

Machine Name : Gear grinding machine

Brand : Gleason Pfauter

Machine Model : P-1600G

Stock No. : 812627

Ex-factory Date : 2000



Main Technical Parameters:

CNC System: Siemens 840C

Machining Capacity

Maximum workpiece diameter (standard): 1600 mm

Maximum workpiece diameter (optional): 1800 mm

Maximum workpiece weight (including fixtures): 15,000 kg

Worktable

Worktable diameter: 1200 mm

Center hole diameter: 300 mm

Center hole depth: 870 mm

Worktable height: 970 mm

Grinding Wheel Spindle

Maximum distance from grinding wheel spindle center to worktable center: 900 mm (approx.)

Minimum distance from grinding wheel spindle center to worktable center: 100 mm

Maximum distance from grinding wheel spindle center to worktable surface: 1150 mm

Minimum distance from grinding wheel spindle center to worktable surface: 450 mm

Maximum axial travel: 700 mm

Grinding wheel spindle speed: 1200-6300 rpm

Grinding wheel spindle motor power: 24 kW

Cylindrical Grinding Wheel

Maximum grinding wheel diameter: 400 mm

Maximum grinding wheel width: 80 mm

Grinding wheel flange diameter: 80 mm

Form Grinding Wheel

Maximum grinding wheel diameter: 240 mm

Maximum grinding wheel width: 50 mm

Maximum form grinding depth: 50 mm

Tailstock

Maximum tailstock extension: 1680 mm

Minimum tailstock extension: 780 mm

Machine Dimensions

Overall dimensions (L x W x H): 8000 x 7400 x 5150 mm

Machine weight: 20,500 kg

