



Technical Specifications

- Table size (L×W) 406×1020 mm
- Max. Longitudinal travel 910 mm
- Max. cross travel 450 mm
- Max. distance from spindle center to table 550 mm
- Magnetic chuck size 400×800 mm
- Speed of table longitudinal movement 7~23 m/min
- Table transverse Movement
- Auto feed 0.1~8 mm/min
- Rapid speed 990 mm/min
- Feed of hand wheel 0.02 mm/div
- Wheel head vertical movement
Auto feed - (H/R mode)
- 0.005/0.1/0.02/0.03/0.04/0.05
(Only for D mode) mm/stroke
- Rapid speed - (H mode)610 (Only for R mode) 480 (Only for D mode) mm / min
- Feed of hand wheel 0.005 mm/div.
- Speed 50Hz 1450 rpm, 60Hz 1750 rpm
- Grinding wheel (OD×W×ID) Size Φ 350×40× Φ 127 mm
- Spindle motor 5.5 kw
- Hydraulic motor 2.2 kw
- Cooling pump motor 0.09 kw
- Elevating motor:- - (H mode) 0.25 (R mode), 0.75 kw (D mode Servo motor)

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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- Cross feed motor 0.04 kw
- Max loading capacity of table (include magnetic Chuck) – 500 Kgs
- Total rated power 9 kw
- Surface roughness $Ra \leq 0.25 \mu m$
- Gross weight - 3600 kg
- Packing size (L×W×H) 2720 × 2265 × 2250 mm
- Accessories:
- Splash guard, 2 axis DRO system, Wheel guard, Electromagnetic
- chuck (same size as worktable), De-magnetizer, Coolant system, Halogen lamp, Manual & parts list, Overhead wheel dresser
- Grinding Work eLearning Software
- (to be installed on the existing Smart Classroom Server at MIOG)

Introduction to grinding

- Grinding operations and functions in a machining workshop
- Grinding machine components and systems
- Components of a surface grinder
- grinding machine movement
- Work holding in grinding machines
- Types of grinding machines
- Operation of a surface grinder
- Different types of grinders
- Variables affecting the grinding operation

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