

SAM 022347**HUAWIN Art PG400**

Gruppe	CNC Zahnradschleifmaschine
Hersteller	HUAWIN
Art	PG400
Steuerung	HUAWIN (FANUC / SIEMENS optional)



Schleifdurchmesser min.	30 mm
Schleifdurchmesser max.	400 mm
Min. Fusskreisdurchmesser	20
Min. Zähnezahl	1
Max. Zähnezahl	999
Max. Zahnteilung (Modul)	10
Min. Zahnteilung (Modul)	1
Verfahrwege:	
X-Achse	250 mm
Y-Achse	100 mm
Z-Achse	800 mm
C-Achse	360 °
A-Achse	+/-45 °
Drehzahl max.	10000 t/min
Schleifspindelmotor	17 kW
Gesamtleistungsbedarf	<20 kVA
Anschluss 50 Hz 3x	400 Volt
Maschinengewicht ca.	8000 kg
Abmessungen Maschine:	
Länge	2600 mm
Breite	2370 mm
Höhe	2155 mm

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Workpiece

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

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**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		

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