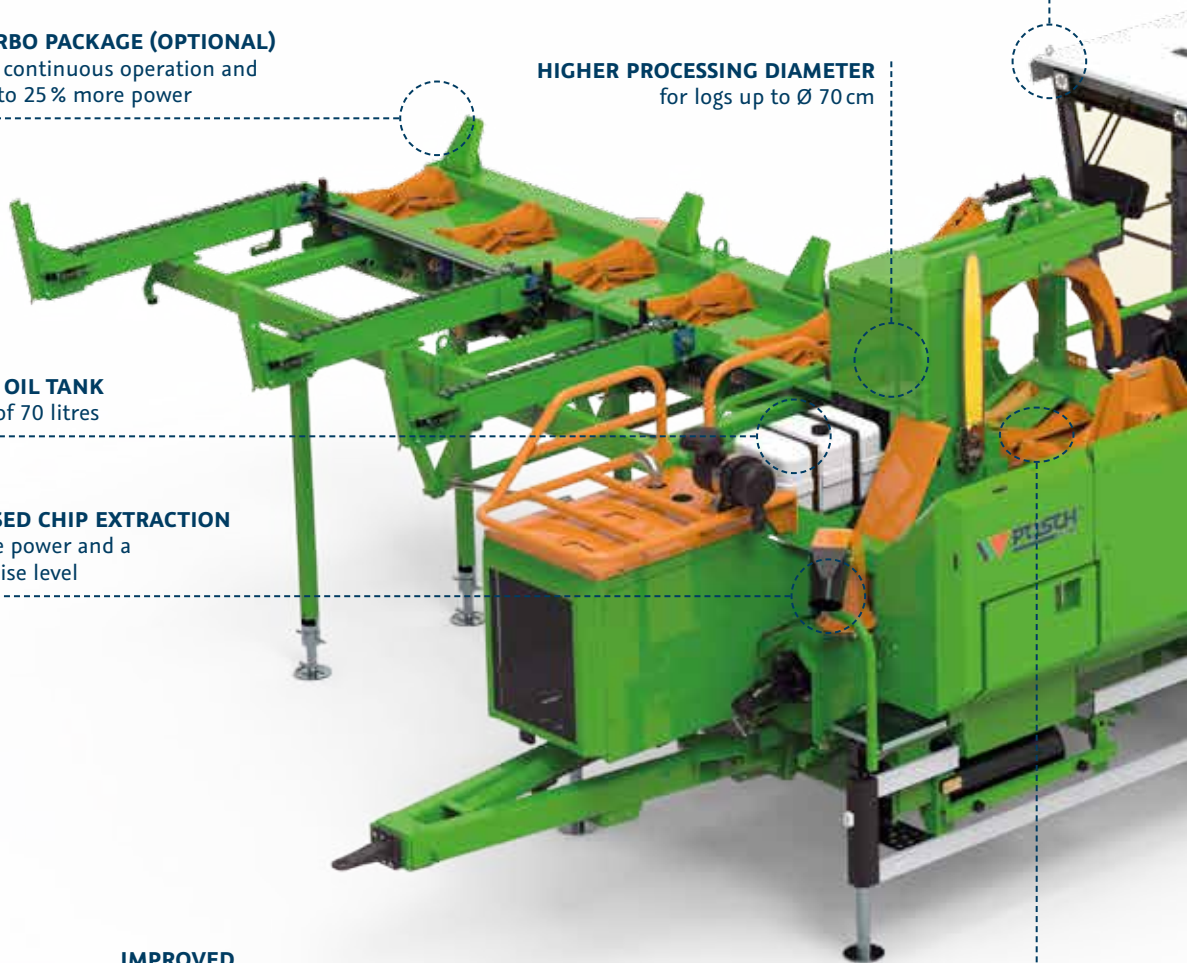
IMPROVED WOOD HOLDING FUNCTION
With even more log holding strength – especially for diameters of 10 – 25

NEW SAWING DEVICE
With a length of 100 cm. Easier chain and blade swap and improved blade life

NEW HYDRAULIC CONCEPT
The large oil cooler guarantees long service life & continuous operation – especially at higher temperatures / combined with the Turbo package

INCREASED OPERATIONAL SAFETY
Thanks to vertical and horizontal wood rocker ventilation

