



**Firewood processor for
firewood production**



REAL POWER FOR REAL PERFORMANCE.

For 70 years, we have been developing equipment that makes hard work easier. With patented and unique solutions you find nowhere else. Assure yourself of that: You recognise POSCH machines by more power, speed and convenience as compared to other equipment.



The best machines for maximum performance

POSCH is clearly the innovation leader as far as large machinery for firewood processing is concerned. No other product on the market combines maximum know-how, high-quality components and a sturdy design to achieve durability so masterfully.



State-of-the-art production for powerful machines

In order to exhaust all technical possibilities for their products, POSCH uses only state-of-the-art processes for premium-quality manufacturing.

High-quality components for long operating hours

Every machine is as powerful as its individual components. For that reason, we pay particular attention to performance and durability when selecting the components.



Customer proximity creates excellent solutions

As we are in touch with large numbers of users, we are aware of the precise requirements for profitable firewood production. We always try to keep improving machines that have proven successful in everyday work.

Our promise: 20 years spare parts supply guaranteed



qualityaustria
SYSTEMZERTIFIZIERT
ISO 9001:2008 NR. 03621/0
BS OHSAS 18001:2007 NR. 01606/0

Made in
Austria

Efficient cutting & splitting

Firewood processing for professionals

There is no way around Southern Styria as far as investments in a powerful and durable solution for premium firewood are concerned. In Leibnitz, there is one of the most advanced production sites for machinery for firewood processing. The firewood processors made by POSCH fulfil the most exacting requirements world-wide.

More quality through manufacturing competence

POSCH builds each individual machine based on a combination of technical competence and state-of-the-art production processes. Laser cutting systems, CNC cutting and welding robots ensure maximum precision. Our experienced welders, qualified according to DIN, ensure the highest quality of the welded structures every day.



Cutting-edge technology ensures a long service life as standard

Our machines are designed for maximum power, durability and minimum maintenance right from the start. Only the most innovative processes are employed in production. The combination of our excellent solutions always ensures an optimum product quality.

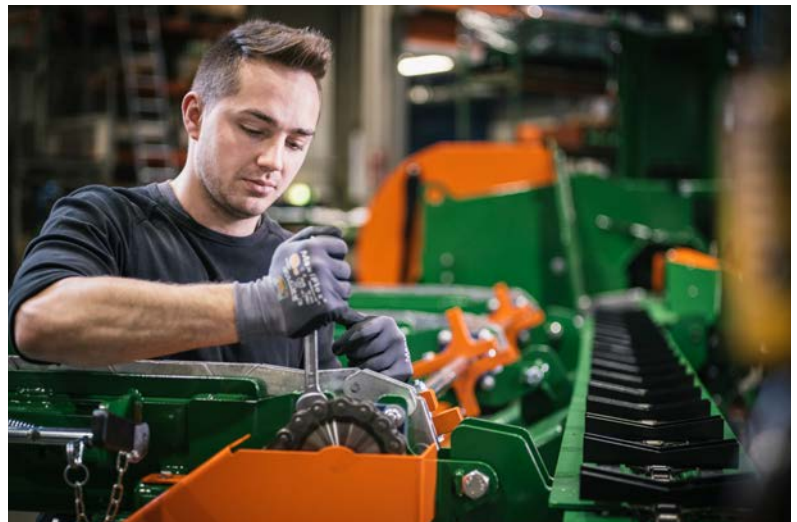


Leibnitz: the birthplace of durability

To ensure the highest production quality, we keep investing in the best processes for manufacturing and in quality control.

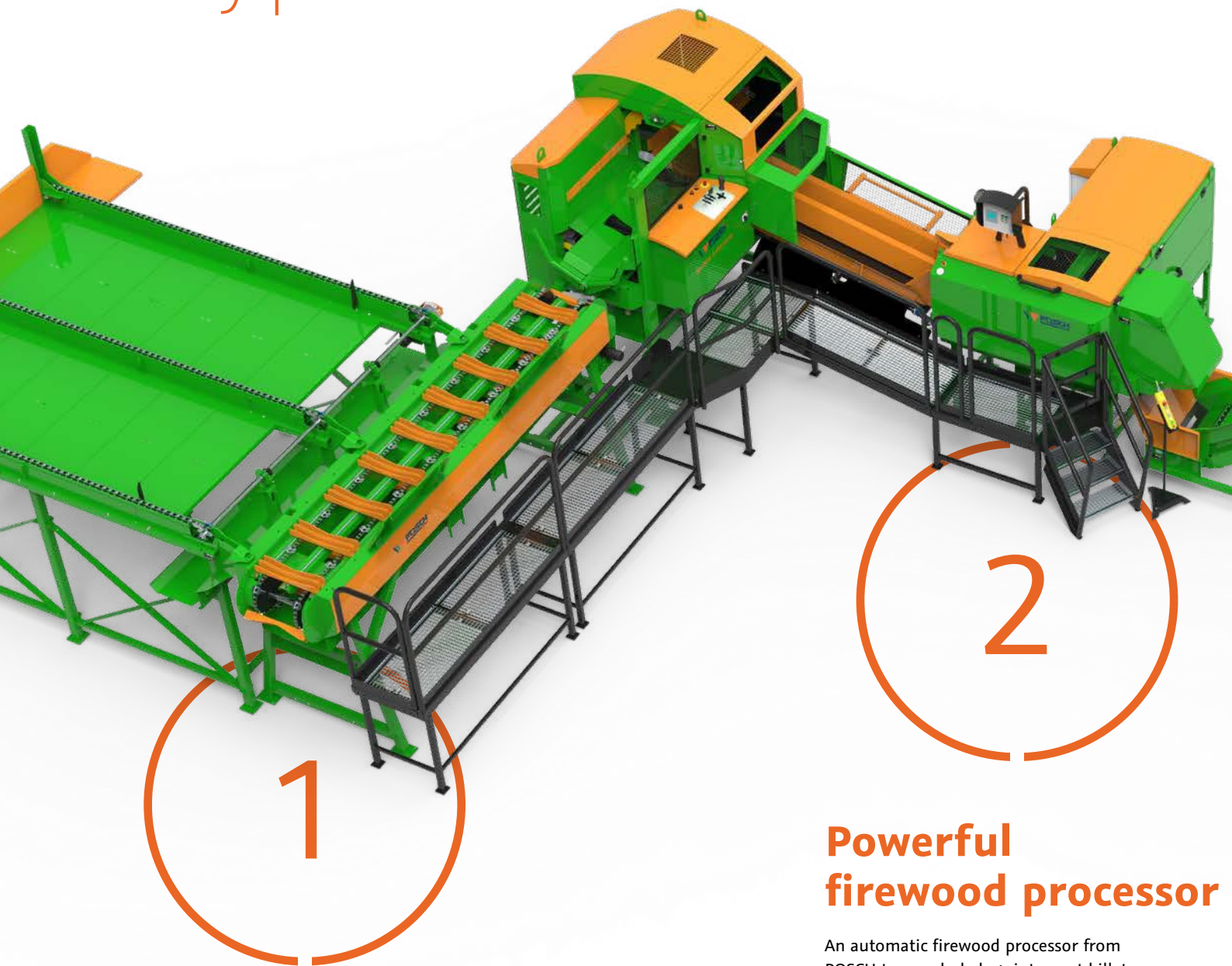
Sturdy design and accuracy guarantee a stable value

When everybody does their job really well, good ideas result in top products with a particularly long useful life. The declared goal is to guarantee a long useful life for our products.



The POSCH production chain

How to make firewood processing really profitable



1 Continuous charging

Longitudinal and cross conveyors can be combined in the best possible way according to tasks and requirements. After the smooth transfer of the logs by means of a tractor, forklift truck or timber loading crane, logs with a diameter of up to 65 cm are smoothly passed on to the firewood processor.

→ see from page 39 onwards

2 Powerful firewood processor

An automatic firewood processor from POSCH turns whole logs into neat billets and makes firewood processing really profitable. We realise sturdy solutions with a stable value, ranging from mobile all-purpose units to firewood factories with an extraordinary hourly output.

→ see from page 12 onwards

For everything ranging from the continuous supply of very large logs to efficient firewood processing and neat further processing and packaging, we offer you optimum solutions from a single source.



Efficient billet handling

Transporting, cleaning, packing up and loading have never been so easy. In addition, these additional machines improve the quality of firewood. The great hourly throughput and the great input power make sure that even large facilities never stand idle any more, and you profit from improved billet quality and increased profitability hour after hour.

