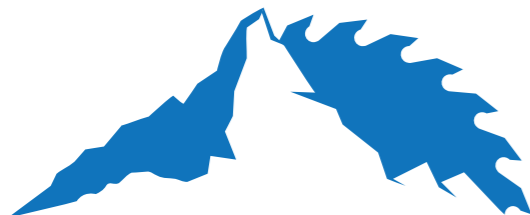


GS4

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

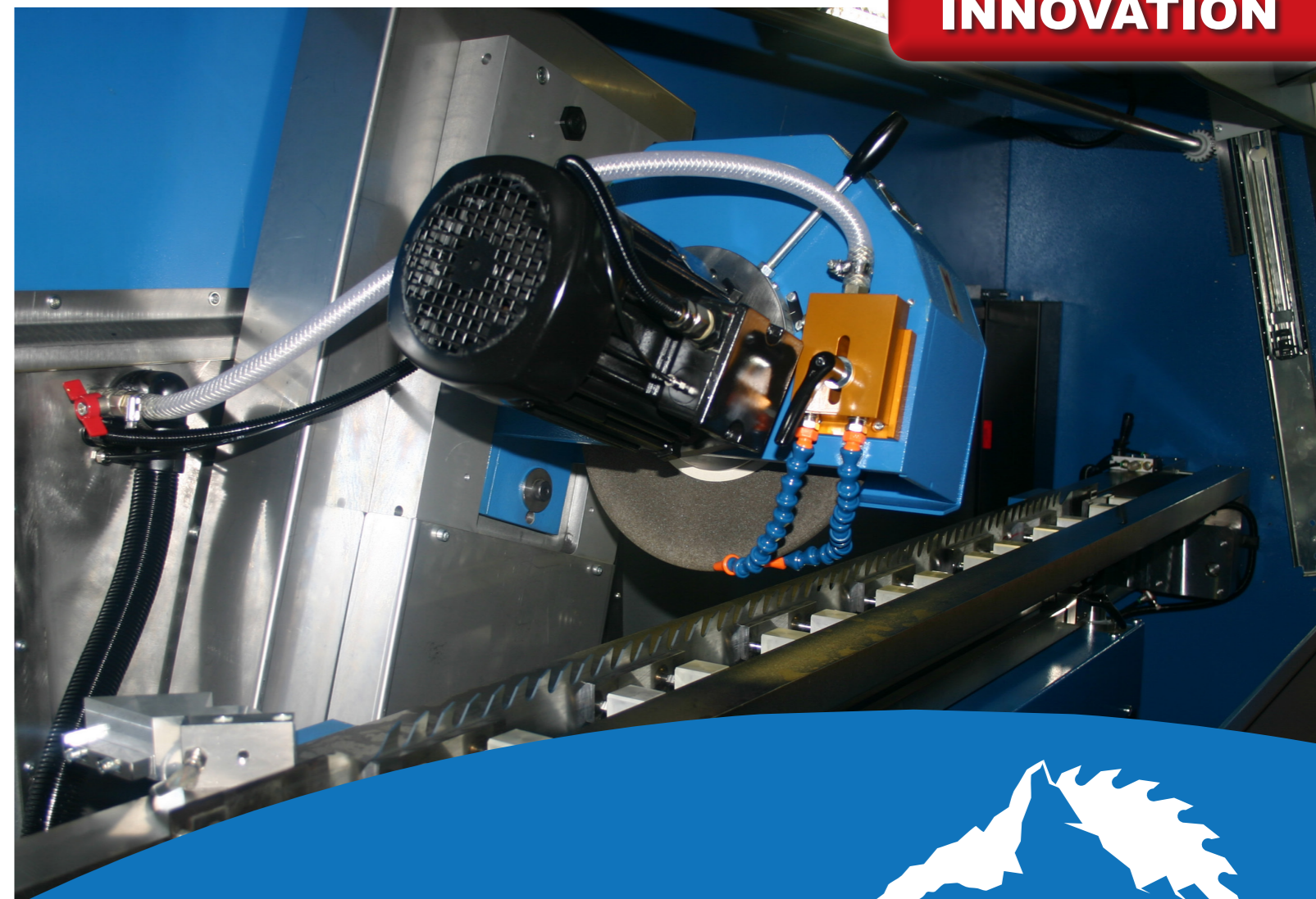
In 2012, ISELI started a new trend with the gang saw machine type of GS4. Optimize your business processes with new services!

With annual innovations and developments ISELI pursues ambitious targets.

GS4

Fully automatic 2 CNC axes controlled profile grinding machine for gang band saw in wet grinding
robust design, maximum grinding accuracy and freely programmable

INNOVATION



Specifications

Basic information:

Tooth pitch	5 - 60 mm
Tooth height	up to 35 mm
Tooth face angle	0 - 25°
Tooth shapes	programmable

Grinding wheel:

Outer diameter Corundum	350 mm
Bore diameter	32 mm
Peripheral speed	programmable

Gang saw blades:

Blade width	80 - 180 mm
Toothed length	1'500 mm

Power requirements:

Standard Voltage	400V, 3 Ph N
Connected load	3.8 kVA

Air supply:

Compressed air supply	6 bar
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Shipping information:

Net weight	approx. 1200 kg
Height (machine closed)	165 cm
Height (machine open)	205 cm
Width	only 260 cm
Dimension of packing	290 x 140 x 190

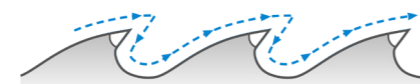
Subject to alteration in design for technical advancement.

Special executions on request.

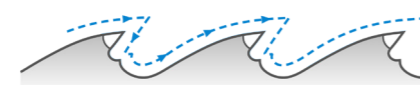
Certificate ISO 9001



Grinding programmes



Standard toothing



Wintertothing



Variotothing

ISELI designed grinding machines and solutions fulfil the requirements for the highest precision.

The profil grinding machine of type GS4 impresses in daily use. The machine is very 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 guarantees high functionality and excellent cost-performance ratio.

The most important features

- Our newly developed profile grinding machine of type GS4 gives you maximum grinding accuracy for your gang saw blades, and a top-quality finish.
- The robust design guarantees an extremely long lifetime coupled with high precision and low maintenance.
- CNC-axes and engine room neatly apart from the grinding-room. The optimal accessibility of the maintenance elements and the separation between the machine area and working area make service and maintenance quicker and easier.
- Operation of the machine by use of a touch screen monitor. The Conception and design of the machine are very operator friendly. That means short programming times, rapid familiarisation and flexible deployment of operating personnel at short notice. Special care was taken for an easy and efficient handling.
- There is no use of a toothed rack. Drive by servo motors. As a result, reference runs are completely eliminated.
- The grinding process of the gang saw is in a upright position, this ensures maximum precision.
- The fully closed protection casing provides maximum safety for the operator, reduces noise drastically and makes the environment cleaner.
- The standard machine is equipped with a large corundum grinding-wheel of 400 mm of diameter. Optional dressing of corundum grinding wheel for improved sharpening accuracy.
- Powerful water cooling with fully closed protection hood. Oil coolant is optionally available.
- New toothing (deep grinding) is possible. ISELI patented process. When using new toothing, a cleaning system is recommended.
- The latest CE-regulations are completely observed. The electrical equipment corresponds with IEC-60204-1 standards.