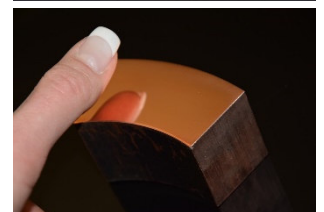
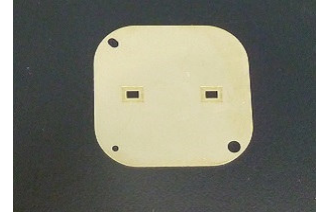


PPCompact

The compact face polishing machine

Gerber
Maschinenbau



Best polishes, exact thickness, and supreme flatness

The sophisticated face polishing machine **PP Compact** produces ultra-fine polishes. The finest surface qualities and very high flatness are achieved on the workpieces when custom polishing to the specified thickness. When compactness redefines the process – the 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. They are used in the processing of parts in «haute horlogerie», medical technology, precision industry and a wide variety of materials such as stainless steel, brass, ceramics, tungsten carbide, titanium, plastics, and composite materials.

HIGH PRODUCTIVITY

- You receive machine and process: pre-polishing, main polishing, and post-polishing
- The PLC control allows complex machining cycles with variable polishing forces, table speeds and rinsing sequences
- High flexibility, fast polishing wheel change
- Polishing wheel cooling for constant polishing results
- High output in the smallest footprint for maximum economic efficiency

MAIN AREAS

- Finest polishes of flat or slightly curved surfaces
- Compliance with the highest evenness
- Mechanical polishing: Wet and «dry» polishing modes possible
- Specific design for highly efficient «chemical polishing»
- Precision parts in precision mechanics, tool technology, watch industry and medical technology
- 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 ultra-fine polishing.

CHARACTERISTICS OF THE MACHINE

- Compact design
- Very simple operation with defined machining cycles
- Machining parameters can be changed in a wide range: pre-polishing, main polishing, post-polishing, rinsing
- Due to the programmable panel with 50 memory locations for the polishing programmes, the machine is user friendly, and the result is completely independent of the operator.
- Completely corrosion-free design: V2A
- A wide range of polishing foils can be used depending on the task



Technical data

Machine

Total weight	kg	250
Dimension width / depth / height	mm	810 / 700 / 915
Power supply	VAC; Hz	1 x 230V/N/PE; 50/60
Air supply	bar	6
Contact force per cylinder	kg	1-17
Control system	/	Siemens S7-1200
Storable cycles	/	50

Polishing table

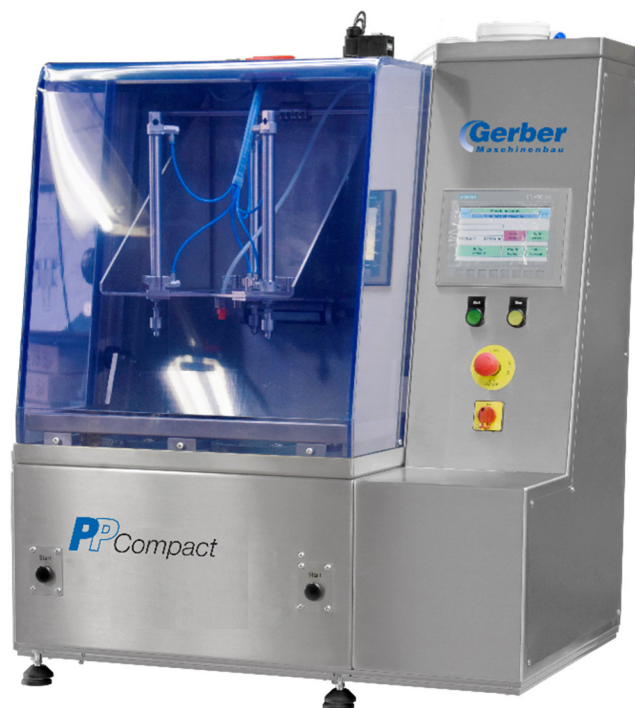
Diameter	mm	406
Speed of planetary brushing head	U/min	30-300
Power	kW	0.75 / 1.50
Barrel race	Ø / mm	3 x 190 / 1 x 260 / 1 x 2 90

Processing options

Force device, 1 ... 3-fold	kg	1 - 17
Polishing agent supply, 1 ... 3-fold	ml/min	0.01 ... 100
Disc cooling		
Drawer cabinet width / depth / height	mm	1145 / 650 / 640

Workpieces

Typical parts	/	Stainless steel, brass, ceramics, tungsten carbide, titanium, plastics, and composite materials
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