→ see from page 43 onwards



True power for sawing and splitting

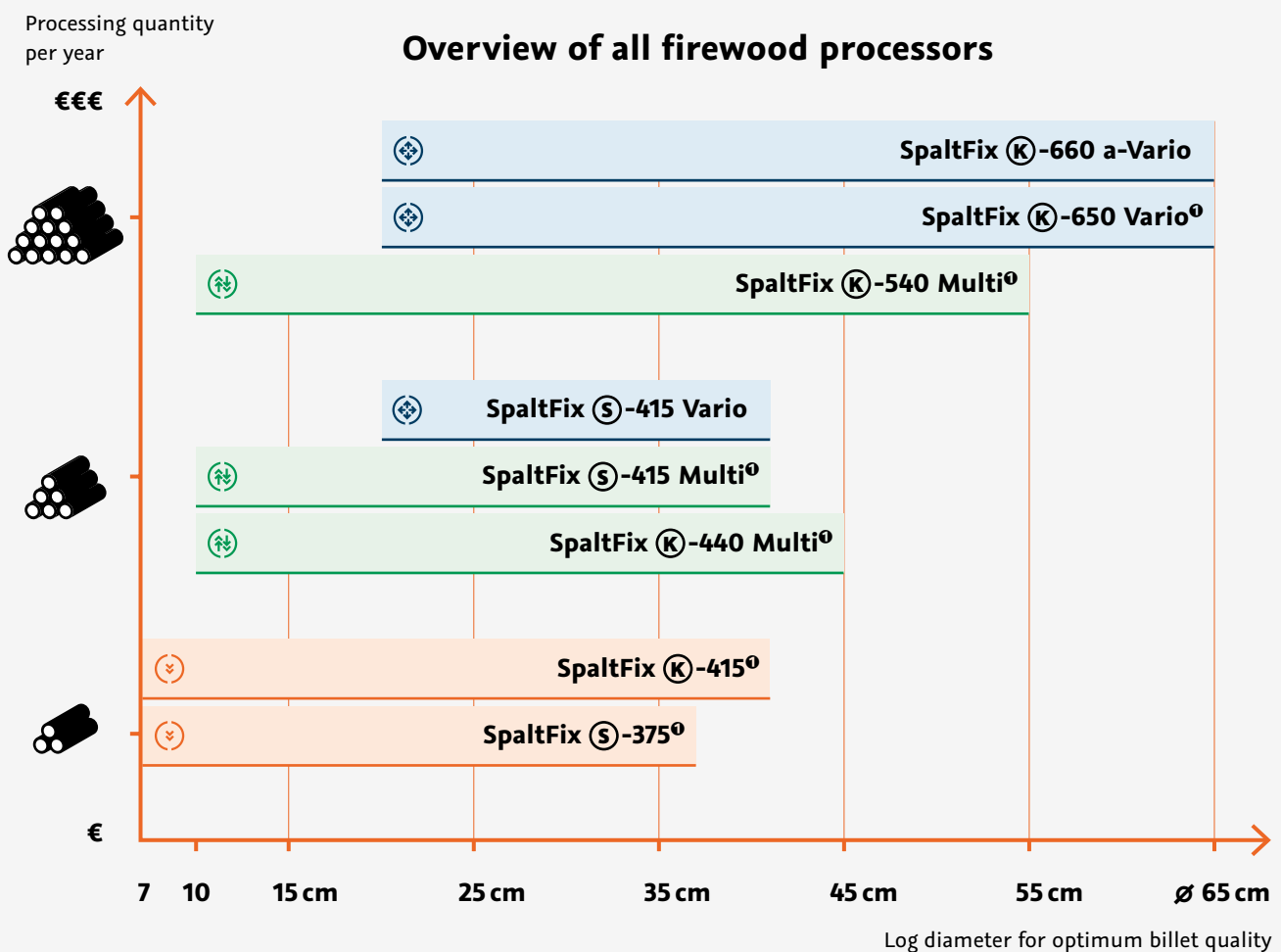
Increases output in firewood processing

A POSCH firewood processor turns whole logs into neat billets and makes firewood processing really profitable for you. We realise sturdy solutions with a stable value, ranging from mobile all-purpose units to firewood factories with an extraordinary hourly output.



SpaltFix series from POSCH

The perfect sawing/splitting system for all requirements



① **Mobile option:** For best results in different locations, these machines can be equipped with a suitable chassis.

② **Saw blade with the S-series**

③ **Chain saw with the K-series**



STANDARD
splitting system



The tried-and-tested system.

The push-on splitting knife can be changed without tools and delivers quick results with max. 8 billets per cycle.



MULTI
splitting system



More options without knife change.

The hydraulically adjustable frame knife adapts to the log diameter and produces up to 18 billets per cycle without knife change.



VARIO
splitting system



Variability for standardised results.

The system with the X-shaped splitting knife produces high-quality firewood in single varieties with the set edge lengths from 5 to 15 cm.



Ⓢ Saw blade with the S-series

The powerful **WIDIA saw blade** impresses with a great cutting power and a long useful life.

Ⓚ Chain saw with the K-series

The **SuperCut harvester saw** ensures quick and safe cutting with log diameters up to 65 cm. Integrated hydraulic chain and blade tensioning as well as a chain oil tank ensure low-maintenance operation.


STANDARD splitting system

SpaltFix S-375

The firewood processor with WIDIA log saw

Fast

**25 loose m³/h**

Loose cubic metres per hour

Powerful

**12 t**

Splitting power max.

Efficient

**37 cm**

Log diameter max.

SpaltFix S-375

The incredibly powerful multi-purpose solution

1 Easily controlled via joystick

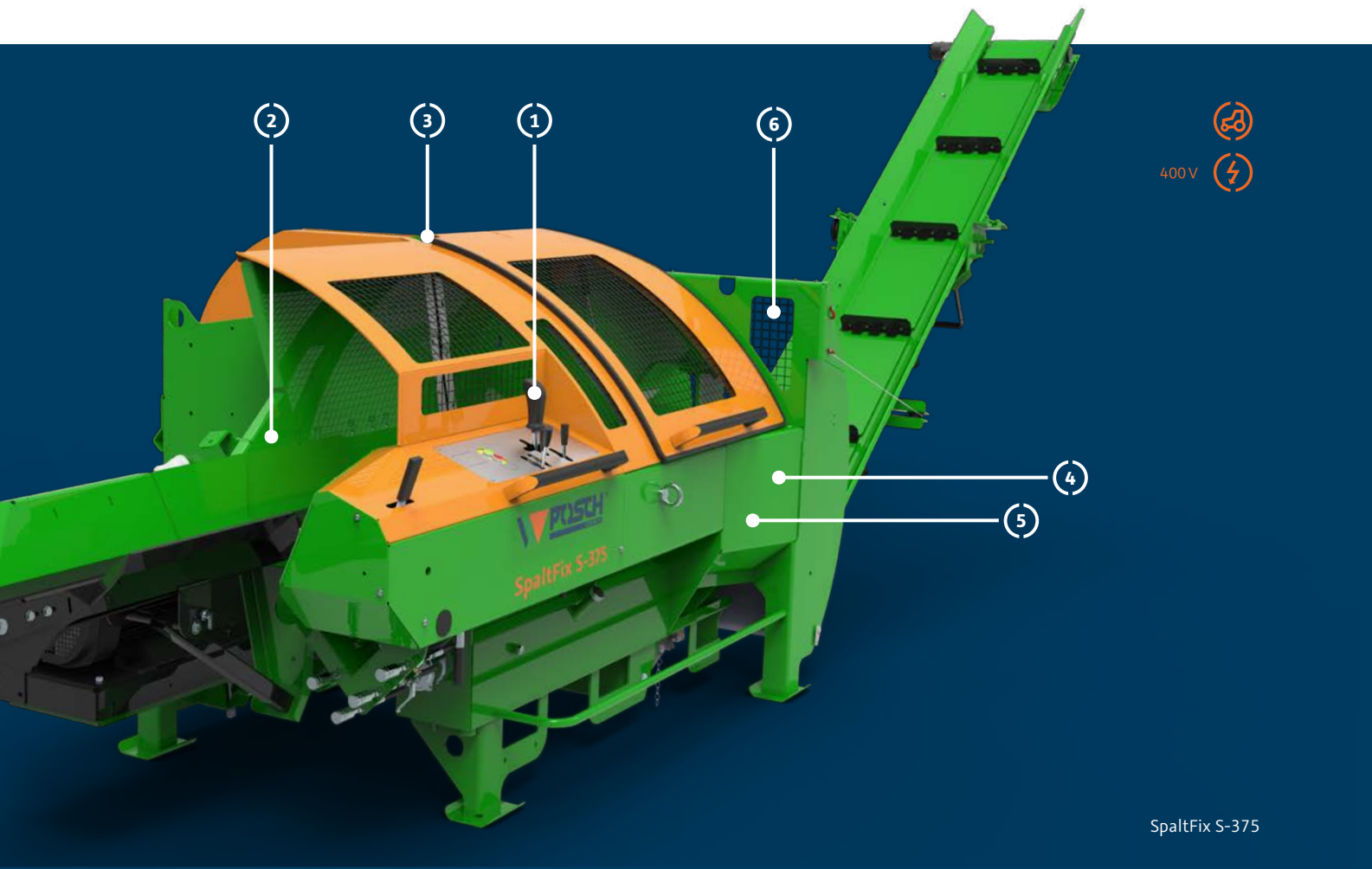


As soon as a log has reached the SpaltFix, the cutting and splitting process can be controlled safely and easily by means of the joystick.

2 Continuous charging and safe splitting



The feed belt puts the log in the sawing position. The hydraulic downholder and the automatically lifting timber stop prevent logs from jamming.



**3 Powerful
WIDIA saw blade**



For an increased cutting performance and a longer useful life, a reinforced WIDIA saw blade with a diameter of 90 cm is installed. This guarantees a more quiet and more powerful cutting process.

**5 OnlyCut system
for more options**



The SpaltFix S-375 can also be used as a high-performance saw without splitting knife. The splitting knife can be removed in only a few steps, and then the unit produces the desired sawn timber in a short period of time. Short sections, for example, can be processed into kindling in the Autosplit.

**4 Saves you a lot of time
during firewood processing**



With the Autospeed, the SpaltFix automatically selects the right splitting speed. It cuts, splits and loads in one working step and so produces up to 8 billets at maximum speed each time.

**6 Compact dimensions for
easy transportation**



Thanks to the three-point linkage, the SpaltFix is ideally equipped for demanding field applications. Within a short period of time, it can be switched from the transport to the work position and so is ready for action immediately.



Watch the SpaltFix S-375
in action at:
[www.posch.com/en/
video/SpaltFix-S-375](http://www.posch.com/en/video/SpaltFix-S-375)

The SpaltFix S-375

Compact power house and ultra-mobile solution

It is easy to transport and so produces the required firewood for communities and firewood processors everywhere, and saves you a lot of time during processing.

Precise splitting process

The hydraulically driven log feed is easy to control using a joystick.

The hydraulically adjustable push-on knife can easily be changed without tools for **4, 6 or 8 parts**. When you take it out completely, the SpaltFix can be used as a high-performance saw.



SpaltFix S-375

The compact firewood processor with joystick control.



400V



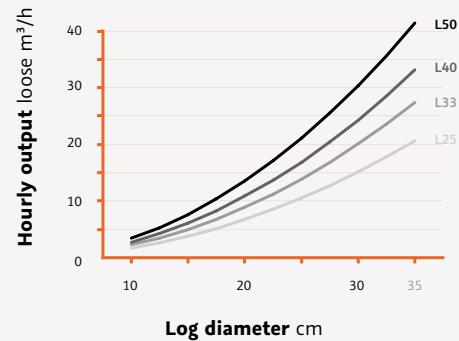
- **Log diameter** 7-37 cm
- **Billet length** 20/25/30/33/35/40/45/50 cm
- **Number of billets max. per cycle** 8
- **Hydraulic log feed** with 2-m-long feed belt
- **Sawing system WIDIA saw blade** \varnothing 90 cm
- **Hydraulic saw advance** with automatic stop lifting and downholding function
- **Push-on splitting knife** for 4 parts as standard
- **Splitting power** 12t
- **Advance/return speed max.** 47/42 cm/s with Autospeed
- **Chip extraction connection**
- **Turbo package** (optional) for more billets per hour

SpaltFix S-375

Basis: 430 cycles/h

Cutting lengths cm

L25, L33, L40, L50



TURBO package for even more billets per hour

The compact SpaltFix S-375 processes up to 20 loose m³ of firewood per hour. With the optional TURBO package, it processes even up to 25 loose m³/hour thanks to the compact sawing valve and the splitting stroke reducer that can be shut on and off.

