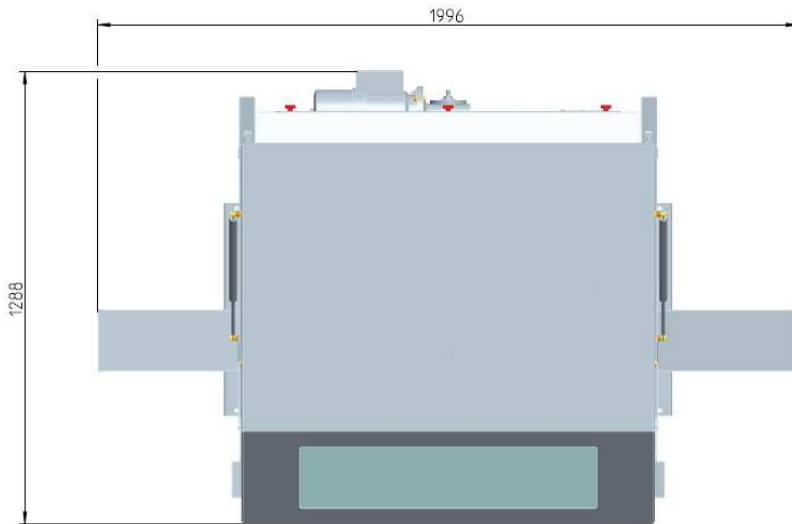


bs 6

Specifications



Corundum grinding-wheel diameter: Ø 300 mm
Bore diameter: 32 mm
Width: 6/8/10/12 mm

CBN grinding-wheel Diameter: Ø 250 mm
Bore diameter: 25/32 mm
Width: 6/10 mm

Single tooth shape cam or
a bank of 3 cams

- Tooth pitch: 25 - 60 mm
- Tooth height: 6 - 20 mm
- Front rake angle: 5 - 35 °

- Blade width: 70 - 360 mm
- Blade length: 5'600 - 14'000 mm

Feeding speed with
frequency converter: 12 - 40 Z/min

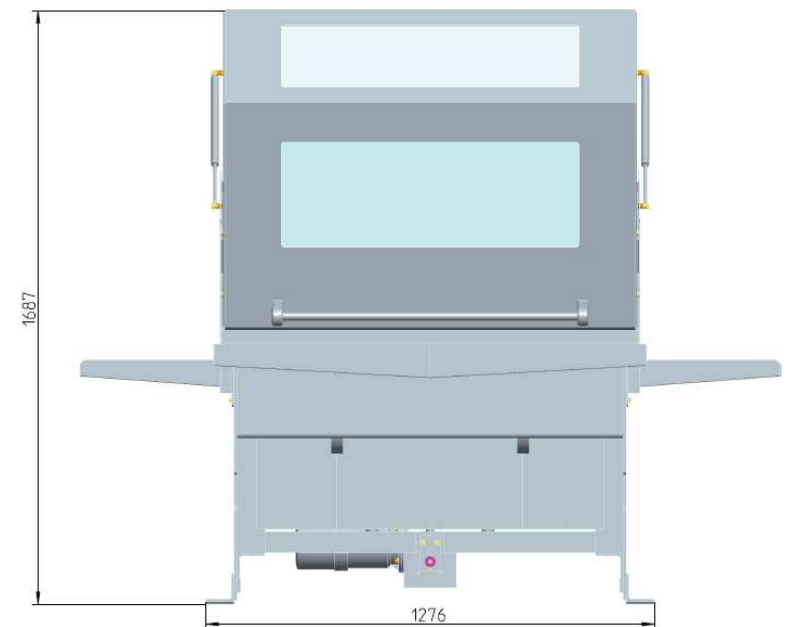
Peripheral speed of
grinding-wheel: 35 m/sec.
with frequency converter: 25 - 60 m/sec.

Standard voltage
standard: 400V, 3Ph, N

• Connected load: 3,0 kW ca.

Weight of machine: 690 kg
Packing (case) 240/160x190 cm

Subject to alteration in design for
technical advancement.

