



SATISH ENGINEERING
Importers of used machinery

HOFLER - GEAR GRINDING MACHINE-RAPID 1000

Machine Name: HOFLER - GEAR GRINDING MACHINE-RAPID 1000

Manufacturer: HOFLER

Model: RAPID 1000

Country: GERMANY

Stock-no.: SEC00096

Price.: On Request

Technical Specifications

Product: Gear Profile Grinding Machine

Type: RAPID

Size: 1000

Workpiece Capacity

- Maximum outside diameter (da max.): 1000 mm
- Minimum root diameter (df min.): 50 mm
- Number of teeth: freely selectable
- Maximum profile height: 41 mm
- Module range: min. 1 mm – max. approx. 18 mm
- Maximum workpiece weight: 630 kg
- Maximum helix angle (L + R): 45°
- Maximum face width ($\beta = 0^\circ$): —

Grinding Wheel / Tool Data

- Grinding wheel diameter (dressable): min. 180 mm – max. 400 mm
- Grinding wheel width: 60 mm (optionally 45 / 30 mm)
- Grinding wheel drive power: 20 kW
- Maximum grinding wheel circumferential speed: 50 m/s
- Grinding spindle speed: 0 – 3100 rpm
- Diamond dressing roll diameter: 160 mm
- Dressing spindle speed: 0 – 5400 rpm

Machine Data

- Table diameter: 720 mm
- Maximum table load: 1500 kg
- Maximum grinding stroke: 650 mm
- Measuring system resolution:
 - Linear: 0.0001 mm
 - Angular: 0.0001°
- Total machine weight: approx. 17,000 kg
- Electrical connected load: approx. 87 kVA
- Compressed air supply:
 - Pressure: 6 – 8 bar
 - Consumption: 5 m³/h
- Noise level: 80 dB(A)

Counterholder / Tailstock

- Maximum distance between centers: 1050 mm
- Passage / Adjustment range:
 - Diameter: 1000 mm
 - Stroke: 650 mm



Regd. address

B69/A, 3rd Stage,
Peenya Industrial Estate,
Bangalore - 560058.

Warehouse

553, 5th Main,
Peenya 2nd Stage
Bangalore - 560058.

Registration

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