



GEAR HOBGING / GRINDING MACHINE - GLEASON PFAUTER P90G

Gear hobbing machines

Brand :	GLEASON PFAUTER
Model :	P90G
Year :	2014

TECHNICAL DETAILS & EQUIPMENT

Gear Grinding Machine

Manufacturer

GLEASON-PFAUTER Type P 90 G

New

2014

Spindle hours

17,310 hrs.

Power-on hours

37,810 hrs.

Technical details

:

Max. workpiece dia. 100 mm

Max. modul 3.0 mm

Radial travel 90 mm

Axial travel 400 mm

Tangential travel 160 mm

Grinding length max. 180 mm

Programmable tailstock (Z4-axis) 320 mm

Loader travel (X5-axis) 1738 mm

Distance spindle head - tailstock 140 / 460 mm

Min/Max axis distance 10 - 100 mm

Diameter of grinding wheel 120 mm

Swivel angle of grinding head - 45 / + 115 °

Max. shiftway 160 mm

Grinding spindle drive 14 kW

Spindle turning speed range 50 - 12.000 U/min

Grinding wheel hole 40 mm

Rapid traverse 10/7,5/5,0 m/min

Machine weight 6,0 to

Total power requirement 13 kW

Overall size 5,4 x 3,5 x 3,0 m

CNC SIEMENS 840 D

CBN grinding wheels

Software: Error-diagnosis

Software: X-Z Correction

Software: C-Z Correction

Software: Extension of the remote diagnostic

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Automatic portal loader LP-H

Electric interface with PROFIBUS

Direct measuring system Y-axis

Automatic positioning adjustment

Spindle nose for collars type B 32

Hydraulic chuck clamping

Energy saving tool

Safety back stroke

Sealing air

Fluid sensor - automatic positioning inside tooth by acoustic sensor

Power clamping attachment stroke 32 mm

Sprung tailstock quill

Milling cutter cooling attachment

Paper filtration cooling attachment 150 l/min.

Running through cooler; temperature accuracy +/-1° C

Oil mist separator

Oil spinning program

Fireextinguisher

Chip conveyer