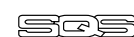
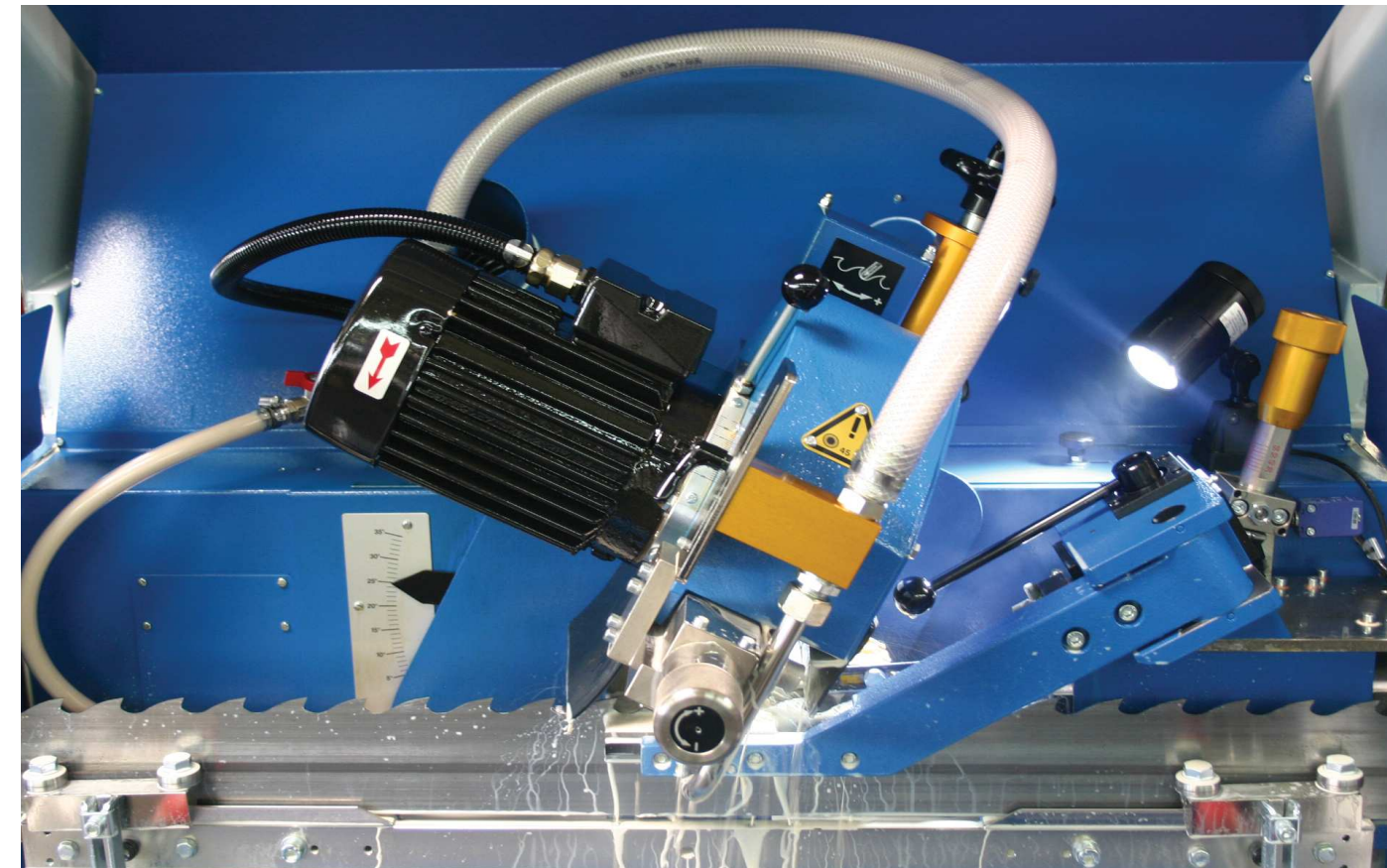


Conception and design of the machine are
very operator friendly.

iseli bs 6

Automatic sharpening machine for
log band saw blades and band
resawing blades.

Option for fully automatic function



Certificate ISO 9001:2000



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

Our strength: Productive solutions with highest accuracy

For more than half a century the ISELI brand has stood for quality Swiss precision and excellent service to customers.

Tool grinding lies at the heart of the economic viability of modern grinding shops and sawmills. Today's sawmills, grinding shops and saw blade manufacturers expect reliability and the highest quality when undertaking saw blade maintenance.

ISELI machines are at the forefront of design technology with ease of maintenance and operation built in. We provide an outstanding range of solutions and accessories designed using our unique experience and know-how of mechanical engineering and software development. We can supply individual constructions and custom-tailored solutions.

We at ISELI offer an excellent after-sale service to support our customers and can supply 95% of original spare-parts from stock.

The most important features

- Our band saw blade sharpening machine bs 6 has a robust steel design with a fully enclosed protection hood
- The complete feed unit is running in the oil bath what makes it maintenance-free. The feed mechanism lifts on its return stroke eliminating drag-back
- Mechanism and grinding head guides with tempered shafts and ball bush bearings giving very long life (minimum maintenance and no greasing points)
- Operation of the machine by use of a touch screen monitor
- The standard machine is equipped with a large Corundum grinding-wheel of 300 mm of diameter
- Feed speed regulator with frequency converter, four speeds are programmable when grinding the profile
- Modern, neatly arranged selective programme control and very operator friendly
- Front rake angle adjustable by spindle and well-positioned scale.
- Powerful water cooling system to accept Corundum grinding-wheels.
- The basic machine is equipped with:
 - mechanical blade clamping
 - automatic grinding-wheel feed
 - selector switch for 3 grinding programmes
 - motor adjustment of the blade height
 - Built-in manual grinding-wheel dressing device
 - 1 set of lateral and backward blade supports are integrated
- Tooth pitch cam, 25mm bis 60 mm
- The latest CE-regulations are completely observed. The electrical equipment corresponds with IEC-204-1 standards



Further qualities

- The tooth shape cam is interchangeable
- The use of well tested components and coupled with rigorous quality control during production secures a troublefree performance and long service life
- The concept of the machine allows ease of use and is extremely user friendly
- The fully enclosed protection hood with wet-grinding equipment provides maximum safety for the operator and reduces noise drastically
- Excellent surface finish when using Corundum grinding wheels as well as CBN grinding wheels for wet grinding.

Special equipments and options

- Speed regulator for grinding-wheel by frequency converter from 25 to 60 m/sec
- Adjustable tooth pitch from 25 to 60 mm
- Single stands with manual or electric height adjustment
- Lever control for 3 different tooth shapes
- Backward feed with cardan shaft
- Automatic removing of the grinding-wheel from the tooth face at the last run
- The use of CBN grinding-wheels increases accuracy and secures a constant tooth shape