



Inventory number: 22347

CNC Gear grinding machine
HUAWIN PG400
HUAWIN (FANUC / SIEMENS optional)



Technical data

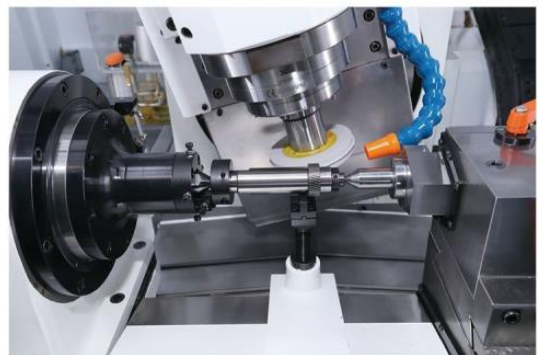
Min. grinding diameter	30 mm
Max. grinding diameter	400 mm
Min. root diameter	20
Min. diametrical pitch	1
Max. diametrical pitch	999
Max. circular pitch (modul)	10
Min. circular pitch (modul)	0.5
Travels:	
X axis	250 mm
Y axis	100 mm
Z axis	800 mm
C axis	360 °
A axis	+/-45 °
max. speed	10000 rpm
Grinding spindle motor	17 kW
Total power required	<20 kVA
Voltage 50 Hz 3x	400 Volt
Machine's weight about	8000 kg
Overall dimensions machine:	
Length	2600 mm
Width	2370 mm
Height	2155 mm

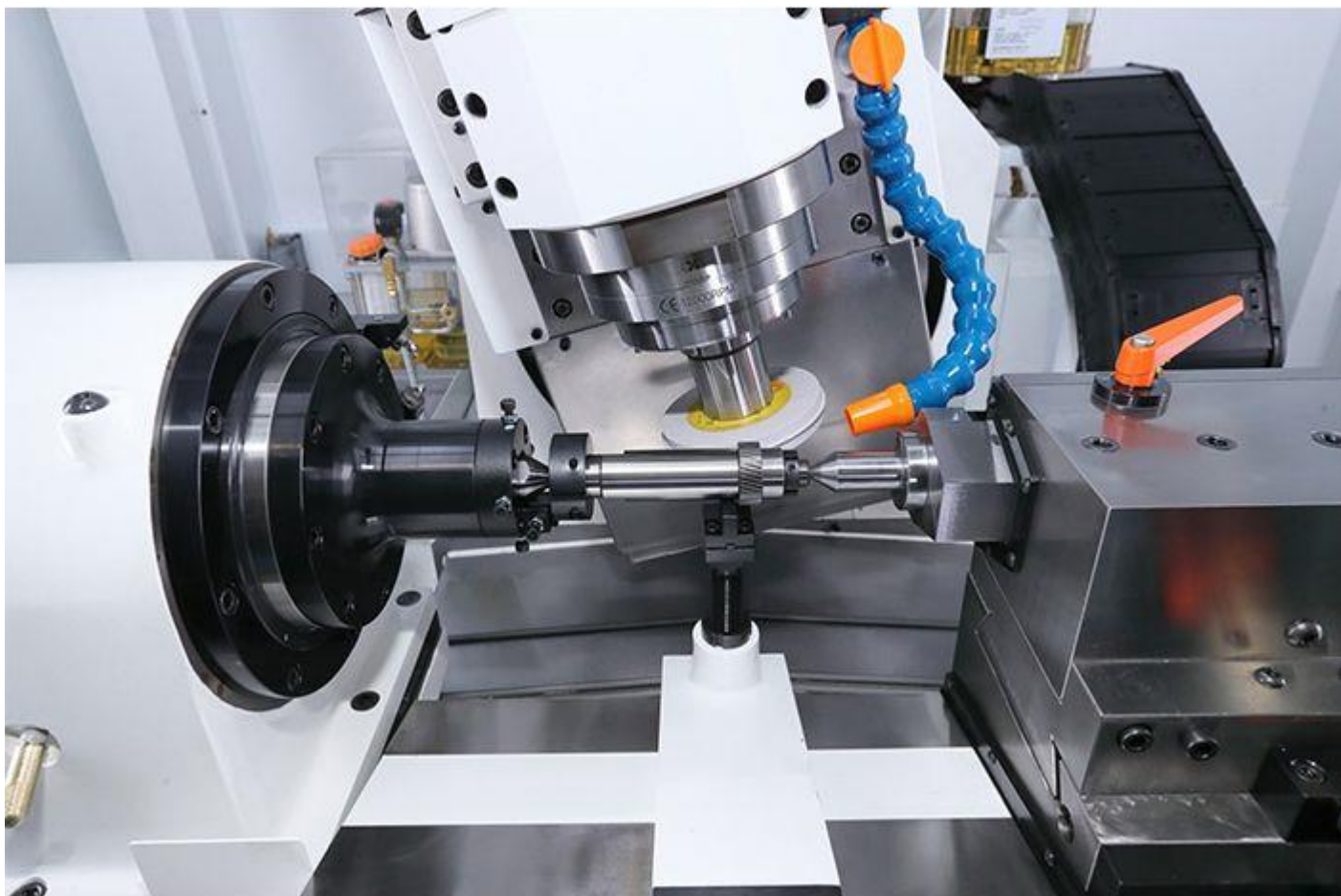


Workpiece



- Precision profile using rotary dresser.
- Highly rigid box-type bed.
- Equipped with HMI for increasing operational efficiently.
- Linear motor X & Z-axis with zero backlash.
- DD motor of C-axis with zero backlash.





Specification

Workpiece	Spec		
	PG250	PG400	
Min. Gear major diameter	Φ20 mm	Φ30 mm	
Max. Gear outer diameter	Φ250 mm	Φ400 mm	
Max.Module	6	10	
Min.Module	0.5		
Number of teeth	1~999		
Stroke			
X-axis travel	170 mm	250 mm	
Y-axis travel	60 mm	100 mm	
Z-axis travel	450 mm	800 mm	
C-axis	±360°		
A-axis	±45°		
C-axis(DD motor)	500 N.m	1300 N.m	
Center distance	80/1000 mm		
Spindle power	17 kW		
Diameter of Spindle	170G	170G	220G
Outer diameter of grinding wheel	Φ50~Φ220	Φ50~Φ220	Φ210~Φ350
Max. speed of spindle	10000 rpm	10000rpm	4000rpm
Rotary dresser	Φ135 x 16W x R 0.3		
Air pressure source rated flow	30 L/min		
Air Pressure	0.5 Mpa		
Power capacity	< 20 KVA		
Machine dimension (L*W*H)	2600*2370*2155(mm)		
Machine weight	8000 kg		

