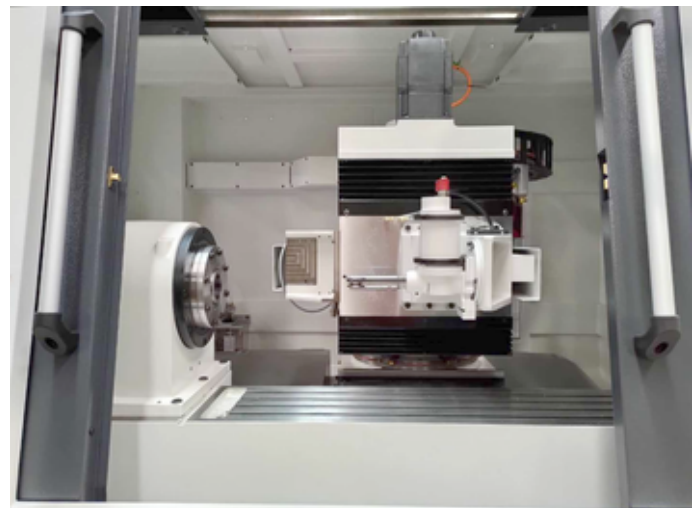


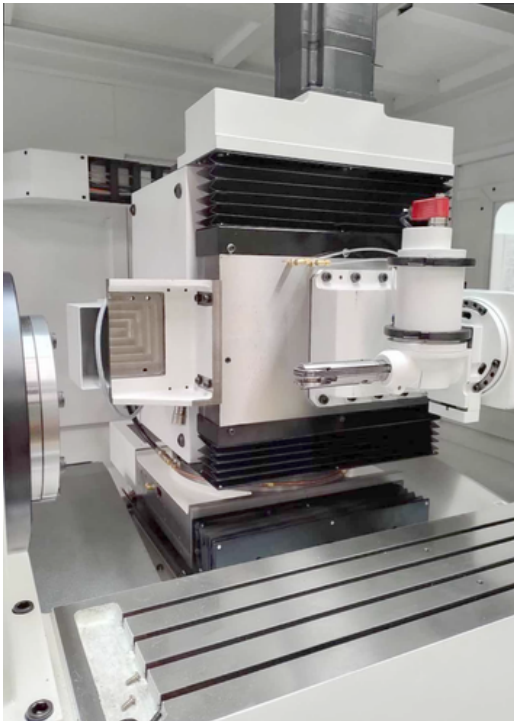
SAM 021184**HUAWIN Art IG 20**

Gruppe	Innenverzahnungsschleifmaschine
Hersteller	HUAWIN
Art	IG 20
Youtube video	https://youtu.be/HPZOV1c9hoE



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	