OPTIMISED LOG FEED
with 2 wider feed rollers





FIREWOOD PROCESSING 4.0
Larger display & IIoT link

IMPROVED ACCESS

To drive motors and cutting / splitting unit for ease of maintenance and cleaning

MORE POWER

At identical drive power thanks to optimised hydraulics system

PREMIUM

Central lubrication system (industrial design)

SWIVELLING CONVEYOR BELT

For simple loading of hangers and/or BigBags. The belt itself is equipped with sheet-metal plugs and an automated centring system

VIA RADIO REMOTE CONTROL

the splitting and conveying functions can be started and stopped by an external person

FOR SHORT BILLET LENGTHS

The stop wall on the buffer conveyor can be adjusted in 2 steps. This allows for the wood to be transferred at high operational safety. Additionally, OptiSplit guarantees automated splitting stroke optimisation, allowing you to work even more efficiently



LOG Ø
max. 70 cm



BILLET LENGTH
20 – 50 cm



CHAIN SAW
100 cm



HOURLY OUTPUT
~ 27 loose m³



+ 20% SPLITTING FORCE
19 t

SpaltFix K-700 Vario mobile

The firewood processor for uniform firewood.

Operating cabin

- **Hydraulically rotating** for an ergonomic workplace with a view of the cutting unit
- **New design** for improved 360-degree views, incl. partial glazing
- **OPTIONAL** Full glazing and rooftop air conditioning unit with max. cooling capacity of 7 kW and heating function

PowerCut K-700 cutting unit

- **Log diameter** 10 – 70 cm
- **Billet length** 20/25/30/33/35/40/45/50 cm
- **Hydraulic log feed**
with manipulator and 2 wide feed rollers
- **SuperCut Harvester 100** cutting system
- **Hydraulic log feed** with double gripper and automatic stop ventilation
- **High performance chip extraction system**
- **OnlyCut function**
- **Residual wood discharge**
- **70 litre chain oil tank**
- **Height adjustable feet** to account for irregularities in the ground, base frame optimised for cleaning
- **Oil cooler** standard on saws and splitters, particularly useful in hot ambient temperatures
- **OPTIONAL TURBO** package for 25 % higher performance, and much more.

* The following message appears at the operating station: External stop! The split and conveyor functions can only be re-activated by the external operator. This excludes all dangers to the external operator.

AutoSplit 700 splitting unit

- **VARIO splitting system** with radio remote control to start and stop the splitting & conveyor belt function by an external person*
- **Billet length** 20 – 50 cm (continuously variable)
- **Variable billet edge length** 5 – 15 cm
- **Number of billets max. per log section** ~70
- **Splitting force** 19 t
- **Spring-loaded feed belt** – increases operational safety and reduces splitting forces
- **Oil cooler**
- **OptiSplit** automated splitting stroke adjustment for faster processing
- **Electronic control for increased operational safety**
- **IIoT link** – Firewood processing 4.0 via 7" touch screen
- **Buffer belt** 2 m incl. optical sensor and adjustable stop wall (for short billets)
- **Optical sensor** on the buffer belt
- **VolumeControl** wood volume calculation
- **Automatic central lubrication**
- **OPTIONAL** rotating conveyor belt
- **OPTIONAL TURBO** package for 25 % more power

SpaltFix K-700 Vario mobile configuration example

Cutting & splitting unit	PZG drive via tractor (Item no. M7630KSTW4)	Diesel drive (item no. M7650KSTW4)
Equipment	Rotating cabin (Item no. KS) Tractor chassis max. 10 km/h (Item no. T)	Rotating cabin (Item no. KSD) Tractor chassis max. 80 km/h (Item no. SD)
Conveyor belt	Angled 4-m conveyor belt, rotating as standard (Item no. HKF4)	Angled 6-m conveyor belt, rotating as standard (Item no. HKF6)
Log charging	Roller conveyor (Item no. W4) Cross conveyor (Item no. Q3)	Roller conveyor (Item no. W4) Cross conveyor (Item no. Q3)
Weight	~ 8,750 kg	~ 10,000 kg

Highlights at a glance



Glazed, swivelling & with music

CABIN PARTY

Thanks to our swivelling function you have an unobstructed view of the cutting process and work in a protected environment. Our optional, high-performance rooftop air conditioning unit allows you to stay cool in the summer and keeps you cosy warm in the winter. Music in your ears is provided by our standard Bluetooth stereo incl. USB port and mobile phone holder.



