

3M7480 Vertical Steel Ball Grinding Machine

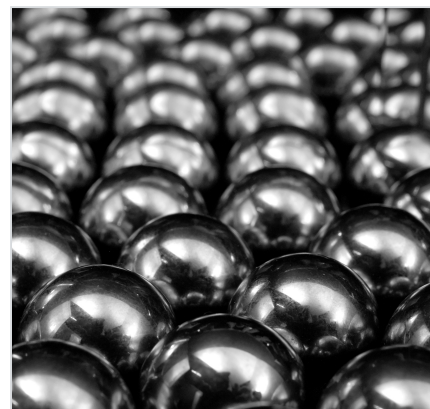
RISHENG

Technical parameters and main structural features

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3M7480 VERTICAL GRINDING MACHINE



PRECISION STEEL BALLS

Main technical parameters:

Items and specifications	Parameters
Working range	Φ3-Φ20 mm
Dimension of plates	OD Φ800 x ID Φ360 x W100 mm
Speed of main shaft	40-130 r/min (frequency conversion)
Ball load capacity	300 kg
Main motor power	45 kW

Main structural features:

- 1 Vertical layout with large-cycle machining.
- 2 Suitable for the hard grinding process.
- 3 The main spindle and turntable adopt frequency-conversion speed regulation.
- 4 Hydraulic drive pressure with mechanical pressure retention by compression spring and constant-pressure nut locking.
- 5 Adopts a high-capacity end-face bearing.
- 6 The main spindle bearing adopts a mechanical seal structure, eliminating the potential risk of spindle oil leakage.
- 7 The main transmission uses a reduction gearbox and a pair of bevel gears. Power is transmitted to the spindle through the output shaft, providing a simple and reliable transmission structure.
- 8 Small-cycle processing can be configured according to requirements, without a turntable.