

MEC 391

Fully automatic levelling machine for band saw blades



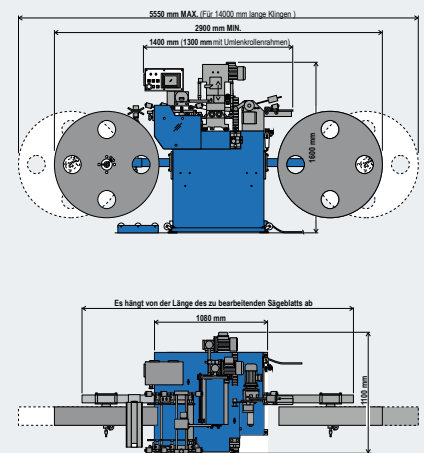
Timber cutting in the sawmill is always associated with precise tools. Our Mecomat levelling machine removes unevenness on the saw blade.

Via the four levelling rollers, the levelling is done convexly and concavely from both sides of the saw blade, which leads to better results and thus increases the quality of the tools.

Highlights

- ✓ Intelligent programmable controller with digital recording for all cycles and operations
- ✓ The band saw blades are machined according to their blade thickness and elasticity until the result corresponds to your desired result or corresponds to the specified tolerances
- ✓ The roller pressure is adjusted by means of a scale for different saw blade thicknesses.
- ✓ Levelling: Two CNC-controlled pairs of rollers, positive and negative, level out the unevenness (bumps & dents) depending on the size
- ✓ The band saw blade is flattened on both sides at the same time, which leads to better results
- ✓ The saw blade is straightened in several passes until the set values are reached.
- ✓ The working speed is around 10 m / min

Technical Data



GENERAL INFORMATION:

Working speed	approx. 10 m / min
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BAND SAWS:

Blade width	50 – 300 mm
Blade thickness	0.8 – 2.0 mm
Blade length	5'800 – 14'000 mm

PROPERTIES:

Electrical connection	400 V 3Ph N
Connected load	2.5 kVA
Working pressure	2.5 – 3.0 bar
Compr. air supply	5 bar
Weight	approx. 850 kg