More options with the right add-ons

The suitable **longitudinal chassis** makes the SpaltFix roadworthy and lets you get to the job site quickly.

A more efficient firewood processing process is guaranteed by the constant supply ensured by the **log conveying system** (longitudinal and cross conveyor).

see page 39





SpaltFix K-415 – The firewood processor with a professional chainsaw

Fast



12

Billets/work cycle max.

Powerful



15 t

Splitting power max.

Efficient



41 cm

Log diameter max.



SpaltFix K-415

Compact powerhouse with chainsaw

1 Comfortable operation with 1-hand joystick



The hydraulically driven log feeder, as well as the splitting of the logs, is conveniently operated via a 1-hand joystick.

2 Continuous feed



The trunk is fed via a 2 m long in-feed belt. With the optional, mobile lengthwise chain conveyor, the workflow becomes even more efficient.



SpaltFix K-415

3 Powerful professional chainsaw for fast and safe cutting



The 53 cm chainsaw cuts logs to a desired length of 20-50 cm. The harvester saw motor and the chain lubrication pump are maintenance-free.

5 Pluggable splitting knife for 12 logs per work cycle



4, 6, 8 or 12 logs per operation are possible, depending on the type of splitting knife used. The knife is easy to change via hand winch (optional).

4 Timber rocker for smooth log transfer



The automatic timber rocker transfers the cut piece of wood to the 25 x 25 cm large thrust piece that presses it against the splitting knife with a splitting force of 15 tons.

6 Compact dimensions for easy transport



The conveyor belt transports the finished logs for further processing. It can be folded in a short time by means of a crank and is ready for transport at the three-point hitch. Ideal for collectives and firewood producers.



Watch the SpaltFix K-415
in action at:
[www.posch.com/en/
video/SpaltFix-K-415](http://www.posch.com/en/video/SpaltFix-K-415)

SpaltFix K-415

The compact powerhouse with chainsaw

The new firewood processor with professional chainsaw and joystick controls for logs with a diameter of up to 41 cm.

Produces firewood from logs

The hydraulically driven log feed takes place via a 2 m long feed belt. Operation is simple: it is done via a 1-hand joystick control. The saw feed is also hydraulic with automatic stop ventilation and hold-down function.



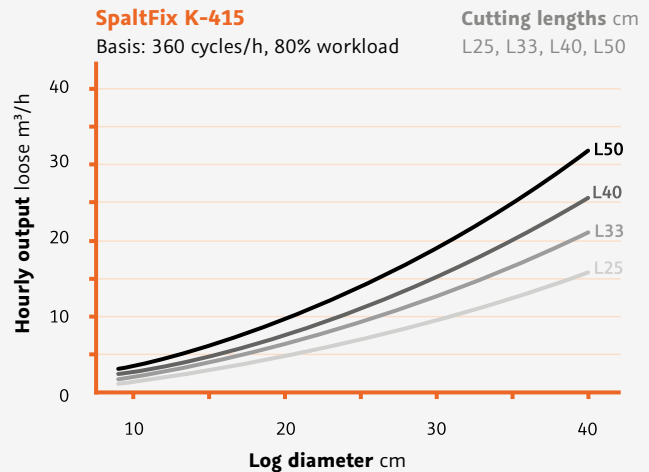
SpaltFix K-415

Compact powerhouse with professional chainsaw.



400V

- **Log diameter** 7–41 cm
- **Billet length** 20/25/30/33/35/40/45/50 cm
- **Number of billets per work process max.** 8 or 12*
- **Hydraulic log feed** with 2 m long feed belt
- **Cutting system professional chain saw** 53 cm
- **Hydraulic saw advance** with automatic stop lifting and downholding function
- **Plug-on splitting knife** for 4 billets
- **Splitting power** 15 t
- **Advance/return speed** max. 32/35 cm/s
- **Oil cooler**
- **Chip extraction connection**
- **OnlyCut function**



*limited to a maximum D 35/33 cm / *maximum D 35/33 cm




The professional chainsaw

The professional saw-bar processes logs at 12,000 revolutions per minute. It is equipped with a hydraulic chain oil tank heater and tool-free access for changing the chain saw.

Always by your side

Firewood processors for professionals do not always have to be disproportionate. Due to its compact dimensions, the SpaltFix K-415 can be easily transported via a tractor. Communities and firewood producers everywhere produce the desired firewood.




MULTI splitting system

SpaltFix S-415 Multi

More performance with the all-rounder

Fast

**12**

Billets/work cycle max.

Powerful

**18 t**

Splitting power max.

Efficient

**41 cm**

Log diameter max.

SpaltFix S-415 Multi

More billets
without
changing the
wedge

1 Everything under control with 2-hand joystick controls



As soon as a log has reached the feeding belt, the cutting/ splitting process can be controlled safely and easily by means of the 2-hand joystick.

2 Continuous charging



Using the joystick, the log is hydraulically transported to the WIDIA saw blade via a conveyor belt. Log support systems comprising longitudinal and cross conveyors can be combined individually depending on the requirements.



SpaltFix S-415 Multi

3 Sawing unit with WIDIA high-performance saw blade



The WIDIA carbide saw blade with 100 cm Ø shortens the log to 20 to 50 cm and is particularly long lasting. The hydraulic log downholder safely retains the logs during the cutting process.

5 More possibilities thanks to the MULTI splitting wedge



The hydraulically adjustable MULTI frame splitting wedge can be adapted to the log diameter comfortably and produces 2, 6 or 12 billets per work step without having to change the wedge.

4 Smooth transfer of logs to the splitting process

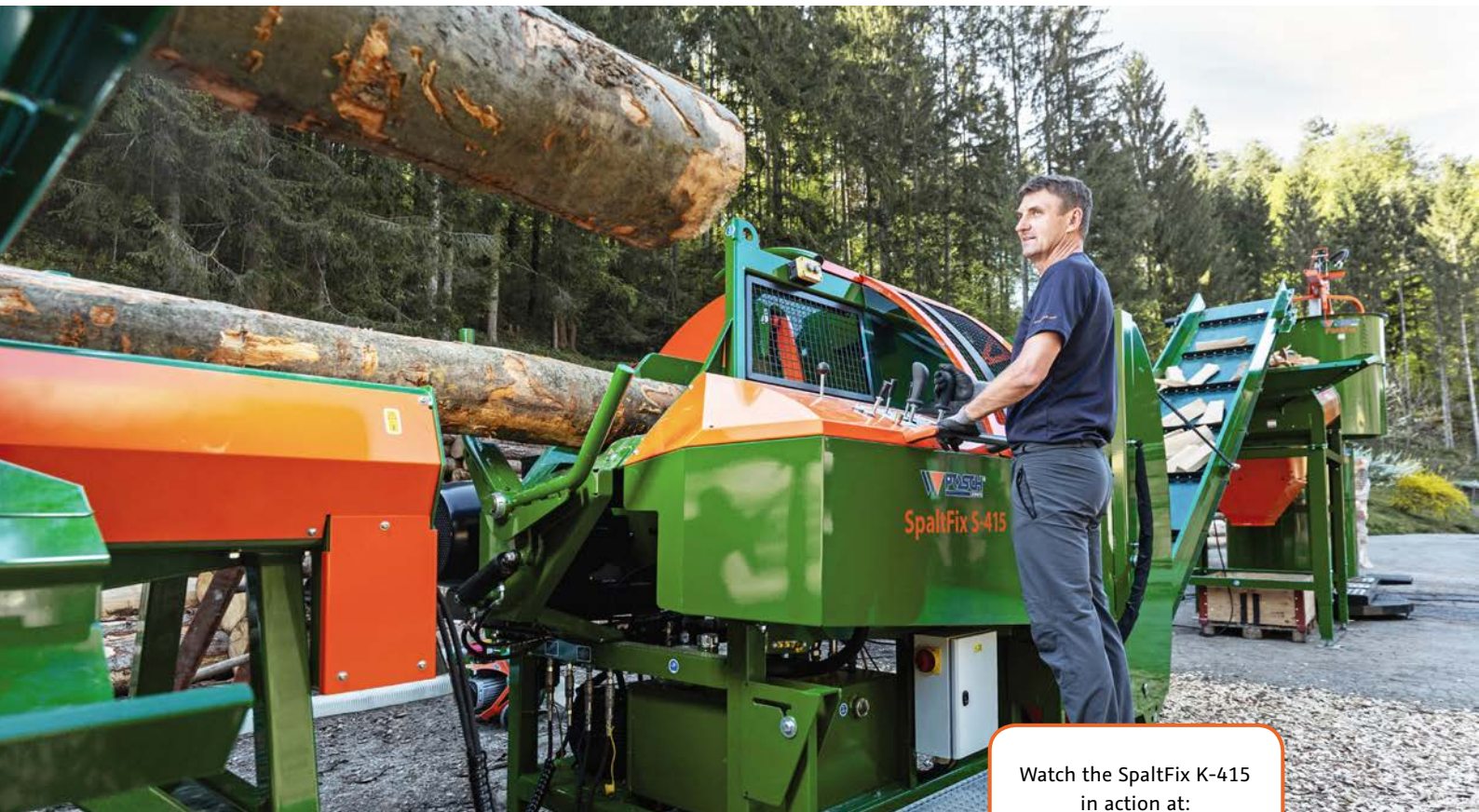


The entire log section is transported to the splitting punch via the hydraulically operated wood rocker. The punch pushes the log against the splitting wedge.

6 Fast and efficient for higher profits



Optionally, billets can be cleaned and bagged ready for sale in one work step in addition. Optimise your firewood production with suitable conveyor belts, billet cleaning and bagging solutions from POSCH.



