



new HTB-2000S-01 HORIZONTAL SUNNEN HONING MACHINE

HTB-2000S-00 Machine

- Horizontal honing machine with Siemens numerical control and a 7" screen
- Honing diameter capacity: 30 to 400 mm.
- Maximum stroke length: 2000 mm.
- Variable translation speed: 1 to 40 m/min.
- Spindle motor power: 3.5 kW.
- Translation motor power: 5.2 kW.
- Expansion motor power: 0.3 kW.
- Expansion system type: MPS Sunnen.
- Floor space requirement: see layout plan.
- Power supply: 400V, three-phase + neutral, 50 Hz.
- Color: Pearl Grey RAL9002, Black RAL9005.

Standard Equipment:

- Automatic correction of bore geometric defects.
- Detection of maximum absorbed power for tool protection.
- Circular delay and short stroke functions for blind holes.
- Storage of setting programs.
- Touchscreen programming based on Siemens S7.
- Electronically controlled tool expansion.
- Automatic tool support ejection.
- Workpiece clamping using universal V-blocks and chain tensioning for external diameters of 30 to 400 mm, with a maximum load of 2000 kg per support.

Additional CE Compliance Equipment:

- Front face protection with a 600 mm high optical barrier, including:
 - Grid protection on left and right sides.
 - Access door directly mounted on the protective grid.
 - Electric safety lock on the access door.

Filtration System and Honing Oil:

- 300-liter honing oil tank with rotary drum magnetic separator and pump (flow rate: 50 l/min).
- Dual-tank filtration system with interchangeable filter cartridges.
- Support for PF401G filtration system.
- Box of 4 filter cartridges.
- 208-liter drum of honing oil.

MPS Honing Tools for Bores Ø85 to 177 mm:

- Quick coupling adapter for honing bar.
- 1600 mm long honing bar.
- MPS honing tool for Ø85 to 177 mm, supplied with:
 - 2 sets of stone holders and guides for 86.4 to 111.8 mm.
 - 2 sets of stone holders and guides for 101.6 to 139.7 mm.
 - 2 sets of stone holders and guides for 127 to 177.8 mm.
- T10 crimping tool.
- Set of conventional sulfurized roughing stones.
- Set of conventional finishing stones.

Reference : SN

Specifications

Looking for advice?

Commercial service

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