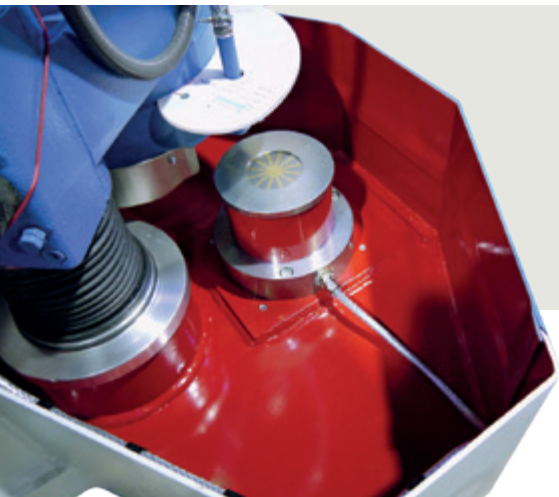


HS 200

Manual grinding machine



HERZOG



HS 200 with electro magnet

Manually operated swing grinding machine for a broad range of applications

At a glance

- Compact bench-top design with various mounting possibilities
- Due to the robust design reproducible surface grinding, even of difficult samples types
- Minimum of maintenance and long service life
- Easy handling and easy exchange of the grinding wheel

Easy handling

The HS 200 is a manually operated grinding machine for sample preparation of pig-iron and steel samples used in foundries, steel works and other metal processing companies.

Handling of the machine is easy. The easy running swinging arm allows sensitive grinding of samples. Due to the strong column and the swinging arm mounted in taper roller bearing the HS 200 enables reproducible surface grinding.

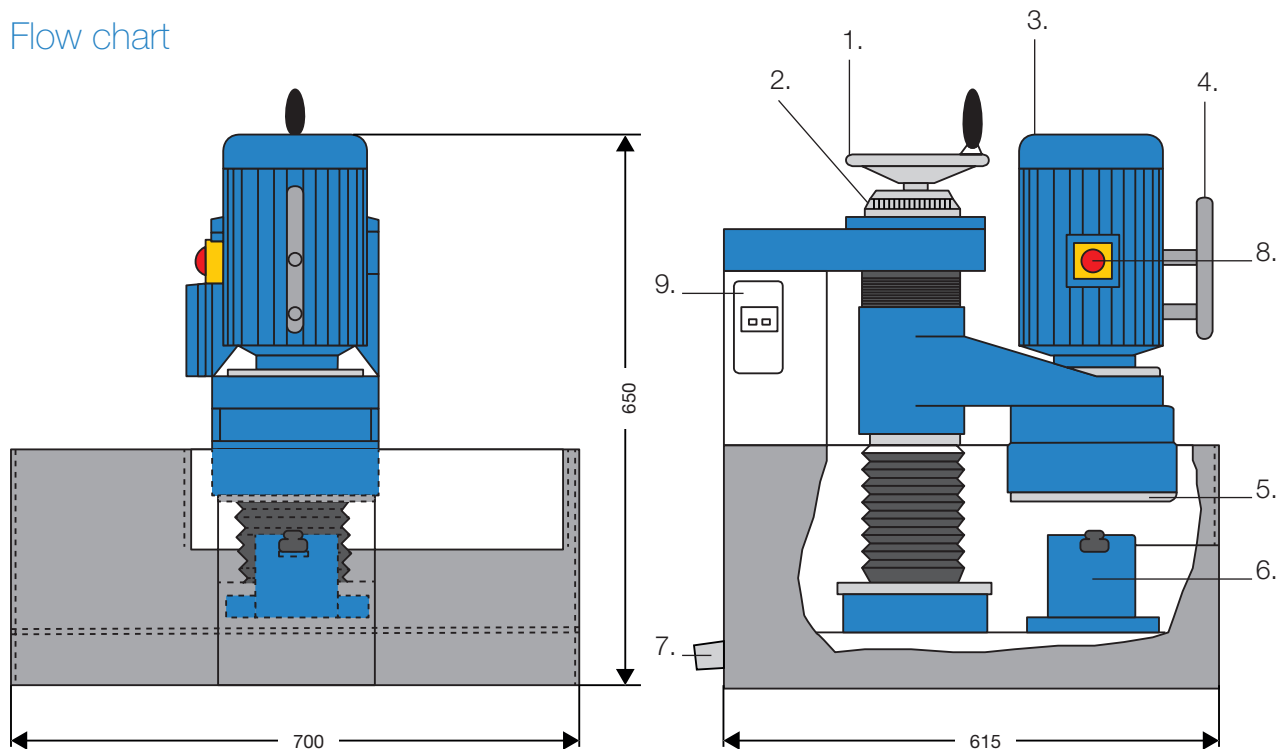
Wide range of possible applications

The HS 200 offers a compact design and, due to the table execution, ample mounting possibilities. Various clamping devices are available like parallel vice, pneumatic, permanent and electro magnet, as well as combination of parallel vice and permanent magnet.

The HS 200 is low-maintenance with easy exchange of the grinding wheel and low noise and dust load. It is suitable for wet and dry grinding.



Flow chart

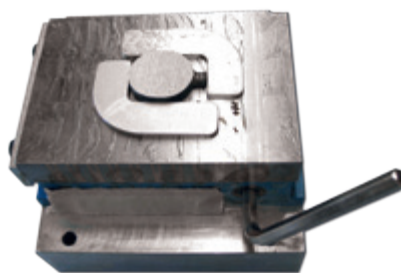


- | | |
|----------------------------------|----------------------------|
| 1. Setting of the grinding wheel | 6. Clamping device |
| 2. Setting scale | 7. Outlet of cooling agent |
| 3. Grinding motor | 8. On-off-switch |
| 4. Handle for swinging movement | 9. Protective motor switch |
| 5. Grinding wheel | |

Options for clamping device:



Parallel vice



Permanent magnet



Combination parallel
vice-permanent magnet

Technical data HS 200

Model: HS 200

Dimensions L x B x H

Machine: 700 x 615 x 650 mm

Weight

Machine: Approx. 200 kg

Electrical power supply and consumption

Voltage: 400 V, 50 Hz, 3-phase AC, or customized

Power consumption

Approx. 1.5 kVA

Motor speed

2,800 U/ min

Grinding wheel dimensions

Diameter: 200 mm

Height: 100 mm

Options

- Liquid cooling device
- Table
- Demagnetization device for 230V, 50 Hz, 1 phase
- Connection socket for dust extraction

Clamping devices:

- Parallel vice
- Pneumatic clamping device
- Permanent magnet
- Electro magnet
- Combination parallel vice-permanent magnet



The design of the machine complies with the applicable accident prevention and VDE (German association of electronic engineers) regulations. We reserve the right to make technical changes.

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