

CASE STUDY

Best polishes, exact thickness and highest flatness with the CompactPolish

When compactness redefines the process - then polishing goes into a new future: «beCompact» is the credo. For companies with the highest demands on surface quality and the finish of high-precision components. It is not only compact. It is also cleverly constructed and equipped with modern control technology. But it is and remains the polish that convinces.

Reflective surfaces

René Gerber AG is one of the world's leading specialists in micro-preparation of surfaces of the cutting edges of cutting and punching tools. Their experience and comprehensive know-how in brush deburring and polishing is reflected in the new compact face-polishing machine, named CompactPolish, developed by the company.

The new CompactPolish is used for the machining of a wide variety of materials such as stainless steel, brass, ceramics, hard metal, plastics and composite materials.

The demand from the industry for a compact design that still meets complex machining cycles with variable polishing forces has led to the innovation of the «CompactPolish».

The machines offer the clever solution for the machining of small parts in the «Haute Horlogerie», coin and medical technology and are used to polish to a certain thickness and also ultra-fine polishing.

Clever, compact, polished.

RENÉ GERBER AG Engineering

As a successful manufacturer of rounding and polishing machines with currently twenty employees in Lyss, we build brushing and polishing equipment for the automobile, coin, sapphire, tool, punching and watch industries, as well as for the medicinal and micro technology and also for gears and motors.

RENÉ GERBER AG was founded in 1955 and has since then consistently developed the processing of hard and ultra-hard materials. Today Gerber is one of the leading suppliers of edgerounding and polishing machines for carbide cutting inserts.

With service support locations and branches in 17 countries, with whom we closely cooperate, we seek to be close to our customers in order to respond to their requirements.

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Clever, compact, polished

The «CompactPolish» is a consequent development face-polishing machine with regard to best polishes and clean work. In case to the new dispenser function, which distributes the polishing agent in drop form as a spray mist or as an aqueous emulsion in the machine, depending on the task. Due to the programmable panel, the machine is user-friendly and the result is completely independent of the operator. The «CompactPolish» fulfills all these requirements and proves its efficiency at well-known companies in the coin industry.

Your benefit

- Highest process accuracy
- Maximum output on minimal space
- Full enclosure for a clean process

The machine details

Polishing Table	Ø 406 mm
Race ring	3 x Ø190 / 1 x Ø260 mm
Table speed	30 – 300 1/min
Pressure	1 – 17 kg/cylinder
Motor power	0.75 kW
Programs	storage / export
Dimension	1500 / 1150 / 1850 mm
Weight	250 kg
Power Supply	230V+N+P; 50/60 Hz



«The CompactPolish is the perfect solution for best surface qualities and very high flatness when mass polishing to the specified thickness.»

Marc Schori CEO, René Gerber AG

Your profit

- Best performance / invest ratio
- Mechanical or chemical process
- Integrated process control; pre polishing, polishing, shining, cleaning
- Fully integrated control with capability to store 99 programs
- Optional table cooling system



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