

Machine Name : Five axes high speed and high efficiency CNC gear shaper machine

Brand : Gleason-Pfauter

Machine Model : GP200ES

Stock No. : 490015

Ex-factory Date : 2006



Main Technical Parameters:

CNC System:SIEMENS 840D

Largest module (Steel with approx. 600 N/mm^2):6mm

Maximum width:70mm

Maximum diameter:200mm

Largest helix angle when using cutters for inclined shaping with 125 mm diameter: $\pm 45^\circ$

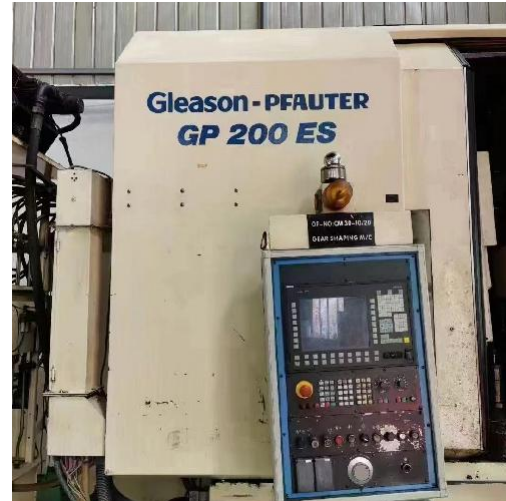
Maximum planet diameter:350mm

Maximum internal diameter:200mm

Maximum cutter diameter:125mm

X*Y*Z axis travel:230*(± 25)*250mm

B axis:0-12°



3.2 Technical Data GP 200 ES

external	▷ Largest module (Steel with approx. 500 N/mm ²)	mm	6.9
	▷ Maximum width	mm	70
	▷ Maximum diameter	mm	200
	▷ Largest helix angle when using cutters for inclined shaping with 125 mm diameter	Degrees	±45
internal	▷ Largest module (Steel with approx. 600 N/mm ²)	mm	6
	▷ Maximum width	mm	70
	▷ Maximum planet diameter	mm	350
	▷ Maximum internal diameter	mm	200
	▷ Maximum cutter diameter	mm	125
	Shaping feature:		
	▷ Diameter	inch	1/4
	▷ Locating cone in the cutter spindle	HSK-B80	
	Travel distances:		
	▷ Radial (X-axis)	mm	230
	▷ Manual cross movement of the column (Y-axis)	mm	±25
	▷ Column tilting (B-axis)	Degrees	0-12
	▷ Adjustment range of the axial slide (Z-axis)	mm	250
	Worktable:		
	▷ Outer diameter	mm	130
	▷ Bore	mm	55.54
	Cutter spindle:		
	▷ Maximum stroke length (Z2-axis)	mm	110
	▷ Setting range of spindle axis	Grad	±0.25
	Overall dimensions of the machine:		
	▷ Length	mm	4.392
	▷ Width	mm	4.135
	▷ Height	mm	3.250

