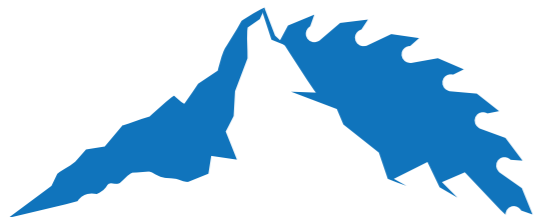


EBW-V

With common goals together on top

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

Due to the high flexibility, our expert team is always in a position to meet with the current requirements. Customer focus is not only written, it is lived daily. With the philosophy „together on top“ ISELI wants to realize common goals with the customers.



The system engineering of our products results in the highest functionality and ease of maintenance. Custom-tailored requirements are mostly realized. ISELI consistently relies on the latest technologies and long-life components – of course, the maintenance and repair costs are kept as low as possible. Quality that pays off!

To support a smooth work at our customers, we at ISELI offer an excellent after-sale service and can supply 95% of original spare-parts from stock.

Precision, economic viability and innovation

ISELI is one of the leading providers in the processing of band, gang and circular saws. The ISELI team in Schötz produces all machines in Switzerland and guarantees a high technical know-how with experience for more than 70 years.



Technologies for band saws

The worldwide largest selection for the processing of band saws. From automatic machines up to 6-axes-driven machines, ISELI leaves nothing to be desired.



Technologies for circular saws

ISELI sets new standards for carbide-tipped circular saws with the world's first fully automatic circular saw sharpening machine, which does all grinding processes (face, back, chip breaker and flanks) in one only operation.