Watch the SpaltFix K-415
in action at:
[www.posch.com/en/video/
SpaltFix-S-415-Multi](http://www.posch.com/en/video/SpaltFix-S-415-Multi)

Firewood processor SpaltFix S-415 Multi

Jack of all trades: Many billets without changing the wedge

Logs with a maximum diameter of 41 cm are converted into up to 12 logs per work cycle. Thanks to the MULTI splitting system.

Operation via 2-hand joystick

The WIDIA saw blade shortens the log to the desired length up to max. 50 cm. With a splitting force of 18 tons, the log section is pressed against the adjustable-frame knife.

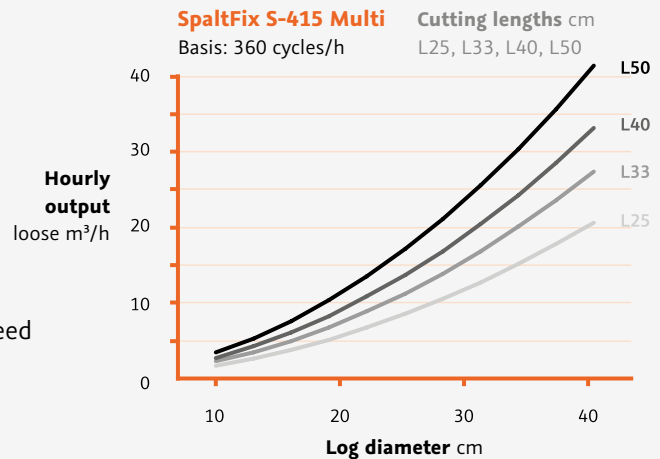


SpaltFix S-415 Multi

With WIDIA blade and frame knife



- **Log diameter** 10–41 cm
- **Billet length** 20–50 cm (adjustable in 1 cm increments)
- **Number of billets per work process max.** 12
- **Hydraulic log feed** with 2-m long feed belt
- **Sawing system WIDIA saw blade** \varnothing 100 cm
- **Hydraulic saw advance** with automatic stop lifting and downholding function
- **MULTI splitting system**
- **Splitting power** 18 t
- **Advance/return speed max.** 37/36 cm/s with Autospeed
- **Chip extraction connection**
- **Oil cooler**
- **Turbo-package** for higher hourly output



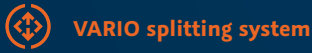
More options without wedge change

The adjustable MULTI frame splitting wedge can be adapted to the log diameter comfortably and produces 2, 6 or 12 billets per work step without having to change the wedge.

Universal expansion options

The standard **turbo function** achieves a **25% higher splitting capacity**, enabling hourly outputs of up to 45 loose cubic metre. Optimize your firewood production with suitable chain conveyors for log feeding.





SpaltFix S-415 Vario – Variable logs with saw blade



Fast

25
Billets/log section max.

Powerful

12t
Splitting power max.

Efficient

41 cm
Log diameter max.

SpaltFix S-415 Vario

Produces billets of the required size from logs up to 41 cm.

1 Simple controlling of all processes with tried-and-tested joystick solution

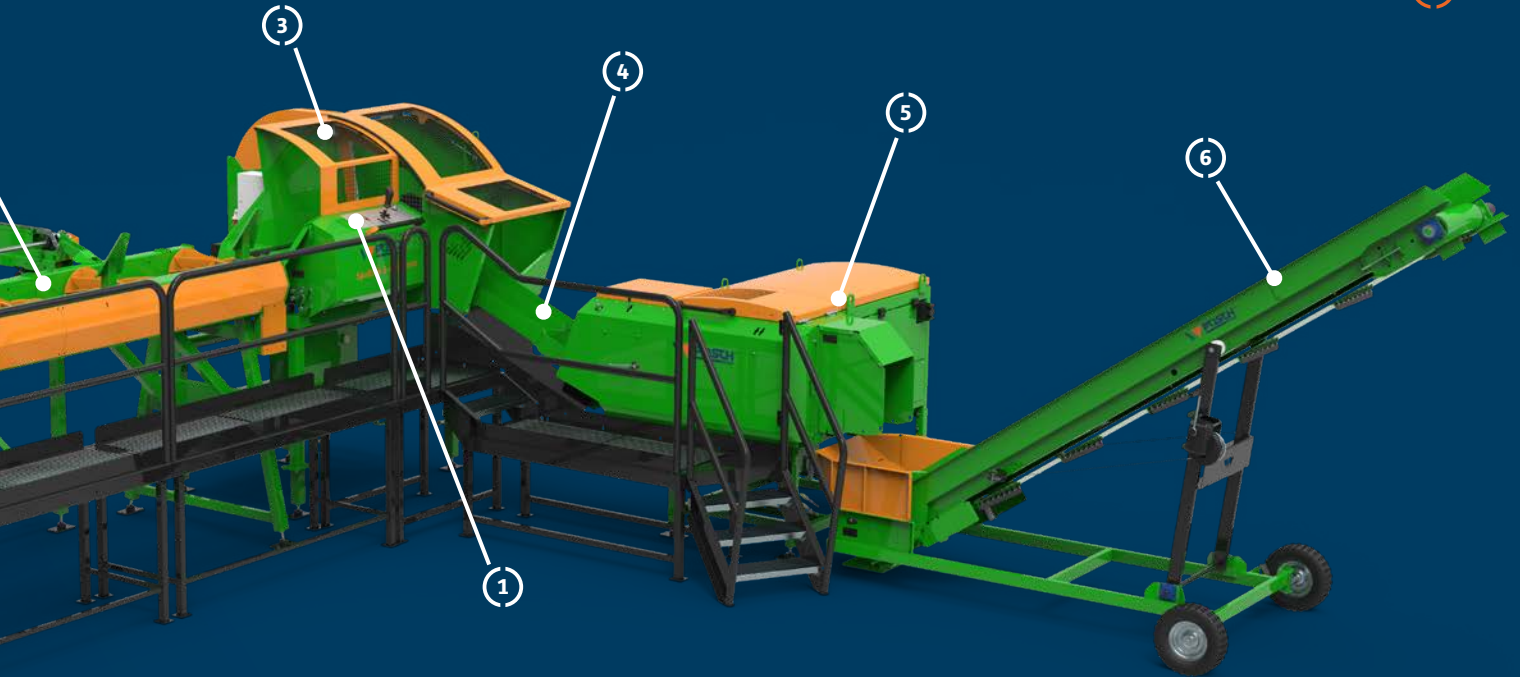


The operator has all processes from charging to cutting directly under control. The optional manipulator makes the positioning of twisted logs easier.

2 Professional log feeder



The logs are transported to the sawing unit via the powerful feed belt. Log support systems comprising longitudinal and cross conveyors can be combined individually depending on the requirements.



SpaltFix S-415 Vario

3 PowerCut sawing unit with WIDIA high performance saw blade



The WIDIA hard metal saw blade with a diameter of 100 cm impresses with its very long service life and durability. The hydraulic log downholder safely fixes the logs during the cutting process.

5 The AutoSplit 415 produces firewood and neat kindling



For firewood with a length of 12–33 cm, the billet edge length can be adjusted variably from 4–15 cm. For optimum kindling with a length of up to 20 cm, finer billets are possible too. Available on request: AutoSplit 650 for firewood up to 50 cm.

4 Smooth passing on of logs to the splitting process



The cut log section is passed on to the AutoSplit via the hydraulic ejection rocker and the log chute. The optional buffer belt is an ideal additional solution for the fast transportation from the sawing unit to the splitting unit.

6 More profitable production achieved fast and efficiently



Optionally, the billets that were cut to the required edge length can additionally be cleaned and bagged ready for sale in one working step. Optimise your firewood production with suitable conveyor belts, billet cleaning and bagging solutions from POSCH.



Watch the SpaltFix S-415 Vario in action at:
www.posch.com/en/video/SpaltFix-S-415

The SpaltFix S-415 Vario

Long operating hours thanks to WIDIA saw blade

This versatile firewood processor produces firewood requested in single varieties, and kindling ready for the stove with little effort.

High-performance saw blade with many benefits

The PowerCut with WIDIA saw blade impresses with its very high cutting speed, a long edge holding ability and little wear. In addition, neat wood chips for further use are produced.



SpaltFix S-415 Vario with AutoSplit 415



400V

The combination of PowerCut and AutoSplit.

Saw unit "PowerCut S-415"

- **Log diameter** 10–41 cm
- **Billet length** 12–50 cm (adjustable in 1 cm increments)
- **Hydraulic log feed** with 1.1 m long feed belt
- **Sawing system WIDIA saw blade** \varnothing 100 cm
- **Hydraulic saw advance** with automatic stop lifting and downholding function
- **OnlyCut function**
- **Chip extraction connection**

Splitting unit „AutoSplit 415“

- **VARIO splitting system**
- **Log length** 12–33 cm (adjustable in 1 cm increments)
- **Variable billet edge length** 4–15 cm
- **Number of billets max.** per log section 25
- **Splitting power** 12 t
- **Spring-mounted feed belt** – increases operational safety and reduces splitting forces
- **Oil cooler**
- **Single conveyor belt connection** for PS conveyor belts (16 l/min, max. 100 bar)
- **Retrofitting kit for short kindling** as standard
- **Buffer belt** 2 m (optional)
- **Automatic central lubrication**

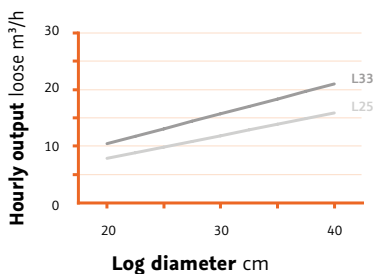
SpaltFix S-415 Vario with AutoSplit 650

- + **Billet length max.** 50 cm

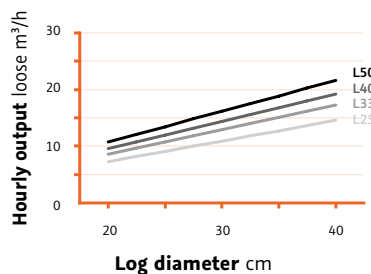
- + **Number of billets max.** per log section 50
- + **Splitting power** 16 t

Great performance and neat billets

SpaltFix S-415 Vario with AutoSplit 415 Cutting lengths cm
Billet edge length 10 cm (D14) L25, L33



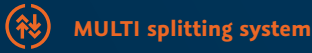
SpaltFix S-415 Vario with AutoSplit 650 Cutting lengths cm
Billet edge length 10 cm (D14) L25, L33, L40, L50



Delivers the desired result for every application

On the AutoSplit, the edge length of the billets can be steplessly adjusted from 4 to 15 cm. In addition, mere round timber sections (Only-Cut function) and, with the included retrofitting kit, very neat kindling can also be produced for different groups of customers.





