

# Zenz

MASCHINENBAU



This saw was *developed* on the **BASIS** of the **BN110**, which has been *tried* and *tested* for decades and hundreds of times.

## *Ecoline*

### Main Frame

also here the base frame has a reinforced beam and is therefore suitable for strong and heavy logs. The base plates or log supporters connect the frame with the reinforced beam and create a great stability. These base plates or log supporters, are identical and therefore we can install either levellers or log rollers.

### Hydraulic

The log clamp turner is exactly the same as the one in the BN110.



A standard built in log holder grants the easy turning of shorts logs.



The squaring arms are identical in terms of bearing and adjustment options. One additional manual squaring arm helps assists you while cutting logs in length of 90 cm.



The leveller with claws move up and down in special guides. This ensures that the leveller is moved at an exact angle.



The claws are pluggable. Different claws heights are possible. The claws can be equipped with a claws protection.



There are also three holders for the claws. Working range is thereby increased enormously and lies at 85 - 665 mm.



[www.zenz.de](http://www.zenz.de)

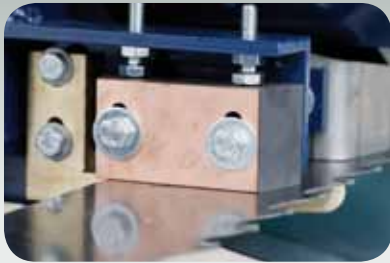
## Sawhead

As in the BN110, we use driving wheels with a diameter of 850 mm and large roller bearings. A special oil is used and therefore these bearings are maintenance-free. A wide distance between the bearings ensures that the two driving wheels are moved absolutely parallel. The protective covers are on both sides to the top to open. So the sawblade can be changed without problems at all.



The cooper cleaners are installed in a way that the sawdust will immediately get out of the sawhead and will not get onto the sawblade itself.

Generously laid felt plates keep the driving wheels clean and distributes the lubricant evenly. All copper cleaners and felt pads work by gravity. This prevents interference with defective springs.



## Sawblade guidance

The sawblade is guided by two adjustable Chaco guiders: The material of this guiders is low wear and it has been used for decades in the big vertical sawmill industries. The holder of this guidance is very stable welded and not screwed together with the guidance arm. Because of this, the guidance will not be disadjusted in case of a mistake or operation failure



## Zenz sawhead control

With the joystick you can operate the sawheads 4 directions (Forward - Backward / Up and Down) with one hand

We use a frequency inverter in order to get a stepless horizontal move of the sawhead. With this you can drive the sawhead in a very smooth way.



## Computerized positioning

This standard built in computerized positioning system will help you to get the exact board thickness that you are aiming to get. This positioning system works faster and more accurate than manually positioning

## Lubrication

The lubrication of the driving wheels and the sawblade is done through a magnetic valve that starts working as soon as the main engine starts. The amount of oil is manually adjustable.

## Water Tank

While cutting resinous woods, like for example Larch, the best tested and proved system to keep the blade clean is water. This is easily done with this standard built in water tank. Its way of working is similar to the oil lubrication.

The **ECOLINE** is available *stationary* or *mobile*.



Lengmoos 10 | 83536 Gars/Inn  
T. +49 8072 9194-0 | F. 9194-30  
info@zenz.de | www.zenz.de