EVEN LESS MALFUNCTIONS & EASIER WORK

Two feed rollers with pronounced teeth transport massive logs with a diameter of up to 70 cm to the saw – especially for crooked logs and residual wood.

Thanks to our new sawing device, chain and blade changes are even easier now, increasing the service life of the blade. Vertical ventilation reduces malfunctions during cutting. The wood gripper has everything under control.



SWIVELLING, DURABLE CONVEYOR BELT

For efficient loading into a BigBag or onto a hanger, we offer an optional rotating conveyor belt. The belt itself is equipped with sheet-metal plugs and an automated centring system.



IMPROVED HIGH-PERFORMANCE CHIP EXTRACTION SYSTEM

Our chip extraction system was optimised in terms of performance and noise.

Turbo package for up to 25% increased performance



LIKE CLOCKWORK

Thanks to our larger chain oil tank (70 litres) you can cut up to 10 days. Additionally, access to drive modules and the splitting unit is easy for simplified cleaning and maintenance. Central lubrication takes place automatically.

**AUTOFEED 70 FOR
SPALTFIX K-710 A-VARIO**

Automatic firewood production at the push of a button



**Fully
automatically
process up to
17 logs in
1.5 hours***

** at max. processing diameter of 70 cm*



AUTOFEED 70 FOR SPALTFIX K-710 A-VARIO

The new feed system

Combined with SpaltFix K-710 a-Vario you can now process up to 17 logs of 70 cm Ø in 90 minutes – fully automatically.

NEW SAWING DEVICE
Easier chain and blade swap and improved blade life

NEW HYDRAULIC CONCEPT
The oil cooler guarantees long service life & continuous operation – especially in higher temperatures

LARGER FRONT FEED
For crooked and smaller logs



SAFE & FUNCTIONAL
The system's maintenance and trouble-free protective grids provide occupational and operational safety – even in rain, snow and fog

USING THE RADIO REMOTE CONTROLL
Automatically produce firewood at the push of a button

FEED
is possible at all times, even in automatic mode. The system simply reverses rapidly, stopping in the correct position

SAFE OPERATION THANKS TO SENSOR MONITORING
Several sensors monitor the automated feed process, log transfer and measurement

ADAPTABLE FRAME
The feet of our AutoFeed and the firewood processor are adjustable (e.g. to compensate for ground irregularities)

INCREASED OPERATIONAL SAFETY

Thanks to vertical and horizontal wood rocker ventilation

IMPROVED WOOD HOLDING FUNCTION

With even more log holding strength – especially for diameters of 10 – 25

Do you need more information?

Get in touch with your POSCH

representative: www.posch.com/en/distributor-search/



FIREWOOD PROCESSING 4.0

Larger display & IIoT link

PREMIUM

Central lubrication system (industrial design)

MORE POWER

At identical drive power thanks to optimised hydraulics system

ACOUSTIC & VISUAL WARNINGS

Every motion is indicated by a warning light and horn



LOG Ø
max. 70 cm



BILLET LENGTH
20 – 50 cm



CHAIN SAW
100 cm



HOURLY OUTPUT
~ 27 loose m³



+ 20 % SPLITTING FORCE
19t

AutoFeed 70

The fully automated feed system for SpaltFix K-710 a-Vario (retrofittable).

AutoFeed log feeding system

- **For fully automated feed** of 12 logs or 17 logs
- **For log diameters of 10 – 70 cm**
- **For log lengths of 2 – 4 m or 2 – 6 m**
- **1 log per segment** for trouble-free operation
- **Adjustable frame feet** to compensate for ground irregularities
- **Drive** via 7.5 kW E-motor with planetary gears
- **2 forward** and return speeds
- **Controls** via radio remote control
- **Feed** via forklift or crane, manual feed possible at all times (even during automatic mode)
- **Maximum safety** thanks to acoustic and optical warnings (every motion is indicated)
- **Sheet metal housing** in the loading area to make cleaning the system easier
- **Retrofittable** on SpaltFix K-710 a-Vario

Scan & learn back!

See AutoFeed
in action!



Highlights at a glance



AT THE PUSH OF A BUTTON

You control all functions comfortably via radio remote control. At the push of a button, you can move the wood from the AutoFeed to the sawing unit or start the sawing and splitting process.