SpaltFix K-440 | K-540 Multi Firewood processing for professionals



Fast

18
Billets/work cycle max.

Powerful

35 t
Splitting power max.

Efficient

55 cm
Log diameter max.

The centre of attention: SpaltFix K-540

The MULTI splitting system for a great performance

1 User-friendly joystick operation

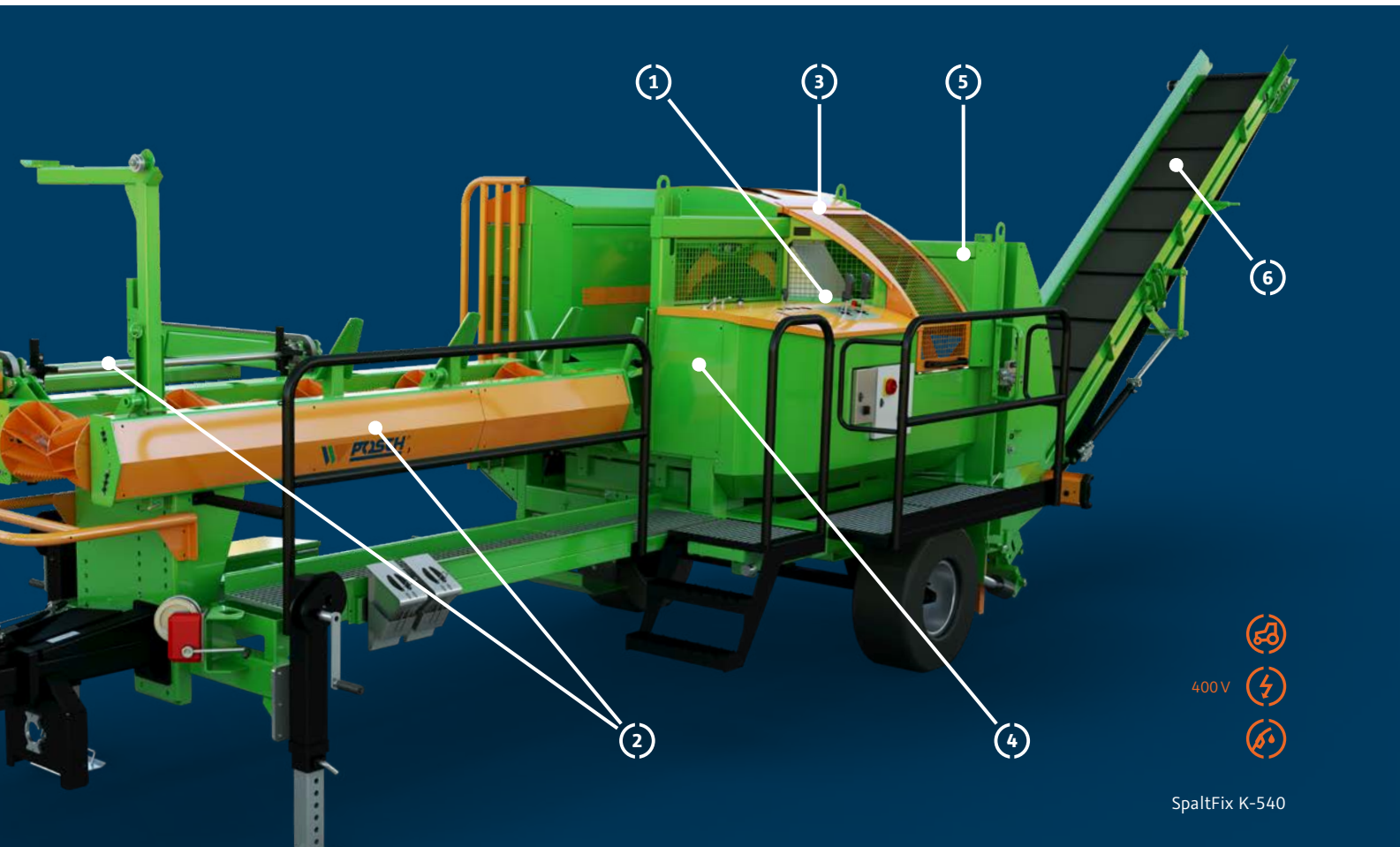


With the 2-hand joystick on the clearly structured control panel, it is easy to control all processes. The log manipulator is used to put the logs in the right position before processing.

2 Continuous charging for more power



The roller conveyor with timber manipulator ensures a constant processing speed. Combined with hydraulic log lifting device (SpaltFix K-440) or log support system, you can process more cubic metres per hour.



SpaltFix K-540

3 SuperCut Harvester saw for fast and safe cutting



Thanks to the hydraulic chain and blade tensioning and the hydraulic double gripper, the SuperCut saw ensures safe and fast cutting. The hydraulic ejection rocker passes the log section on to the splitting unit.

5 Same-size billets without knife change



The hydraulically adjustable MULTI splitting knife produces an optimum result with every log diameter. In that way, the machine produces up to 18 same-sized billets per work cycle (SpaltFix K-540).

4 True power inside the SpaltFix K



The pressure piece presses the timber with 35 t against the double-edged splitting knife (SpaltFix K-540) and so quickly produces the maximum number of billets. SplitControl is optionally available and enables automatic splitting in the middle.

6 Neat further processing without further efforts



The conveyor belts transport the finished billets to the respective packaging solution. The combination of the timber cleaner LogFix and the PackFix system produces firewood of high quality and in neat packages.



Watch the SpaltFix K-540
in action at:

[www.posch.com/en/
video/SpaltFix-K-540/](http://www.posch.com/en/video/SpaltFix-K-540/)

SpaltFix K-440 and K-540 Multi

Perfect for large volumes

Stationary or mobile - the ideal partners for a great performance. The wide variety of drives and additional solutions always make wood processing faster and more efficient.

Tireless firewood production

The result is impressive. The K-440 produces up to 12 billets, the K-540 up to 18 billets with a length of 50 cm. Everything runs smoothly on the inside to make that happen. The SuperCut Harvester unit with automatic chain and blade tensioning cuts the logs into pieces with precision. The Autospeed function ensures the optimum forward speed during the splitting process. The hydraulic log rocker ensures continuous log transfer from the sawing area to the splitting area.



SpaltFix K-440 Multi

The very versatile, powerful firewood processor.

- **Log diameter** 10–45 cm
- **Billet length** 12-50 cm (adjustable in 1 cm increments)
- **Number of billets max. per cycle** 12
- **Hydraulic log feed** with manipulator and two feed rollers
- **Sawing system SuperCut Harvester** 75 cm
- **Hydraulic saw advance** with double gripper and automatic stop lifting
- **MULTI splitting system**
- **Splitting power** 18 t
- **Advance/return speed max.** 22/31 cm/s with Autospeed
- **Hydraulics** two-pump system
- **SplitControl** optional

SpaltFix K-540 Multi

The next stage of expansion in firewood processing.

400V



- **Log diameter** 10-55 cm
- **Billet length** 25/30/33/40/45/50 cm
- **Number of billets max. per cycle** 18
- **Hydraulic log feed** with manipulator and two feed rollers
- **Sawing system SuperCut Harvester** 75 cm
- **Hydraulic saw advance** with double gripper and automatic stop lifting
- **MULTI splitting system**
- **Splitting power** 35 t
- **Advance/return speed max.** 28/33 cm/s with Autospeed+
- **Hydraulics** double-cylinder system
- **SplitControl** optional

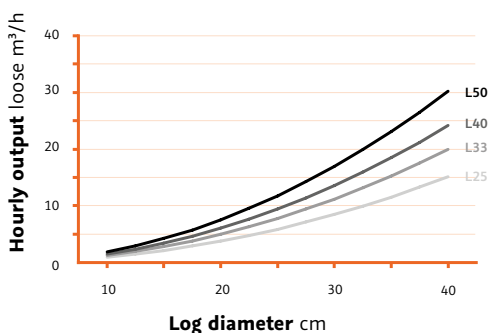
Get more work done with more cubic metres per hour

SpaltFix K-440

Basis: 240 cycles/h

Cutting lengths cm

L25, L33, L40, L50

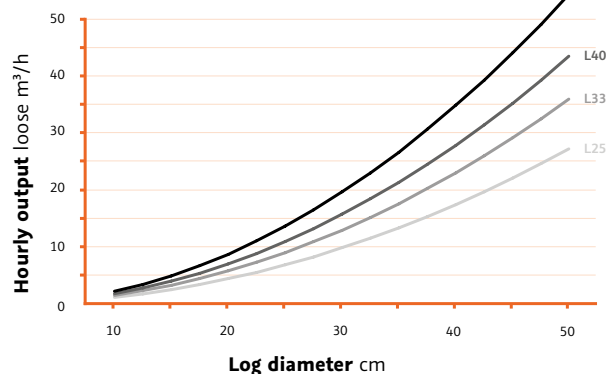


SpaltFix K-540

Basis: 280 cycles/h

Cutting lengths cm

L25, L33, L40, L50



Ready for every application

With different **drive variants** such as PTO, E-motor or diesel, this firewood processor from POSCH is always powerfully equipped and also suited for mobile applications. The optional **angled conveyor belts** ensure a compact transport position for this application.





SpaltFix K-Vario – the variable firewood processors



Fast

60
Billets/log section max.

Powerful

16 t
Splitting power max.

Efficient

65 cm
Log diameter max.

The centre of attention: SpaltFix K-650 Vario

Uses large logs to produce fine billets with variably adjustable edge length and of premium quality.

