



FULLY AUTOMATIC PACKAGE SAWS

Smart solutions - cutSTAR 11 kW



- 11 kW motor
- for packages up to 600 x 120 x 120 cm (L x W x H)
- single cut cycle

cutSTAR 11 kW was developed for a precise and economic cutting of packages up to 6 m length. The parallel guided cutting unit fulfils the highest requirements of cutting accuracy and the compact design allows a space-saving set up. Easy installation and commissioning in 2 days.



Saw units - revoCUT & pc120



High-performance saw units for the most demanding requirements. Cutting direction can be horizontal or vertical – each also available in **Double Action** (cuts in both directions \updownarrow) configuration and individually combinable with various conveying options. Custom configurations available upon request.

- 11 or 15 kW saw engine
- maximum cut accuracy
- fully automatic control system
- adjustable cutting height
- package clamping systems
- noise protection enclosures
- various exhausting solutions
- and much more



- the kerf remains clear throughout the cutting process, preventing chain jamming
- a short angled guide bar ensures a smooth entry into the package
- pneumatic chain tensioning ensures consistent tension force



pc120 - horizontal cutting guidance



■ cutSTAR

cutSTAR travels to the cut position and the package remains stationary on the frame. The frame size is adaptable to your needs.



■ packCUT

The package frame can be configured according to your requirements. The saw moves on rails to the required position. Ideal for custom dimensions.





The ultraCUT precisely positions the package using a carriage, which is available in various sizes to suit your requirements.



revoCUT / pc120 with roller conveyors



The packages are loaded on to a roller conveyor of variable size and move forward to the saw. The length for the unloading of the packages is also individually customised and combinable with different transport solutions.



revoCUT / pc120 with chain conveyors



Chain conveyors are perfectly suited for the forwarding of packages of short length such as MDF, chipboard and composite materials as these systems are continuous and without any interruption. They are also the best solution when fragile surfaces have to be transported.



Options

Many options and extensions are available for all PRINZ high capacity installations.



several control systems from manual to automatic



laser light for showing cut position



serial cuts



length measuring



kerf opening



various solutions for waste removal



customised housings for operator protection and noise reduction



safety curtains and holding down pressure pads



palletising of your packages, semi- and fully automatic control system



strapping machine with optional magazine for bearers, semi- and full automatic control system



x-cut - combine as many saw units as needed



maintenance bridge



cross conveyors for loading and unloading of packages

Package aligner

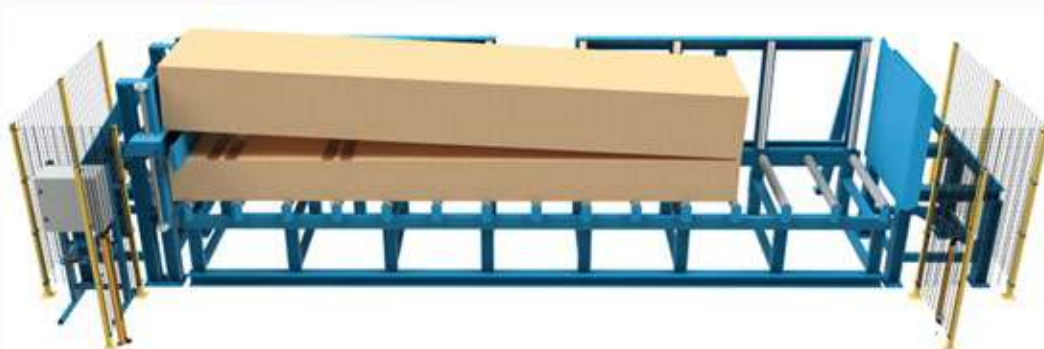


Designed for efficiency and precision, the **package aligner** enables optimal alignment of your lumber packages. The hydraulically operated installation ensures easy alignment of wood packages and reduces additional end cuts.



Options

The package can be lifted out at the required position, enabling an easy repositioning of the sticks. This can be made on one side or both sides.



PRINZ saw chains



■ Scraper chains

Particularly suited where a clean, smooth and exact cut finish is required. The special cutting geometry in combination with a large quantity of cutters guarantees this cut finish. Due to the number of cutters, the chain runs smoothly. Scraper chains make it possible to reach best cut accuracy.

optiCUT

Pitch: 20 mm

Thickness of the link: 3 mm

Characteristics: big chip angle for optimised sawdust removal, enabling a faster cut feed.



proCUT

Pitch: 15 mm

Thickness of the link: 3 mm

Characteristics: the small pitch gives a great stability to the chain during the cut and the chain generates less noise. Slightly better life span when comparing to a chain with 20 mm pitch because the chain has more teeth.



multiCUT

Pitch: 15 mm

Thickness of the link: 3 mm

Characteristics: same is valid as for the proCUT chain. In addition the chain has a special coating on all cutters, enhancing the life span up to 50%.



■ Carbide tipped chains

duraCUT

Pitch: 15 mm

Thickness of the link: 3 mm

Characteristics: same as for proCUT chain, but the life span is 6 times longer than a conventional chain. This chain is particularly suited for high capacity package saws for pallet producers or to process hardwood.



■ Chipper chains

PRINZ chipper chains are mainly used to process logs. With a special grind, the chipper chains are also suitable for longitudinal cuts.

timberCUT

Pitch: 20 mm

Thickness of the link: 3 mm

Characteristics: large chip angle for sawdust removal, enabling a faster cut feed than with a 15 mm chain pitch.



logMAX

Pitch: 15 mm

Thickness of the link: 3 mm

Characteristics: increased life span due to the small pitch of 15 mm, better stability of the chain during the cut. Slightly better longevity when compared with a chain with 20 mm chain pitch because the chain has more teeth.



PRINZ guide bars



PRINZ guide bars, sprockets and pulleys, as well as all the other parts, are all manufactured in-house at Loosdorf in Austria. PRINZ offers cutting equipments for nearly all saw types available on the market – including machines from manufacturers such as Holtec, Storti, Österle, Dolmar, and many others, as well as for joinery and portal machining systems.



The guide bars are available in three main types and multiple length options.

high frequency hardened

PRINZ

with special hard faced edge
on both sides

PRINZ

EXPERT-LINE

EXPERT PRINZ LINE

■ PRINZ EXPERT-LINE guide bars

The guide bars of EXPERT-LINE series meet the highest demands in the cutting area.

- running surfaces are renewable multiple times
- running surfaces with special reinforcement for extreme durability
- running surfaces with excellent glide properties for the saw chain
- precise cutting accuracy due to torsion-resistant base material



EXPERT-LINE guide bars are available for saws from manufacturers such as PRINZ, Holtec, and Storti.

About us



V1-25 | Errors and misprints excepted.

PRINZ GmbH is a family-owned Austrian company headquartered in Loosdorf.

For 75 years, we have stood for innovative cutting technology and top quality „Made in Austria“, relying on international partnerships in more than 120 countries.

Our dedicated team works every day to continuously improve our products, processes, and services – with precision, responsibility, and a clear focus on the future.



With subsidiaries in Germany and Poland, and an international dealer network in more than 30 countries, we are represented in all continents.

- Loosdorf 🇦🇹 – PRINZ Austria
- Haselbachtal 🇩🇪 – PRINZ Germany
- Poznań 🇵🇱 – PRINZ Poland

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