SENSOR MONITORING Several sensors monitor the automated feed process, log transfer and measurement. This guarantees a safe work environment.



SIMPLE LOADING DURING OPERATION

Even during automatic mode, logs can be loaded at any time via forklift or crane – simply and easily. The system simply reverses rapidly, stopping in the correct loading position. Then the system automatically restarts the process.



LOADING AREA HOUSING

A sheet metal housing around the loading area prevents chips and dirt to accumulate underneath. Residual wood can be collected more easily.

SpaltFix K-710 a-Vario

The firewood processor for uniform firewood.

PowerCut K-710 saw unit

- **Log diameter** 10 – 70 cm
- **Billet length** 20 – 50 cm
- **SuperCut Harvester 100** cutting system
- **Autom. log feed** via front feed
- **Accurate length determination** thanks to CutControl
- **Residual wood discharge**
- **Chip extraction connection** \varnothing 20 cm
- **Oil cooler**
- **IIoT connection** – Firewood processing 4.0 via 7" touch screen
- **OnlyCut function**
- **Touch screen** for comfortable use
- **Light curtain** for maximum safety at optimal accessibility
- **Radio remote control** for automated mode and feed
- **TURBO package** optional for 25 % higher performance
- **Fully automatic feeding** possible with **AutoFeed 70**

AutoSplit 700 splitting unit

- **VARIO splitting system** with cable remote control
- **Billet length** 20 – 50 cm (continuously variable)
- **Variable billet edge length** 5 – 15 cm
- **Hourly output** ~ 27 loose m³
- **Number of billets max. per log section** ~ 70
- **Splitting force** 19 t
- **Spring-loaded feed belt** – increases operational safety and reduces splitting forces
- **Oil cooler**
- **Triple conveyor belt connection** for transporting, rotating and tilting (16 l/min, max. 100 bar)
- **OptiSplit** automated splitting stroke adjustment for faster processing
- **Electronic control** for increased operational safety
- **IIoT connection** – Firewood processing 4.0 via 7" Touchscreen
- **Buffer belt** 2 m incl. optical sensor and adjustable stop wall (for short billets)
- **Optical sensor** on the buffer belt
- **VolumeControl** wood volume calculation
- **Automatic central lubrication**
- **TURBO package** optional for 25 % more power

AutoFeed 70 for SpaltFix K-710 a-Vario configuration example

Cutting unit	E-motor (Item no. M7100C)
Splitting unit	E-motor (Item no. M7090)
Equipment	Operator pedestal (Item no. F0004809)
Conveyor belt	5-M conveyor belt (Item no. F0003593)
Log charging	AutoFeed 70, 3 strands of 10 m each, for log lengths 2 – 4 m, (F0004907)
Weight	~ 14,000 kg

Highlights at a glance



CHAIN SAW

Thanks to our new sawing device, chain and blade changes are even easier now, increasing the service life of the blade. Vertical and horizontal ventilation reduces malfunctions during cutting. The wood gripper has everything under control.



OPTICAL MEASUREMENT

Before the cutting process starts, the log is measured (length determination) and can be divided so that nothing is lost or that the log is split into uniform parts.



HOT TEMPERATURES, COOL HYDRAULICS

With oil coolers in both the cutting and the splitting unit, you can continue working around the clock even in high temperatures. The hydraulic system is optimally supplied with fluid and you benefit from long service life.



FIREWOOD PROCESSING 4.0

4.0 A 7-inch display lets you control the AutoSplit comfortably. Thanks to an innovative IIoT link you can upload your system's data to a cloud solution and access it any time. This allows us to perfectly advise you in customer service or perform software updates.



LOTS OF EXTRAS

If the system is set up outside, it can be covered with a roof. Interior lighting makes working on overcast days a breeze.

Do you need more information?

Get in touch with your POSCH representative: www.posch.com/en/distributor-search/

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www.posch.com

POSCH Austria Headquarters & Production

Paul-Anton-Keller-Straße 40
A-8430 Leibnitz

T +43 34 52 / 82954
F +43 34 52 / 82954-53
E leibnitz@posch.com

POSCH Germany Branch office

Preysingallee 19
D-84149 Velden/Vils

T +49 87 42 / 20 81
F +49 87 42 / 20 83
E velden@posch.com

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