1 Everything under control with joystick control

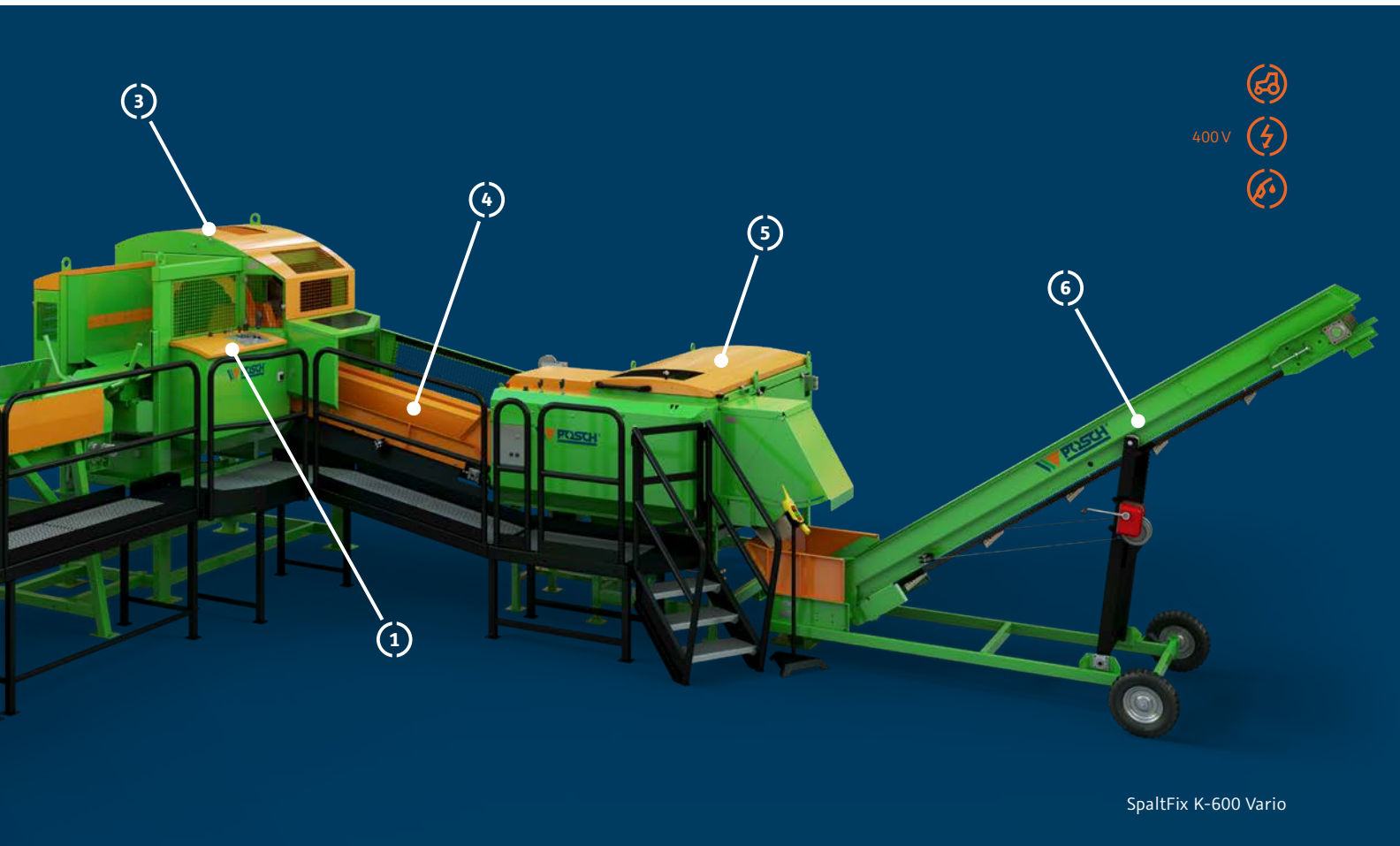


Whole logs with a thickness of up to 65 cm are easily and carefully passed on to the PowerCut sawing unit and cut there according to the length settings. With the clearly structured control panel, it is easy to control all processes.

2 Professional log feed for continuous charging



Depending on log volume and log diameter, longitudinal and cross conveyors can be individually combined with each other. The hydraulic log manipulator additionally ensures an optimum log position.



SpaltFix K-600 Vario

3 SuperCut sawing unit for logs up to 65 cm



The SuperCut Harvester unit with the 90 cm long blade and the hydraulic double gripper make sure that even the thickest logs are cut safely.

5 AutoSplit for fine billets of the desired size



With a splitting power of 16t and the X-shaped splitting knife, the AutoSplit automatically chops up the logs. The steplessly adjustable feed lets you precisely determine the desired billet size with an edge length of 5-15 cm.

4 Buffer belt for safe and trouble-free continuous operation

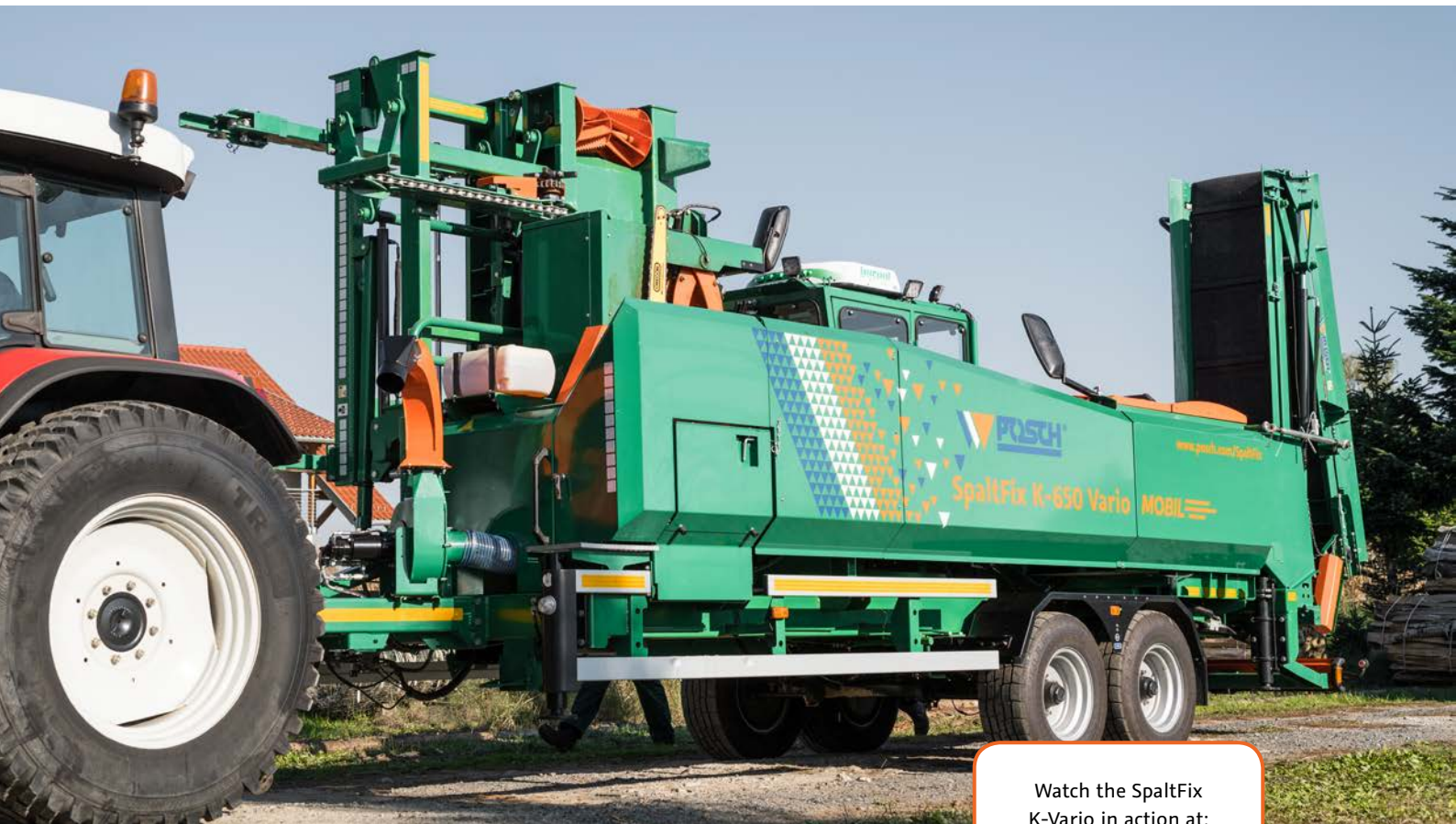


The hydraulic ejection hatch and the standard buffer belt ensure smooth transportation of logs to the splitting process.

6 Optimise firewood production with suitable add-on units



Optional add-on units let you produce neat billets more quickly. With a suitable conveyor belt, the LogFix for cleaning and the PackFix for packing up the billets, firewood production is optimised as much as possible.



Watch the SpaltFix
K-Vario in action at:
[www.posch.com/en/
video/SpaltFix-K-Vario](http://www.posch.com/en/video/SpaltFix-K-Vario)

SpaltFix K-650 Vario

High-quality firewood with adjustable edge lengths

As required, the firewood processor produces high-quality firewood with a billet edge length between 5 and 15 cm that can be produced in single varieties for different customer groups.

Neat billets and maximum efficiency

The SpaltFix K-Vario produces neat billets with an adjustable edge length according to your precise requirements. Thanks to the professional hydraulic system with high-grade components, the SpaltFix ensures smooth and consistent top performance with low energy consumption.



The chain saw unit and the splitting unit "AutoSplit" are controlled from the cabin, which can be heated as well as air-conditioned.

