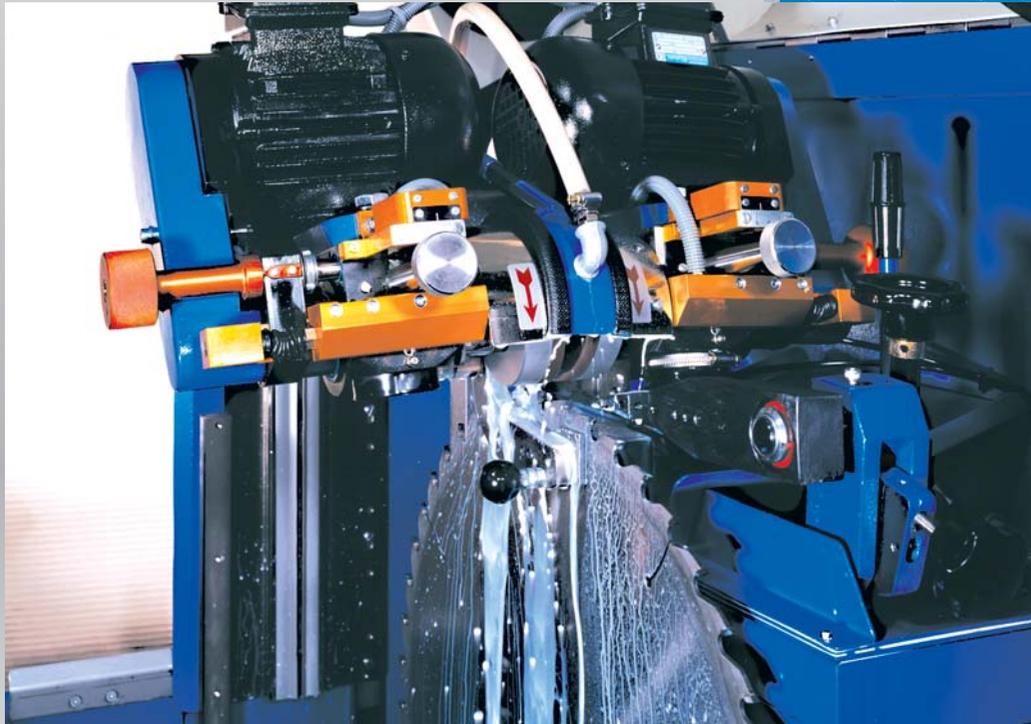


Side grinding machine

The machine for side grinding of log band saw blades, circular saw blades and gang saw blades



Tooth by tooth
for a fine faced tooth
giving burr free finish.



Specification

- Voltage supply: 400 V 3 Ph.N
Load feed line amperage rating: 6 A
- Two grinding motors: 400 V, 0,75 kW
Driving motor: 0,25 kW
Cooling pump: 0,12 kW
- Tooth shapes ground: All common shapes
- Tooth pitch range: 15 to 100 mm (4")
- Front face rake angle range: 0° to 35°
- Clearance angle range: 0° to 20°
- Flank clearance angle range Face: 0° to 7°
- Flank clearance angle range Back: 0° to 7°
- Feed speed: 12 teeth/ minute or 24 teeth/ minute
- Option: Frequency converter for feed speed (number of teeth each minute). Variable feed speed.
- Grinding-wheel: Cup Form
Outer Diameter: Ø 100 mm
Bore diameter: Ø 20 mm
- Grinding spindle speed: 6000 RPM
- Blade Machining Ranges Log band saw blades:
Blade length: from 6000 mm
Blade width range: 50 to 350 mm
Blade thickness: from 0,8 mm
- Circular saw blades
Blade diameter range (Standard): 180 to 800 mm
Blade diameter range (Special order): up to 1300 mm
Blade thickness range: up to 6 mm
Bore diameter range: 22 to 210 mm
- Gang saw blades:
Toothed length range: up to 1300 mm
Blade width range: 75 to 180 mm
Blade thickness range: from 0,8 mm
- Machine Packing Data:
Dimension: 220 x130 x 190 cm
Weight of machine: net 670 kg, gross 890 kg

All ISELI Products are subject to continuous Design and Development and are therefore subject to change in construction and performance.

SGS Zertifikat ISO 9001



Control unit

iseli EBW-V

Side grinding machine TYPE EBW-V

- A machine of extremely stable construction, embodying state of the art technology.
- The machine for side grinding log band saw blades, circular saw blades and gang saw blades.
- Mechanic control.
- Feed speed by 2-step motor.
- If requested, variable feed speed adjustment by frequency converter (10 to 30 teeth/minute).
Greatly reduced grinding times.
Smoother wet ground surfaces.
- Less wear of the grinding-wheel.

- Application of CBN Grinding-wheels (Borazon).
- Option: Pneumatic blade clamping.
Constant tooth position for all kinds of saw blades reducing machine adjustment time.
Elimination of linear guide slides: virtually no maintenance demands.
Integrated grinding spindle height adjustment from the front of the machine.

Rely on ISELI for precision made quality machines from Switzerland

