

Technical data

Manual Vibratory Disc Mill HSM

Dimensions L x W x H

Machine	600 x 780 x 1275 mm
Machine including packing	1200 x 1200 x 1800 mm

Weight

Machine	275 kg
Machine including packing	413 kg

Power supply and consumption

Voltage	380–420 V, 50 Hz, 3-phase 380–480 V, 60 Hz, 3-phase 220–240 V, 50/60 Hz, 3-phase (Other voltages possible on request)
Center conductor	Not required
Power consumption	2.0 kVA

Electrical control cabinet (integrated)

PLC	SIMATIC S7-1200
Control voltage	24 V DC
Protection class	IP 54
Insulation class	B

Pneumatic supply and consumption (HSM-P only)

Pressure	Min. 5 bar, max. 10 bar
Consumption per sample	Approx. 10 dm ³

Machining parameters

Grinding time	1–900 S
Speed	750–1500 min ⁻¹ (infinitely variable)

Sample types

Material	Various hard, medium-hard and brittle materials such as minerals, slags, sinter, ferroalloys, cement, cement precursor and others, organic materials
Material hardness	Max. 9 Mohs
Input grain size	10 mm

Options

- Pneumatic clamping device (HSM-P)
- Grinding vessels and grinding set made of chrome steel (10, 50, 100 or 250 ccm)
- Grinding vessels and grinding set made of tungsten carbide (10, 50, 100 or 250 ccm)
- Grinding vessels and grinding set made of Colmonoy (100 or 250 ccm)
- Grinding vessel and grinding set made of agate (100 ccm)



The design of the machine complies with the applicable accident prevention and VDE regulations. We reserve the right to make technical modifications.

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