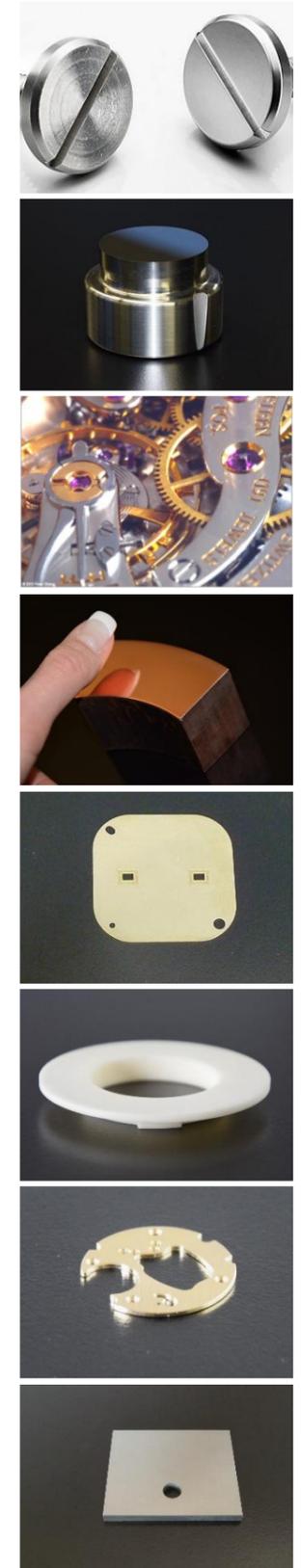


CompactPolish

Face Polishing Machine

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**Best polishes, exact thickness,
highest flatness**

CompactPolish

The face polishing machines of the types **CompactPolish** produce ultra-fine polishes. The finest surface qualities and very high flatness are achieved on the workpieces when custom polishing to the specified thickness. 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

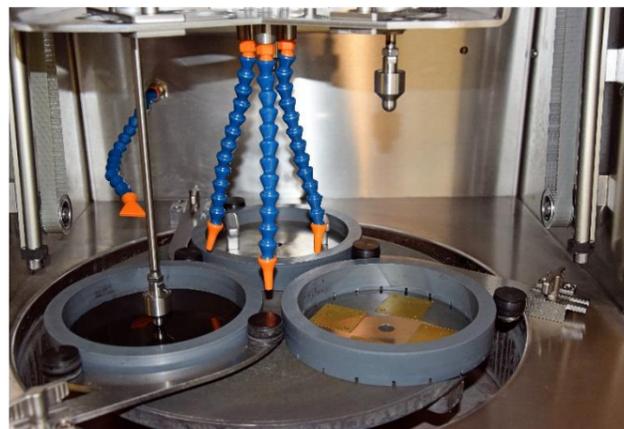
- Compact construction
- Simple operation
- You receive machine and process: pre-polishing, main polishing and post-polishing
- The PLC control allows complex machining cycles with variable polishing forces, table speeds and rinsing sequences
- Wet and "dry" polishing modes possible
- No post-processing operations required
- Fast polishing wheel change
- High economic efficiency

MAIN AREAS

- Polishing to thickness
- Finest polishes
- Precision parts of the «haute horlogerie»
- For the most varied materials such as stainless steel, brass, ceramics, tungsten carbide, titanium, plastics and composite materials

LABELLING OF THE PLANT

- Compact design
- Very simple operation with defined machining cycles
- Machining parameters can be changed in a wide range
- Panel with 50 memory locations for the polishing programmes
- Completely corrosion-free design
- A wide range of polishing foils can be used depending on the task



CompactPolish Technical data

| Machine | | |
|---------------------------------------|-----------|---|
| Total weight | kg | 250 |
| Dimension width / depth / height | mm | 810 / 700 / 915 |
| Power supply | VAC/A/kVA | 230V + N + PE |
| Air supply | bar | 6 |
| Contact force per cylinder | kg | 1-17 |
| Control system | / | Siemens S7-1200 |
| Polishing table | | |
| Diameter | mm | 406 |
| Speed of planetary brushing head | U/min | 30-300 |
| Power | kW | 0.75 |
| Barrel race | Ø / mm | 3x 190 / 1x 260 |
| 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 |