SpaltFix K-650 Vario

The best system for neat billets in two configurations



Sawing unit „PowerCut K-650“

- **Log diameter** 10–65 cm
- **Billet length** 20/25/30/33/40/45/50 cm
- **Hydraulic log feed** with manipulator and two feed roller
- **Sawing system SuperCut Harvester** 90 cm
- **Hydraulic saw advance** with double gripper and automatic stop lifting
- **OnlyCut function**
- **Chip extraction connection**

Splitting unit „AutoSplit 650“

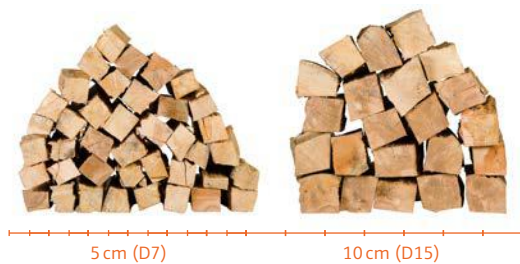
- **VARIO splitting system** with cable remote control
- **Billet length** 20–50 cm (infinitely adjustable)

- **Variable billet edge length** 5–15 cm
- **Number of billets max.** per log section 60
- **Splitting power** 16 t
- **Spring-mounted feed belt** – increases operational safety and reduces splitting forces
- **Oil cooler**
- **Triple conveyor belt connection** for transporting, swivelling and tilting 16 l/min, max. 100 bar)
- **OptiSplit** automatic splitting stroke optimization
- **Electronic control** for increased operational safety
- **Touchscreen** for easy controlling
- **Buffer belt** 2 m
- **Optical sensor** on the buffer belt
- **Timber volume calculation** (VolumeControl)
- **Automatic central lubrication**

Additional features SpaltFix K-650 | mobil

- + **Waste wood ejector**
- + **Chip extraction blower**

More cubic metres per hour, maximum efficiency and better quality



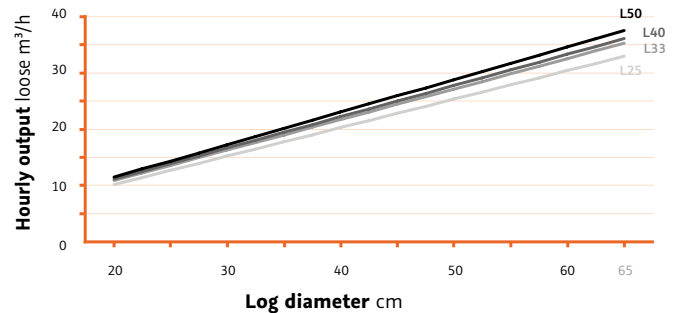
With an edge length from 5 cm to 15 cm, every billet fulfils the customers' requirements.

SpaltFix K-650Vario

Billet edge length 10 cm (D14)

Cutting lengths cm

L25, L33, L40, L50



More power through electronic control

The SpaltFix K-650 Vario is equipped with the AutoSplit 650. The fully automatic splitter is controlled via the touch screen in a user-friendly manner. Thanks to an optical sensor on the buffer conveyor, the splitting process is started automatically and stopped when there are no log sections, which increases operational safety considerably. The conveyor belt passes on the finished billets for cleaning and packing up.





Watch the SpaltFix
K-Vario in action at:
[www.posch.com/en/
spaltfix-k-660](http://www.posch.com/en/spaltfix-k-660)

SpaltFix K-660 a-Vario

Cut, split and load – fully automated!

This machine does all the work by itself: The new firewood processor measures logs fully automated and subsequently process them into magnificent firewood – without an operator.

Automatic log processing with CutControl

The front feed allows for failure-free feeding: it pushes the log to the chain saw, where it is optically measured (length determination). The log can be divided to avoid any leftovers, or it can divide the log into equal parts.



Offcut wood can be ejected through the waste outfeed ejector, eliminating waste prior to splitting.

Spaltfix K-660 a-Vario mit AutoSplit 650

400V

The stationary, fully automatic combination of PowerCut and AutoSplit.

Sawing unit "PowerCut K-660"

- **Log diameter** 10–65 cm
- **Billet length** 20–50 cm (OnlyCut 10–50 cm)
- **Sawing system SuperCut Harvester** 90 cm
- **Automatic log feed via front feed**
- **Exact length determination** via CutControl
- **Waste wood ejector**
- **OnlyCut function**
- **Chip extraction connection**
- **Touchscreen** for easy controlling
- **Safety-light curtain** for maximum safety with optimum accessibility
- **Wireless remote control** for automatic operation and loading

Splitting unit "AutoSplit 650"

- **VARIO splitting system** with cable remote control
- **Billet length** 20–50 cm (infinitely adjustable)
- **Variable billet edge length** 5–15 cm
- **Number of billets max.** per log section 60
- **Splitting power** 16 t
- **Spring-mounted feed belt** – increases operational safety and reduces splitting forces
- **Oil cooler**
- **Triple conveyor belt connection** for transporting, swivelling and tilting 16 l/min, max. 100 bar)
- **OptiSplit** automatic splitting stroke optimization
- **Electronic control** for increased operational safety
- **Touchscreen** for easy controlling
- **Buffer belt** 2 m
- **Optical sensor** on the buffer belt
- **Timber volume calculation** (VolumeControl)
- **Automatic central lubrication**



Convenient operation

The touch screen of the electronic control simply sets the desired cutting length and the permissible length deviation of the logs.

For magnificent billets

Via the buffer conveyor, the cut sections are handed over to the "AutoSplit" splitting unit. The result are magnificent billets in the desired size (variable edge length 5-15 cm).

Performance diagram see page 35.





Constantly supplies more logs

Log charging for large volumes

The suitable log support system holds the required volumes of logs and keeps them available for further processing. Depending on the requirements, the cross conveyor keeps the maximum possible number available and passes them on, with or without separator solution, to the longitudinal conveyor which supplies the SpaltFix continuously.



Log support systems



Separator



Longitudinal conveyor systems



Cross conveyor
makes logs available for further processing

Separator
for optimum separation & transfer to the longitudinal conveyor

Chain & roller conveyor
for smooth log feeding



More about professional
log charging:
[www.posch.com/en/
SpaltFix](http://www.posch.com/en/SpaltFix)

Solutions for large volumes

Professional log charging for maximum performance

The automatic SpaltFix firewood processors process large volumes of timber into finished firewood. The suitable charging systems facilitate continuous production in addition. POSCH offers you a series of different solutions for the most exacting requirements.

Flexible combinations for all applications

The useful longitudinal and cross conveyors for optimum log charging can be loaded quickly by tractor, forklift truck or timber loading crane. Depending on the requirements and work flows, the different units can be variably combined with each other.

The cross conveyor PLUS ¹ is the ideal professional solution for very large volumes of wood. The separator ² ensures optimum separation and transfer to the longitudinal conveyors. ^{3 4}



Roller conveyor or double chain conveyor as ideal connection for the SpaltFix

On the **roller conveyors**, the logs are supported by solid rollers which are driven hydraulically in each case. The V-shaped structure ensures a smooth log feeding process.

For log diameters over 55 cm, a **double chain conveyor** is used. The sturdy chain with pusher dogs glides maintenance-free on plastic guides. Available for lengths from 4 m to 6 m.

Log support systems for larger volumes

The logs are put down by means of a forklift truck or timber loading crane and made available for further processing. All log support systems can be combined with chain or roller conveyors. When they are passed on to the longitudinal conveyor, the logs are automatically separated from each other by the separator.

The roller conveyor ³ and the double chain conveyor ⁴ ensure continuous charging. The optional cleaning belt ⁵ transports the waste wood underneath the cross conveyor in the right container.



Depending on your requirements, the required supply of logs is always available

POSCH has the right log support system for all requirements:

- The **cross conveyor** passes the wood on via chain strands to the **longitudinal conveyor** and is masterfully in control even when processing twisted logs. It can be used for a maximum log length of 6 m and a timber support up to 6.2 m.
- The **cross conveyor PLUS** is the solution for real pros and very large volumes of wood. Depending on the version, up to 60 solid m³ of wood can be directly deposited and made available for the separator.
- The **separator** ensures an optimum transfer of the individual logs to the longitudinal conveyor.



Wood processing made more profitable:

True efficiency for billet handling

An ideal solution: The LogFix family removes wood chips, bark and wood splinters from every billet and makes sure that the final product is neat. Then powerful conveyor belts transport the billets to the PackFix, the perfect bagging solution.



Cleaning



LogFix S/L/XL

The cleaning pro
see page 44



Packing up



PackFix Hydro

The bagging machine
see page 46



Conveying



Conveyor belt FSX

The transport solution
see page 48



Watch the LogFix in
action at:
[www.posch.com/en/
video/LogFix](http://www.posch.com/en/video/LogFix)

LogFix

The cleaning pro separates billets from splinters

The LogFix produces neat firewood and so firewood of higher quality in no time. Rotating rollers remove undesirable parts such as wood chips, bark and wood splinters.

Modest and still convincing

The rollers rotate with 50 or 93 revolutions per minute and are very quiet. The scrap wood is passed on to a suitable container or an optional conveyor belt by means of a scrap wood hopper. The radio remote control functionality is used to switch the LogFix on and off with ease.



LogFix S

The compact billet cleaner.

- **Screen width** 3.8 cm
- **Screen surface** 85 × 50 cm (l × w)
- **Rotating rollers** 4
- **Roller speed** 50 rpm
- **Filling height** min. 250 cm
- **Transfer height** 180 or 195 cm



- **Cleaning throughput** max. 20 loose m³/h
- **Scrap wood hopper** as standard
- **Radio remote control** optional
- **Recommended use:** Firewood processor with splitting knife for max. 8 parts, max. conveyor belt width 65 cm



LogFix S (l × w × h)
200 × 105 × 230 cm

LogFix L

The billet cleaner for larger volumes.

- **Screen width** 3.8 cm (optionally adjustable 3–4.5 cm)
- **Screen surface** 150 × 75 cm (l × w), 10° upward gradient
- **Rotating rollers** 7
- **Roller speed** 50 rpm
- **Filling height** variable 235 +/- 30 cm
- **Transfer height** variable 210 +/- 30 cm



- **Base frame height-adjustable** +/- 30 cm
- **Cleaning throughput** max. 25 loose m³/h
- **Scrap wood hopper** as standard
- **Radio remote control** as standard
- **Recommended use:** all firewood processors, max. conveyor belt width 95 cm



LogFix L (l × w × h)
215 × 135 × 280 cm

LogFix XL

The powerful log screen for large volumes of timber.

