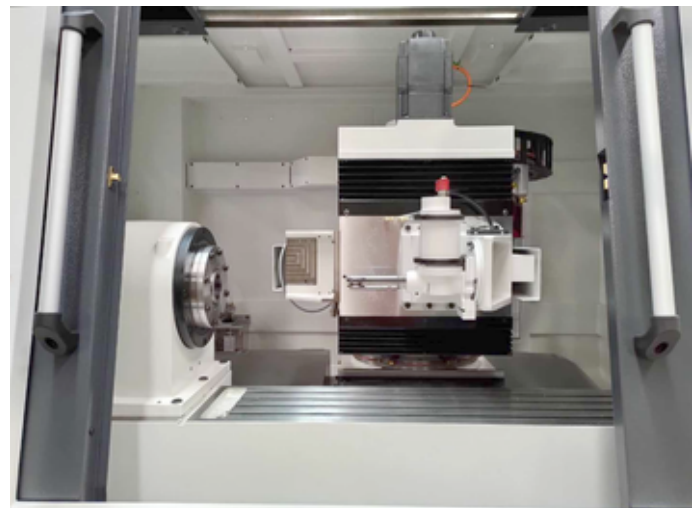


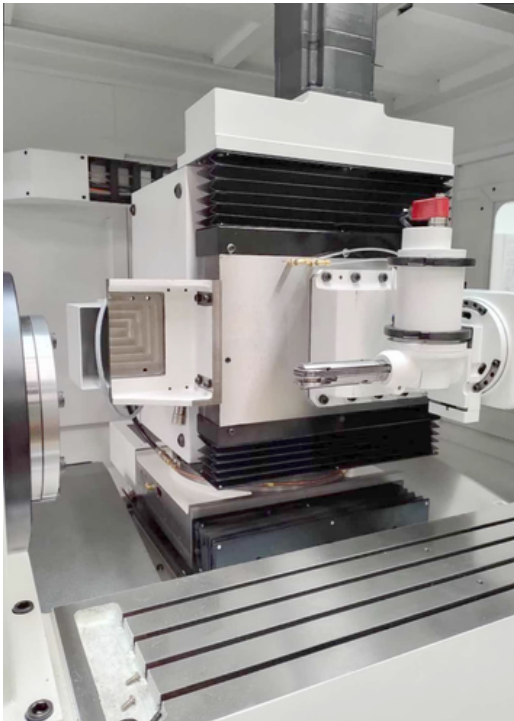
SAM 021184**HUAWIN Art IG 20**

Gruppe	Innenverzahnungsschleifmaschine
Hersteller	HUAWIN
Art	IG 20



Umlaufdurchmesser	200 mm
Innendurchmesser der Nutung min.	20 mm
Innendurchmesser der Nutung max.	45 mm
Keilnutgrunddurchmesser min.	25 mm
Durchmesser der Keilnut unten max.	55 mm
Nutenbreite min.	5 mm
Nutenbreite max.	15 mm
Nutenlänge Min.	100 mm
Anzahl der Nuten	1 - 10
Verfahrwege:	
X-Achse	150 mm
Y-Achse	100 mm
Z-Achse	600 mm
Spindelmotor	kW
Drehzahl max.	16500 t/min
Anschluss an Druckluft	5 bar
Gesamtleistungsbedarf	20 kVA
Maschinengewicht ca.	4500 kg
Abmessungen Maschine:	
Länge	2250 mm
Breite	1700 mm
Höhe	2200 mm



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Internal Spline Grinder IG20

- CBN grinding wheel and high-accuracy spline
- CBN grinding wheel with quick-change arbors fit different size splines
- Renishaw probe is applied to position workpiece automatically.
- Internal grinding spindle (S2) is available to finish grinding chuck jaws.
- DD motor of C-axis with zero-backspace lash.



Internal keyway grinding



Internal spline grinding



IG20 Internal Spline Grinder

Machine specifications

Workpiece	Spec	Unit	Remark
1	Min. spline minor diameter	Φ20	mm
	Min. spline major diameter	Φ25	mm
	Min. spline width	5	mm
	Max. workpiece swing diameter	200	mm
	Max. spline height	5	mm
	Max. spline width	15	mm
	Max. spline length	100	mm
	Number of spline	1~10	
	Stroke		
2	X-axis	150	mm
	Y-axis	100	mm
	Z-axis	600	mm
3	C-axis	Rated torque	480 N.m
	chuck	Three-jaw pneumatic	10"
4	S1-axis	Power	0.3 Kw
		Max. speed	16500 r/min
5	Power capacity	<20	KVA
6	Air pressure source	Rated flow	30 L/min
		Pressure	0.5 MPa
7	Floor space	2250(L) x 1700(W) x 2200(H)	mm
8	Net Weight	4500	kg