

Zenz - Sawing lines



Remote system

With this system, the cut material is pushed off the log during the return trip. In order to compensate for the differences in height with each cut, we use a scissor table. This means that the roller table always automatically adjusts itself to saw blade height. Once the cut material has been picked up, the roller table lowers and the cut material can be transported on to the right or left. This system is often used in fully automatic operation.

Hydraulic log feeder

Individual chain strands bring the logs to the saw. There it is lifted onto the saw by the log lifters. The chain strands are driven by a hydraulic motor. An even pull is achieved by a flow divider. The log feeder is operated via the saw's control system.



Cut tree slices.

It is also possible to fix logs vertically. This allows to cut slices of trees (for example, for table tops).



Sharpening

For the professional sawyer it is of great importance to have his own sharpening machine. We can offer you a dry sharpener and a wet sharpener. But with the automatic sharpening machine, absolute precision is required so that the grinding pattern is optimal. Experienced sawyers know that a lot can be broken here with a „cheap“ automatic sharpening machine.



Wet sharpening machine

NSG 200 We have designed the NSG 200 on the basis of the AHB type dry sharpening machine, which has proven itself for decades, in such a way that all operating elements are accessible both with the protective cover closed and with it open.



Rolling

For an optimal cutting quality and a long lifetime of the saw blade it is absolutely necessary to check the tension in the saw blade again and again and to re-roll if necessary.



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Proven in use for more than 30 years!

Zenz

MASCHINENBAU

We manufacture your
log band saw
at a
reasonable *price!*

Log band saw

Durability

All moving parts are equipped with wear bushings or plates. For you, this means that only these need to be replaced and no expensive machine parts.

Stability

There are no compromises for us here. Our base frame is welded. Our log band saws are designed from the ground up for the respective diameters. From the base frame with a standard stable beam all parts of the Zenz saw are matched to the respective passage.

Operational safety

We have succeeded in designing a precise, reliable log band saw without a lot of technical frippery. We use many standard parts in production and assembly. This means that spare parts can also be supplied on site.

Our log band saws are designed for professional use.

Our customers include full-time sawyers and, above all, sawmills that use our log band saw as their main saw or as a heavy timber saw. From a simple standard saw to a complete saw line with log infeed and cut material removal, we design and produce a saw for you that is exactly tailored to your application.

Special designs and fully automatic systems are also possible.

Remote with scissor table and brush unit

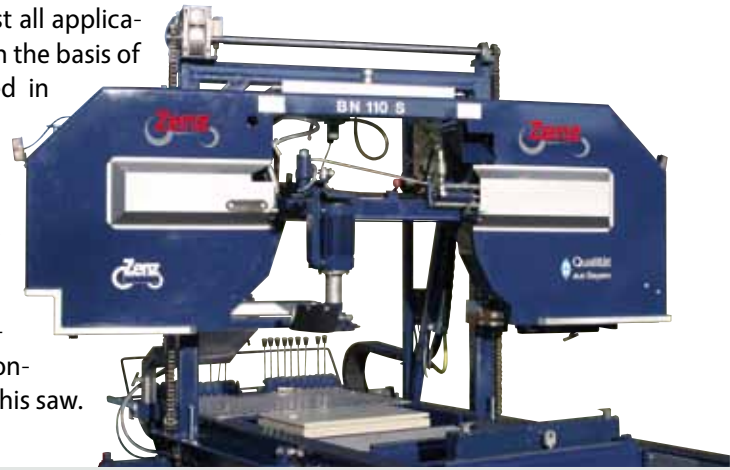
- Saw BN 110 S - „with remote system“
- Brush unit
- Roller table with scissor table and ejectors
- Roller conveyor with delivery table
- Fully automatic



Log band saw BN 110 S



Our all-round saw, ideally suited for almost all applications. All other types were also designed on the basis of this machine. This saw was first delivered in 1996. This means more than 25 years of experience. Since then, we have continuously improved the saw ourselves and based on suggestions from our customers. This has resulted in an absolutely „practical“ machine. However, the basic design has remained unchanged to this day. Almost 400 customers have already been convinced of the performance and quality of this saw.



Log band saw Z 140 S



The Z 140 S was developed on the basis of our proven BN 110 S. By widening the saw head, the passage could be increased by 30 cm.

The base frame and hydraulics are available in the identical design as for the BN 110 S as well as in a wider version.



Log band saw Z 160 S



With a roller diameter of 1000 mm and a saw blade of 130 mm width, this saw is ideally suited for the highest demands in the heavy timber sector.

The passage of 140 x 160 cm and a cutting width of 125 cm speak for themselves. The cutting depth (space above saw blade) of 53 cm leaves nothing to be desired.



Also *mobile*
usable

Mobile version

Due to the massive beam of the base frame, there is no need for tedious alignment of the saw. Eight mechanical screw supports ensure a stable hold, even if the ground is not ideal.



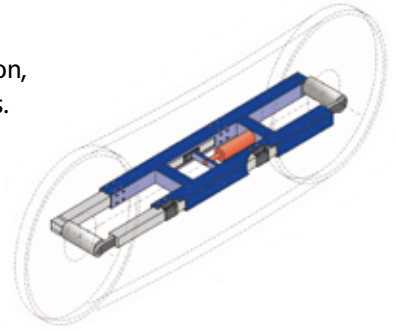
Blade guide

The saw blade is precisely guided by two adjustable Chaco guides. The material of the blocks is very low-wear and has been used successfully in log band saws for decades. The guide itself is very stable and welded to the band guide arm, not bolted. This prevents the guide from becoming misaligned in the event of incorrect operation.



Medium voltage

We have a real middle tension, which is not shifted upwards. This means that torsion due to oblique forces cannot occur at all. The tension is applied evenly on both sides via a frog.



Zenz saw head control

With the joystick, the saw head of our log band saw can be moved in all four directions (forward-backward-up-down) by one-hand operation. We use a frequency converter for a stepless feed. This allows very fine control of the feed rate.



Positioning control

Almost all of our log band saws that we deliver are equipped with a positioning control for setting the desired cutting thickness. This works faster and more accurately than positioning the saw head by hand.



PLC

We use a control system with touch screen for our log band saws, which has proven itself for many years and can also be used in mobile applications without any problems.



Luxury cabin

This cabin is hydraulically height adjustable. This has the advantage that the sawyer does not have to stand up to have the kerf always at eye level. Completely enclosed with light, heating, sound and heat insulation, this cabin meets the highest demands. Integrated headlights and sunshade film are also available. The windshield wiper is installed as standard.



Log lifter

Level compensation with clamps



Log roll



Log turner with chain



Log turner



Precutter



Longitudinal cutter



Brush