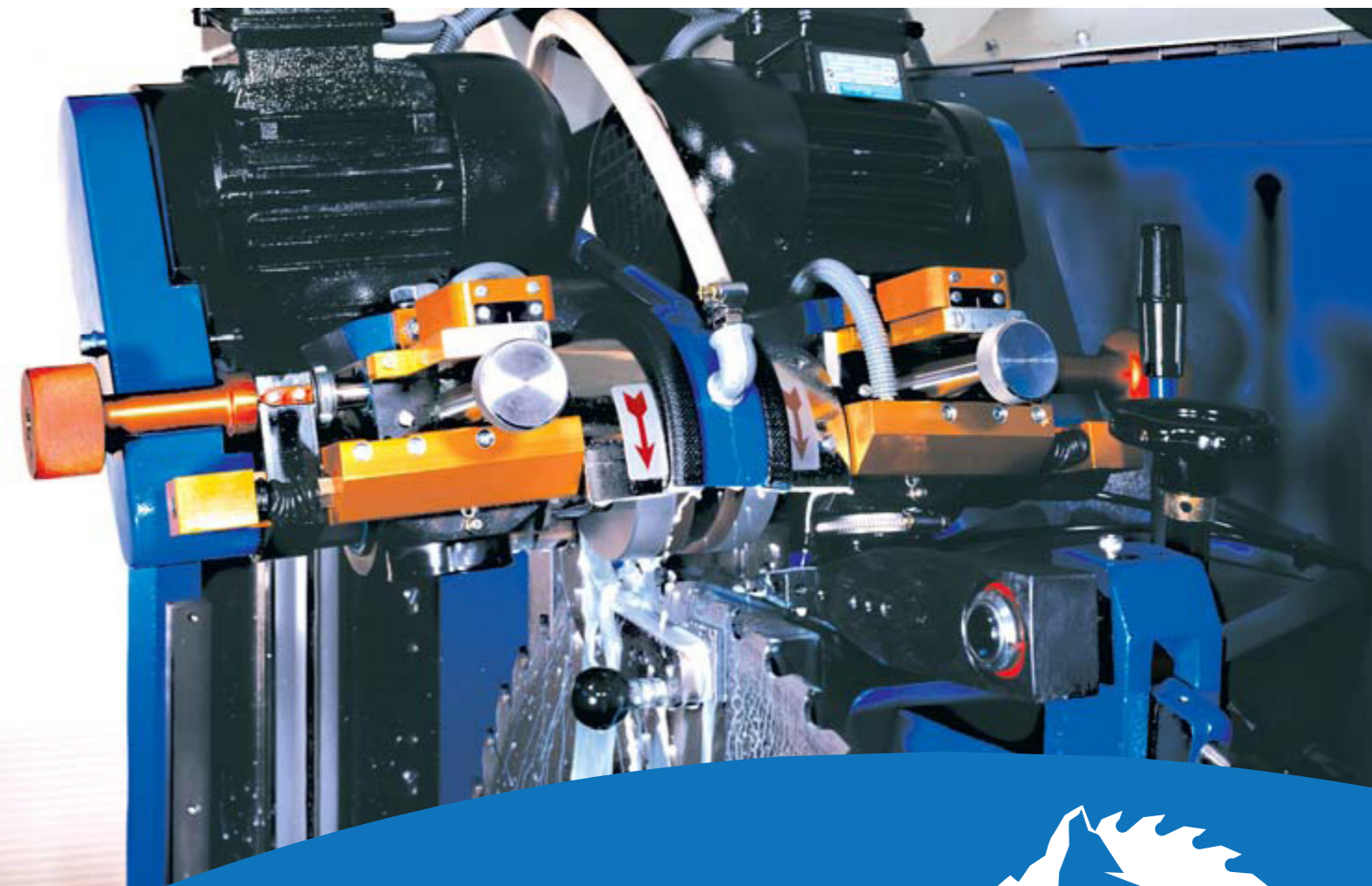
Technologies for gang saws

In 2012, ISELI started a new trend with the gang saw machine type of GS4. Optimize your business processes with new services!

With annual innovations and developments ISELI pursues ambitious targets.

EBW-V

Automatic side grinding machine for band, circular and gang saw blades in wet grinding
 the most cost-effective alternative with proven Swiss quality and precision



Specifications

Basic information:

Tooth pitch	15 - 100 mm
Front rake angle	0 – 35°
Clearance angle Tooth face	0° - 7°
Clearance angle Tooth back	0° - 7°
Working speed	10 - 30 t / min**

Band saws:

Blade length	from 6000 mm
Blade width	50 - 350 mm
Blade thickness	from 0.8 mm

Circular saws:

Circular saw diameter	180 - 800 mm
Circular saw diameter (Option)	up to 1300 mm
Blade thickness	up to 6 mm

Gang saws:

Toothed length	up to 1300 mm
Blade length	75 - 180 mm
Blade thickness	from 0,8 mm

Power requirements:

Standard Voltage	400 V 3 Ph. N
Connected load	5.5 kVA
Grinding motors (2)	400 V / 0,75 kW

Shipping information:

Dimension of packing	220 x 130 x 190
Net weight	approx. 670 kg
Gross weight	approx. 890 kg

** Working speed is according to tooth shape, tooth pitch and feed system

Subject to alteration in design for technical advancement.

Special executions on request.

Certificate ISO 9001



Reliable technology combined with latest components

The mechanical controlled EBW grinds the tooth sides of your saw blades. It can be configured for wet or dry grinding (Type EBN) and is distinguished for its high functionality and excellent cost-performance ratio.

The robust design guarantees an extremely long lifetime coupled with high precision and low maintenance. The separation of working area and machine area protects the electrical and mechanical systems, cuts down on maintenance and allows easy access to important components for servicing.

ISEL is providing an outstanding range of solutions and accessories designed using our unique experience and know-how of mechanical engineering and software development.

Our innovative grinding solutions prolongs the tool life of your saw blades and boosts the productivity of your grinding room.

The most important features

- Our side grinding machine EBW-V has a robust steel design with a fully enclosed protection hood. The robust design guarantees an long lifetime coupled with high precision and low maintenance.
- The use of proven components and aggregates as well as in-process quality control are the basis for operational safety, optimum work results and durability.
- Very short adjusting operations because the tooth position remains the same for all types of saw blades.
- Powerful water cooling within fully closed protection hood; Elimination of linear guide slides.
- Feed speed by 2-step motor. The grinding-wheel peripheral speed can be adjusted by frequency converter (10 to 30 teeth per minute).
- Minimum wear of grinding wheels and much reduced grinding times.
- The use of CBN grinding-wheels increases accuracy and secures a constant tooth shape.
- Integrated grinding spindie height adjustment from the front of the machine.
- The latest CE-regulations are completely observed. The electrical equipment corresponds with IEC-60204-1 standards.