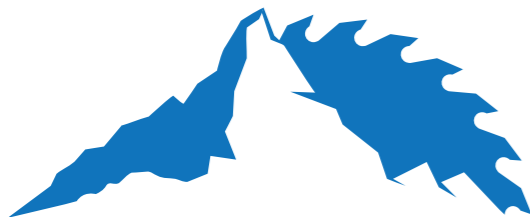


EM 2

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

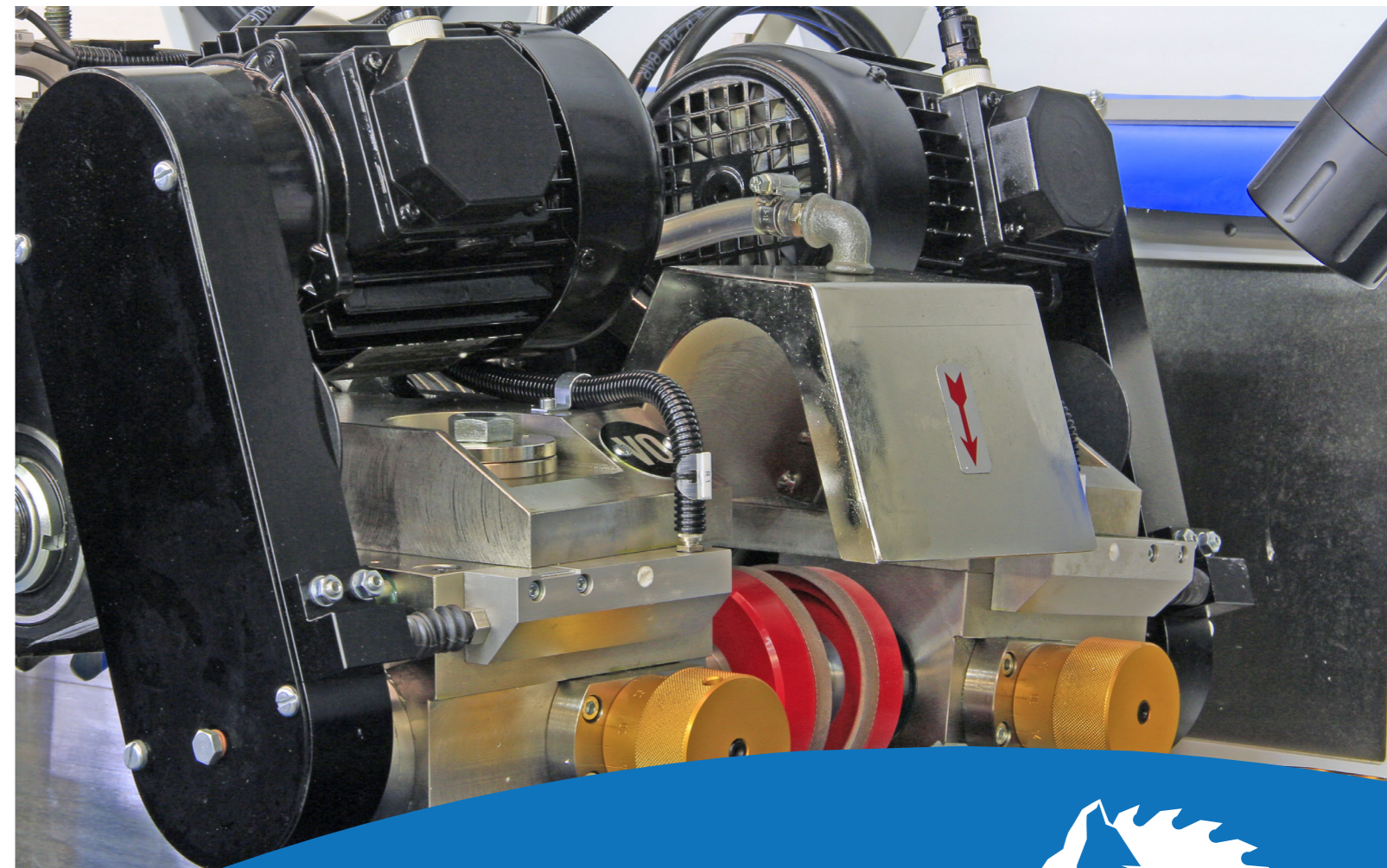
In 2012, ISELI started a new trend with the gang saw machine type of GS4. Optimize your business processes with new services!

With annual innovations and developments ISELI pursues ambitious targets.

EM 2

Automatic hydraulically controlled side grinding machine for band, circular and gang saw blades in wet grinding

more than 100 time proven and used machine with perfect and accurate results



Specifications

Basic information:

Tooth pitch	13 – 127 mm
Front rake angle	0 – 35°
Clearance angle Tooth face	0° - 7°
Clearance angle Tooth back	0° - 7°

Band saw blades:

Blade length	from 5'500 mm
Blade width (Standard)	60 – 360 mm
Blade width (Optional)	from 30 mm
Blade thickness	from 0.7 mm

Circular saw blades:

Outer diameter	250 – 800 mm
Bore diameter	22 – 210 mm

Gang saw blades:

Toothed length	up to 1'500 mm
Blade width (Standard)	75 – 180 mm

Power requirements:

Standard Voltage	400 V 3 Ph. N
Connected load	5.5 kVA

Shipping information:

Dimension of packing	240 x 130 x 190
Net weight	approx. 930 kg
Gross weight	approx. 1'030 kg

Subject to alteration in design for technical advancement.

Special executions on request.

Certificate ISO 9001



Reliable technology combined with latest components

The hydraulically controlled side grinding machine of the type EM2 impresses in daily use. The machine is easy to operate and has an excellent accessibility. Thanks to continuous development, the machine impresses with their durability and extreme precision.

The synergy of advanced electronics coupled with proven, durable components and the usual quality of ISELI leaves no questions for any doubt.

ISELI 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.

Over 100 satisfied customers can not be wrong. Ask for a reference list ISELI and convince yourself with high functionality and excellent cost-performance ratio.

The most important features

- Our band saw blade side grinding machine EM2 has a robust steel design with a fully enclosed protection hood. The machine is hydraulically controlled and equipped for circular, band and gang saws.
- Modern and user - programmable control unit and digital temperature display (optional).
- 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.
- Continuous adjustment of the working speed (hydraulic).
- The two sturdy grinding units with grinding wheel diameters of 75, 100 or 125, guarantee a good machining output coupled with high precision and grinding quality.
- Reduced grinding times and low wear of the grinding wheels.
- Hydraulically operable blade clamping equipment providing a powered balance during blade feed movements and incorporating pivotable clamping equipment displacement to facilitate blade changing.
- Auxiliary hydraulic blade tooth clamping equipment for stabilization of thin teeth during grinding allowing higher tip grinding tolerance.
- Pivotable feed motion at the grinding point for circular saw blades.
- Integrated grinding spindle height adjustment from the front of the machine.
- The latest CE-regulations are completely observed. The electrical equipment corresponds with IEC-60204-1 standards.