**Machine Name : Gear grinding machine**

**Brand : Höfler**

**Machine Model : RAPID 3000**

**Stock No. : 813584**

**Ex-factory Date : 2010**



**Main Technical Parameters:**

Maximum external diameter of cylindrical gears: Ø3,000 mm
Minimum root diameter of cylindrical gears: Ø0 mm
Axial stroke: 1,500 (2,020*) mm
Center distance above the worktable (min.–max.): 1,000–2,300 (2,800*) mm
Maximum tooth profile height: 100 mm
Machining area height above the worktable (min.–max.): 540–2,040 (2,560*) mm
Module range (min.–max.): 1–50
Pressure angle: Unrestricted
Swivel angle: –45° / +120°
Maximum grinding wheel diameter: Ø450 mm
Minimum grinding wheel shoulder diameter: Ø206 mm
Maximum grinding wheel width: 130 mm
Maximum grinding spindle drive power: 24 (37*) kW
Maximum tool slide stroke speed: 6 (12*) m/min
Worktable diameter: Ø1,850 mm
Maximum worktable load capacity: 25,000 kg
Worktable center hole dimensions (diameter × depth): Ø750 × 1,300 mm
Maximum worktable speed: 30 rpm
Recommended maximum worktable speed for circular grinding: 25 rpm
Dressing roller dimensions (diameter × width): Ø120 × 26 mm
Overall dimensions (L × W × H, including all auxiliary units): Approx. 11,000 × 8,500 × 5,200 mm
Net machine weight: Approx. 68,000–70,000 kg
Internal grinding: Various internal grinding arms available as optional equipment
Note: All dimensions and specifications are based on the manufacturer's published technical data and are provided for reference only. Optional configurations are marked with an asterisk

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