BNR 100

Auto bench for Bandsaw blades
Fully automatic complete processing



ISELI has set new standards on the world market with its fully automatic straightening centre.

The band saw blades can be clamped, levelled and straightened in one set-up. The measurement takes place over the entire saw blade by means of high-resolution sensors.

This process is patent-protected and guarantees the best results.

Highlights

The machine is equipped with a high-performance control system and the reliable LINUX operating system.

During the leveling process, two CNC-controlled pairs of rollers (positive/negative) are used to process and remove dents and bumps.

The tensioning curve of the bandsaw blade and the straightening curve of the saw blade back are freely programmable and storable. These two operations are carried out via a separately arranged pair of tensioning rollers.

The user-friendly user interface with a complete overview of the "leveling", "tensi-oning" and "straightening" processes offers a maximum overview and even more control.

The work sequence of the leveling, tensioning and straightening processes can be freely configured and called up.

New "Expert-program": Everything on one page for extra time savings in manual intervention.

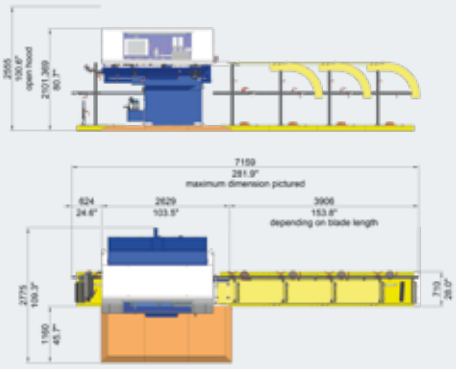
With optimized weld-seam program for the production of new bandsaw blades.

Application programmes



Levelling | Tensioning | Straightening

Technical Data



GENERAL INFORMATION:	
Working speed	approx. 18 m / min
Measuring station (sensor technology)	patented

BAND SAWS:	
Blade width (Standard)	70 – 210 mm
Blade width (Option)	up to 360 mm
Blade width (Option)	from 50 mm
Blade thickness	0.7 - 2.0 mm
Blade length (Standard)	from 8'000 mm
Blade length (Option)	from 5'000 mm

PROPERTIES:	
Electrical connection	400V 3Ph N
Connected load	5.0 kVA
Compr. air supply	6 bar
Weight	approx. 2'550 kg