HSM 100

Technical data

Model
Model HSM 100 H/HSM 100 P/HSM 250 H/HSM 250 P

Color: Blue/white
Labeling text: English
Instruction manual: 1 copy English

Dimensions: 550 x 750 x 1,000 mm
Weight: Approx. 250 kg

Electrical power supply and consumption:
Voltage: 400 V, 50 Hz, 3-phase, or other as required
Neutral conductor: Not required
Power consumption: 2 kVA

Pneumatic supply and consumption:
Version 250 P/100 P (pneumatic clamping facility)
Pressure: Min. 5 bar, max. 10 bar
Consumption: Approx. 10 dm³ per sample

Electrical switchgear cabinet (integral):
Programmable controller: Simatic S 7-1200
Control Voltage: 24 V DC
Protection class: IP 54
Insulation class: B

Control parameters:
Duration of grinding: 1-900 s
Sample types:

Material: A range of materials, e.g. raw cement meal, cement, clinker, slag of different types, ores, ferro alloys and other basic material

Grain size: 10 mm

Hardness: Max. 9 Mohs

Temperature: Max. 100°C

Options:

- Pneumatic clamping device (HSM 100 P, HSM 250 P)
- Grinding vessel chromium steel (10, 50, 100, 250 ccm), tungsten carbide (10, 50, 100, 250 ccm), colmonoy (100, 250 ccm), agate (100 ccm)
- Continuously variable rotation speed (750 – 1,500 rpm)

The design of the machine complies with the applicable accident prevention and VDE regulations.

We reserve the right to make technical modifications.