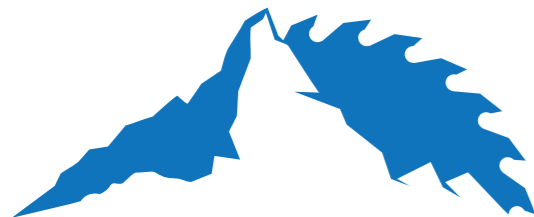


GS1

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.



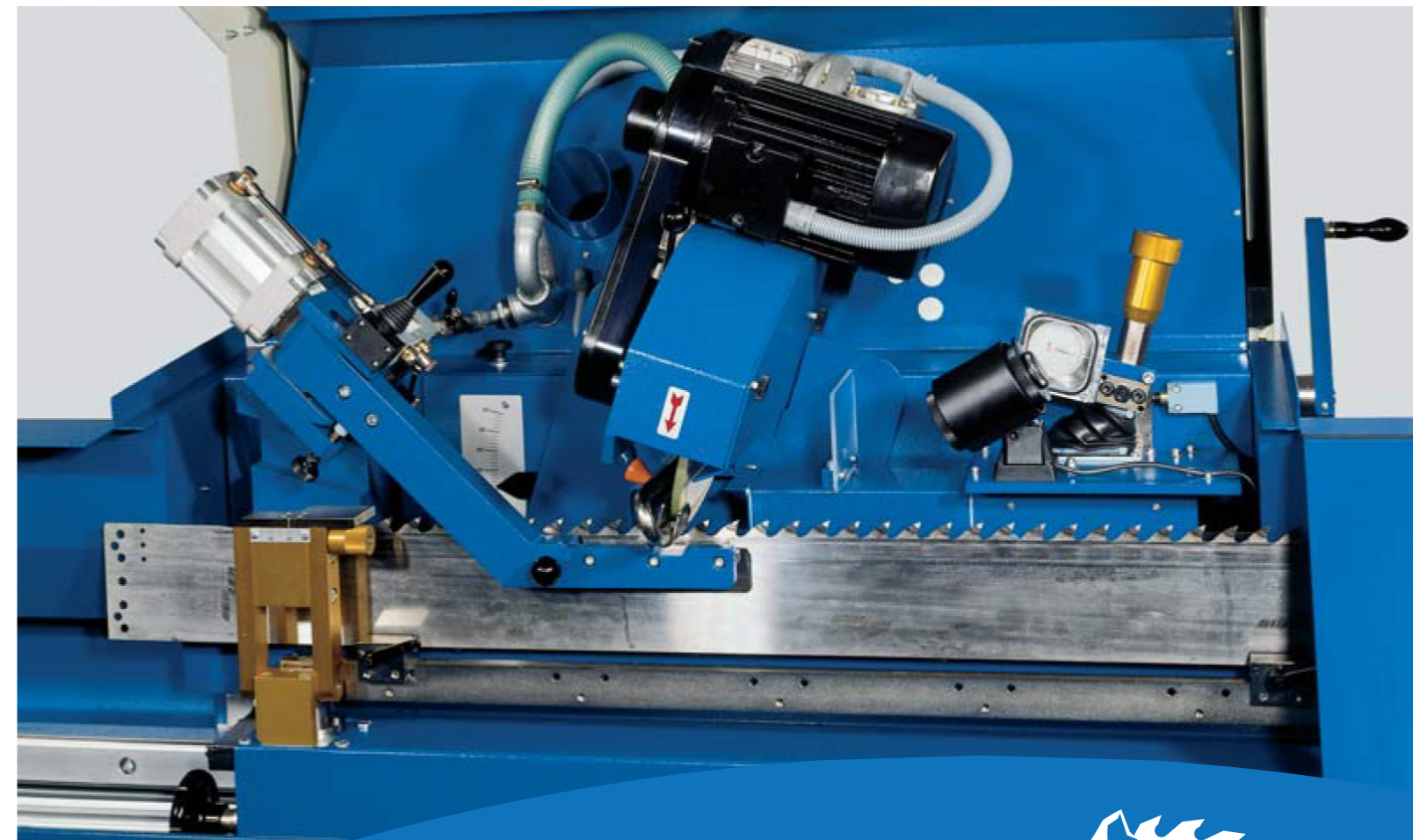
Technologies for gang saws

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.

GS1

Automatic controlled sharpening machine for gang saw blades in wet grinding
a toothed rack with 4 tooth pitches is optionally available



Specifications

Basic information:

Tooth pitch	18 - 35 mm
Tooth height	6 - 30 mm
Tooth face angle	5 - 25°
Tooth shapes	Pointed, curved, hooked

Grinding wheel:

Outer diameter Corundum	300 mm
Bore diameter	32 mm
Peripheral speed	programmable

Gang saw blades:

Blade width	60 - 160 mm
Toothed length	1'400 mm

Power requirements:

Standard Voltage	400V, 3 Ph N
Connected load	3.0 kVA

Air supply:

Compressed air supply	6 bar
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Shipping information:

Dimension of packing	370 x 135 x 190
Net weight	approx. 1070 kg
Gross weight	approx. 1200 kg

Subject to alteration in design for technical advancement.

Special executions on request.

Certificate ISO 9001



Easy handling, best precision

The cam-controlled machine of type GS1 sharpens the complete profile of your gang saw blades. The machine is robust, functional and is convincing with a high functionality and excellent cost-performance ratio.

The robust design of the GS1 guarantees an extremely long lifetime coupled with high precision and low maintenance. Separation of machine and working areas for longer lifetime with the effect of reduced maintenance.

The tooth shape cams can be quickly exchanged with just a few simple adjustments, making it easy to grind different gang saw blades.

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.

The most important features

- Our gang saw blade profile grinding machine of type GS1 has a robust steel design with a fully enclosed protection hood. The robust design guarantees an extremely long lifetime coupled with high precision and low maintenance.
- The cam-controlled machine sharpens the complete profile of your gang saw blades. The tooth shape cams can be quickly exchanged with just a few simple adjustments, making it easy to grind different gang saw blades.
- 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.
- 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.
- The standard machine is equipped with a large corundum grinding-wheel of 300 mm of diameter.
- Powerful water cooling system to accept Corundum grinding wheels within fully closed protection hood.
- Feed speed regulator with frequency converter, four speeds are programmable while grinding the profile.
- Front rake angle adjustable by spindle and well-positioned scale.
- Operation of the machine by use of a touch screen monitor. Modern, neatly arranged selective programme control and very operator friendly.
- Precision linear guide for carriage and precision spindle height adjustment for blade width.
- The latest CE-regulations are completely observed. The electrical equipment corresponds with IEC-60204-1 standards.