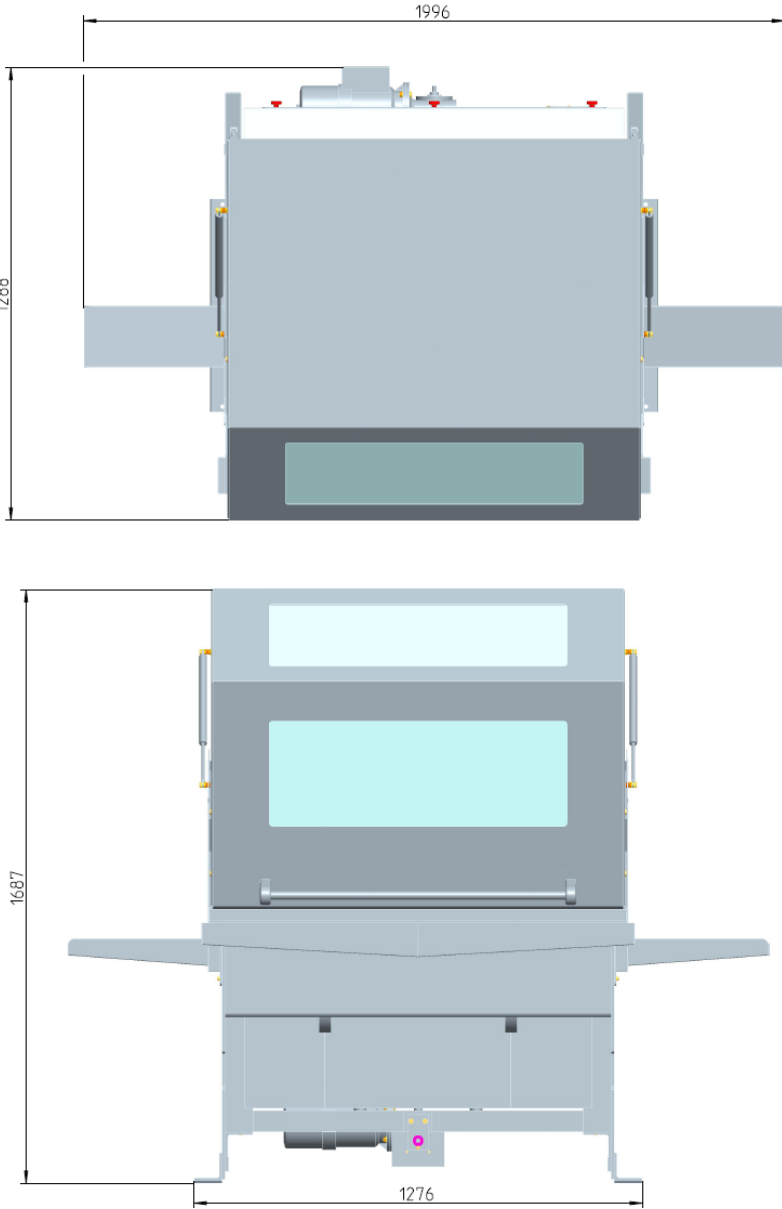


bc 035

Specifications



Tooth pitch	10 - 60 mm
Tooth height	until 30 mm
Front rake angle	0 - 35 °
Tooth shapes	selectively
Tooth face angle	0° - 35 °
Tooth back angle	0° - 25 °
Sawblade diameter	350 mm
Bore	32 mm
Peripheral speed of grinding-wheel by frequency	25 - 60 m/sec
Blade width standard	75 - 360 mm
Blade width optional	25 - 360 mm
Blade length	5.6 - 14.0 m
Connected load	3,0 kW ca.
Compressed air supply	6 bar
Feeding speed with frequency converter	10 - 30 z/min.
Weight of machine	1'200 kg
Height of machine	180 cm

Subject to alteration in design for technical advancement.

Special executions on request.

