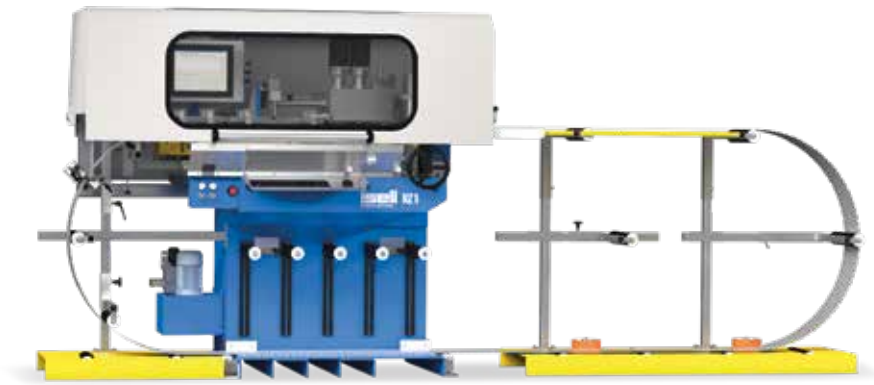


# RZ 1

## Fully automatic CNC controlled levelling- and tensioning center for band saws



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

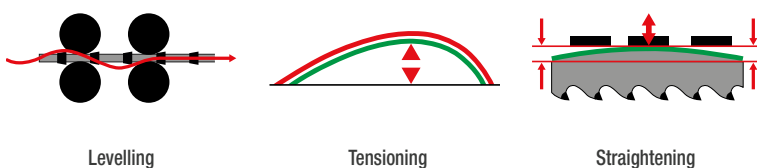
The band saw blades can be clamped, levelled and straightened in one set-up. The measurement takes place over the entire saw blade by means of high-resolution sensors.

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

### Highlights

- ✓ Fully automatic leveling, tensioning and back measuring-adjusting of the saw blades in one operational setup
- ✓ The measurement is carried out over the entire saw blade by means of high-resolution sensors. Patented and unique worldwide.
- ✓ Hardened levelling rolls and tungsten carbide tensioning rolls guarantee a long service life.
- ✓ Freely programmable control with touch screen.
- ✓ The sequence of levelling, tensioning and straightening can be called up and programmed.
- ✓ Levelling: Two pairs of CNC-controlled rollers, positive and negative, compensate the unevenness (bumps & dents) proportionally depending on the size.
- ✓ The tensioning curve of the saw blade and the straightening curve of the blade back are programmable and storable.
- ✓ The saw blade is tensioned and straightened in several passes.

### Application programmes

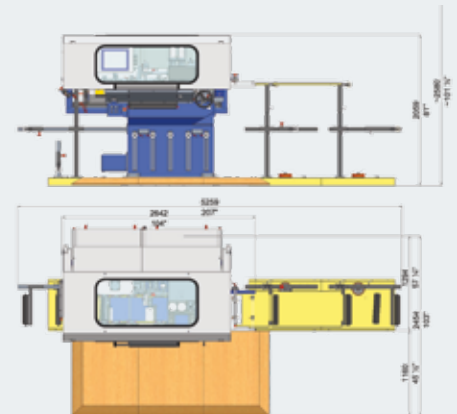


Levelling

Tensioning

Straightening

### Technical Data



#### GENERAL INFORMATION:

Working speed	approx. 15 m / min
Messstation (Sensorik)	patentiert

#### 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