- **Screen width** 4.5 cm (optionally adjustable 3–4.5 cm)
- **Screen surface** 350 × 100 cm (l × w), 10° upward gradient
- **Rotating rollers** 15
- **Roller speed** 93 rpm
- **Filling height** min. 250 cm
- **Transfer height** 210 cm
- **Cleaning throughput** max. 60 loose m³/h
- **Scrap wood hopper** as standard
- **Radio remote control** as standard
- **Recommended use:** High-performance firewood processor from POSCH



LogFix XL (l × w × h)
420 × 300 × 300 cm



POSCH solutions for
improved billet handling
[www.posch.com/en/
video/PackFix](http://www.posch.com/en/video/PackFix)

PackFix

Drying, storing and delivering firewood

The PackFix is available in a stationary, mobile or universal version and enables maximum speed for the packing up of billets.

Maximum bagging speed for more profit

Directly from the conveyor belt, the billets are collected in the drum and wrapped into an air-permeable mesh for optimum drying and storage. The sturdy packs can easily be stacked for space-saving storage. With the **hydraulic swivel table**, filling and bagging is carried out at the same time, the working speed is doubled.



PackFix Hydro

User-friendly and safe, reliable bagging of every solid cubic metre of wood.



- For billet lengths up to 50 cm
- Available in 3 versions:
Stationary / Mobile / Multi-purpose
- Filling drum volume:
1.63 m³ = 1.6 loose cubic metres =
1.0 cubic metres of timber
2 loose cubic metres with higher filling
drum (optional)
- Filling drum: Ø 120 cm, height 145 cm
with quick-change system
- Hydraulic swivel table (optional) for
doubled working speed



PackFix Hydro sta-
tionary



PackFix Hydro universal

Reliable PackFix result in a few work steps



The PackFix drum is filled with a cubic metre of billets by means of a conveyor belt.



The rotary arm securely wraps the round bale mesh around the filling drum and the billets.



The drum itself does not rotate and is pulled upwards hydraulically.



As soon as the filling drum has been pulled up all the way, the mesh is severed and the pack of billets is carted away.

Ideal addition to every production line

The maximum speed per cubic metre provides for the perfect bagging solution for billets up to 50 cm.





POSCH solutions for improved billet handling
www.posch.com/en/conveyor-belts

Conveyor belts

Easier transportation of firewood

The powerful POSCH conveyor belts help you to transport billets faster to their destination. With a length of up to 8 m, they ensure a higher speed and a higher hourly throughput for the complete SpaltFix firewood line.

Get more work done

The **conveyor belt FSX** is especially designed for firewood processors. The wide design passes on a lot of billets to the billet cleaner LogFix, the LogFill intermediate storage or the PackFix system at maximum speed.



Conveyor belts FSX

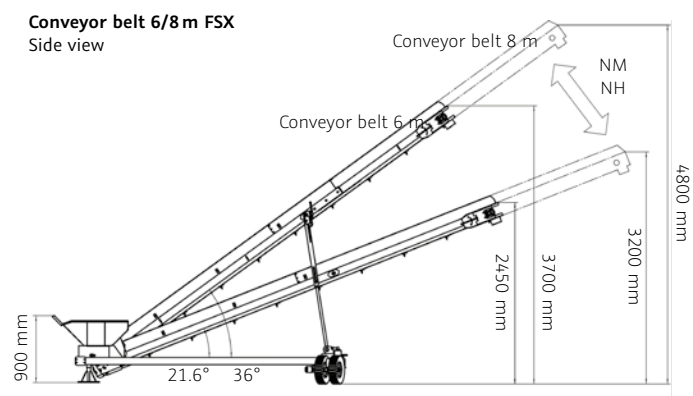
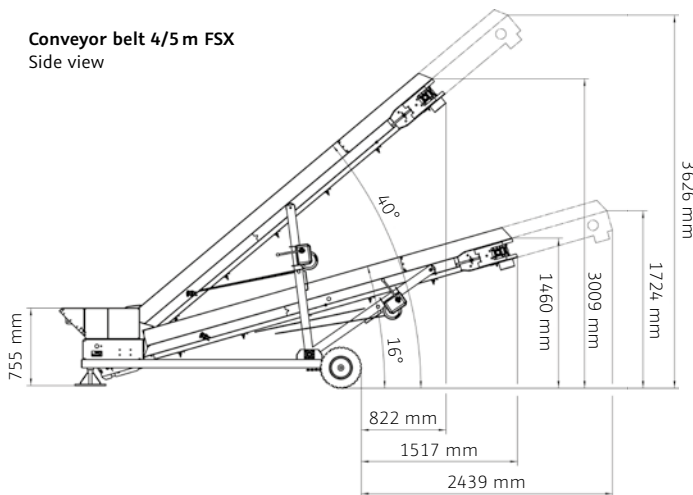
Select the right conveyor belt.

FSX 4/5 m

- Length 4/5 m
- Ejection heights per length: 1.46 – 3.0 m / 1.73 – 3.7 m
- Belt width 55 cm
- Belt construction individual elements
- Pneumatic tyre wheels \varnothing 40 cm
- Conveyor belt speed 70 cm/s

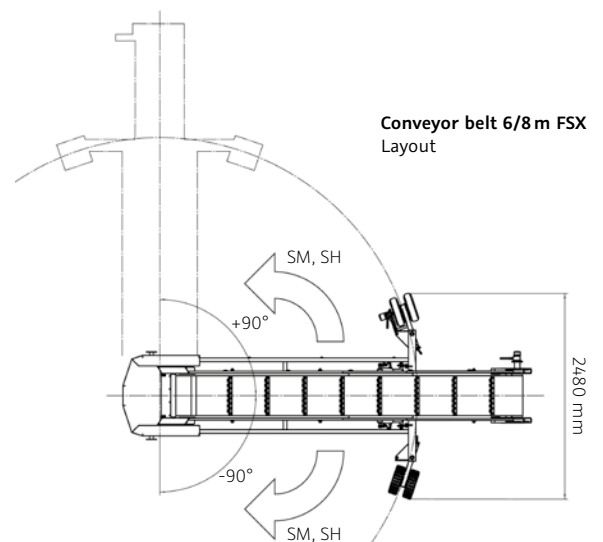
FSX 6/8 m

- Length 6/8 m
- Ejection heights per length: 2.45 – 3.70 m / 3.20 – 4.80 m
- Belt width 55 cm
- Belt construction one-piece rubber belt
- Pneumatic tyre wheels \varnothing 40 cm
- Conveyor belt speed 70 cm/s
- Draw bar optional



Ideal for loading finished billets

Every conveyor is adjusted to its application quite naturally. All models are swivel-type and height-adjustable. The belt inclination can be mechanically adjusted in steps, or on request also hydraulically without steps.



POSCH is always by your site

POSCH Austria

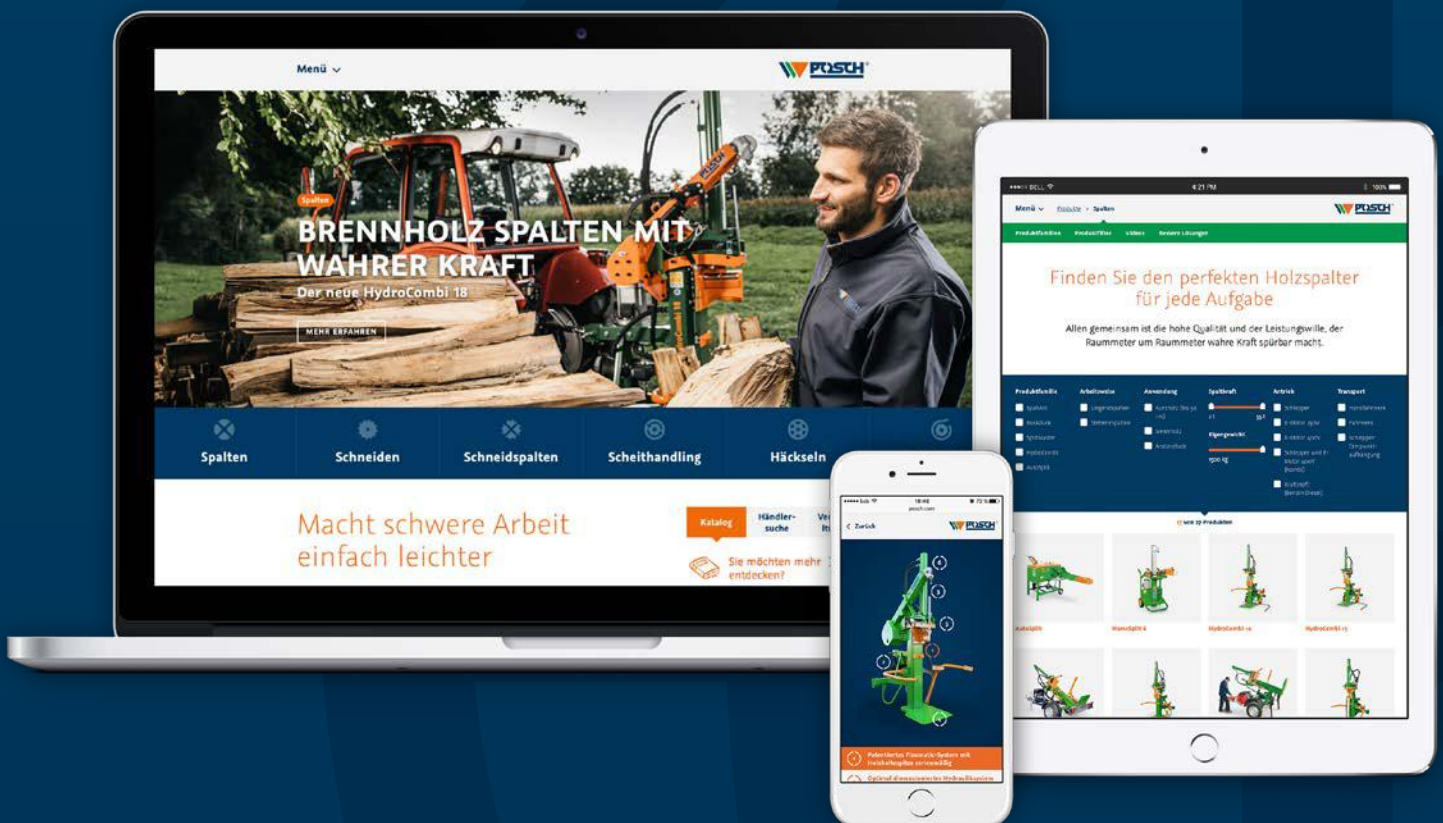
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