



# CNC GEAR GRINDING MACHINE - GLEASON PFAUTER P2000G

Machines sold

Brand :	<b>GLEASON PFAUTER</b>
Model :	<b>P2000G</b>
Year :	<b>2010</b>

## TECHNICAL DETAILS & EQUIPMENT

Working area :	
nominal workpiece diameter :	<b>2.000 mm</b>
Min/max. radial travel (X-axis) :	<b>100/1.350 mm</b>
max. tangential travel (Y-axis) :	<b>300 mm</b>
max. axial travel (Z-axis) :	<b>1.600 mm</b>
lowest grinding wheel position above table :	<b>470 mm</b>
max. profile depth :	<b>12 mm</b>
grinding spindle swivel angel (A-axis) :	<b>+/- 45 degrees</b>
Workpiece table :	
external diameter :	<b>1.460 mm</b>
bore diameter x depth :	<b>Ø 500 x 875 mm</b>
max. permitted load :	<b>20.000 kg</b>
max. table speed :	<b>5 min-1</b>
hydrostatic radial bearing :	
axial slide bearing :	
autom. hydraulic table balance :	
Grinding spindle drive, grinding wheel :	
drive power :	<b>50 kW</b>
speed range :	<b>400 - 4.000 min-1</b>

Grinding wheel diam mini-maxi :	<b>210/450 mm</b>
integrated automatic balancing device :	
Counterholder :	
steady rest diameter min./max. :	<b>200/500 mm</b>
carriage travel :	<b>900 mm</b>
position above table min./max. :	<b>1210/2110 mm</b>
Feeds and rapid traverse :	
axis X :	<b>3 m/min</b>
axis Y :	<b>5 m/min</b>
axis Z :	<b>6 m/min</b>
Dimension, weight :	
space required approx. l x w x h :	<b>12 x 6 x 5 m</b>
machine weight approx. :	<b>36.000 kg</b>
Electrical connections :	
total connected load approx. :	<b>80 kVA</b>
operating voltage :	<b>400 V</b>
operating frequency :	<b>50 Hz</b>
control voltage :	<b>24 V DC</b>
Internal grinding head :	
For straight and helical gears – swivel inclinaison :	<b>+/-30°</b>
Adjustable drive range :	<b>1200- 4000 rpm</b>
Max grinding spindle diameter :	<b>80 mm</b>

Grinding wheel diameter :	<b>170 to 300</b>
Grinding wheel width :	<b>50 mm</b>
Maximum external part diameter :	<b>2650 mm</b>
Mini / Maximum internal part to grind :	<b>950/ 2000mm</b>
Z travel :	<b>1180mm (from 300/1480mm)</b>
X travel :	<b>255/915mm</b>
Spindle power :	<b>20 Kw</b>
Liquid cooled spindle :	