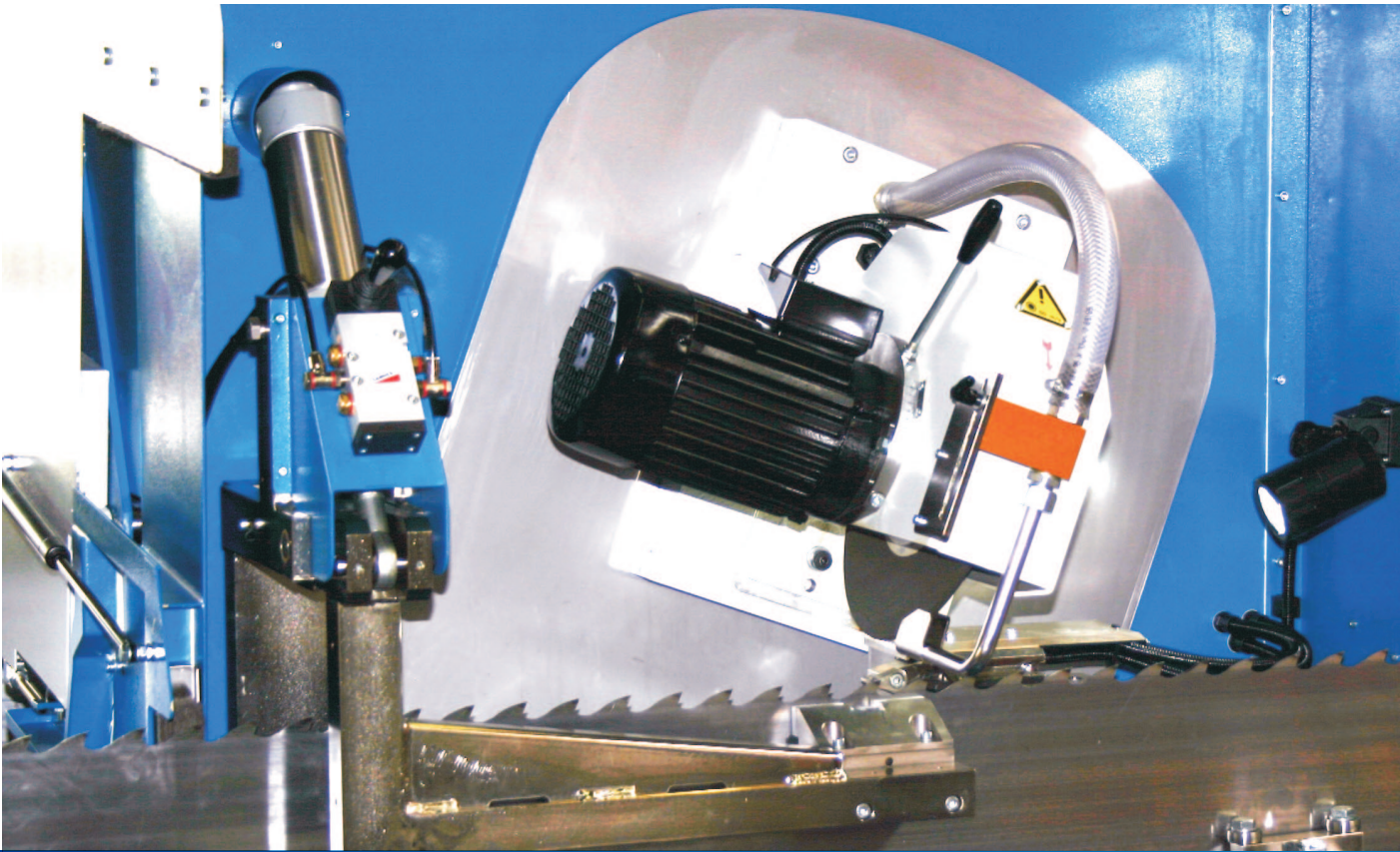


Certificate ISO 9001:2002

Conception and design of the machine are very operator friendly.

iseli bc 035

CNC controlled sharpening machine for
wet grinding bandsaw blades
für high precision in sharpening



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



ISELI & Co. AG
Luzernerstrasse 31
CH-6247 Schötz

MASCHINENFABRIK
Telefon 041 984 00 60
Telefax 041 984 00 66

SWITZERLAND
office@iseli-swiss.com
www.iseli-swiss.com

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

- Powerful grinding-mist exhaust included
- The machine is available for right and left blades
- The low construction height of the machine enables easy loading of the saw blades
- Built-in CNC-grinding-wheel dressing device
- 1 set of lateral and backward blade supports are integrated in the standard machine
- Pneumatic saw blade clamping
- Large grinding-wheel diameter up to 350 mm
- The operation of the machine is executed by touch screen on the monitor
- The tooth height and tooth pitch can be changed and adjusted during grinding process
- The grinding-wheel peripheral speed can be adjusted by frequency converter
- Motor adjustment of the blade height
- feed finger swings out on return stroke preventing any pull back of the saw blade
- Mechanism and grinding head guide with tempered shafts and ball bush bearing giving very long life
- The latest CE-regulations are completely observed. The electrical equipment corresponds with IEC-204-1 standards



Options

- The requested number of tooth shapes are programmed, transfer by EPROM
- Programme for construction of individual tooth shapes
- Programme for standard variable tooth pitches
- Lateral and backward blade supports with central height adjustments
- Auxiliary backward feed, pneumatic control
- Tooth shape with frost notch (notch at the tooth point)