

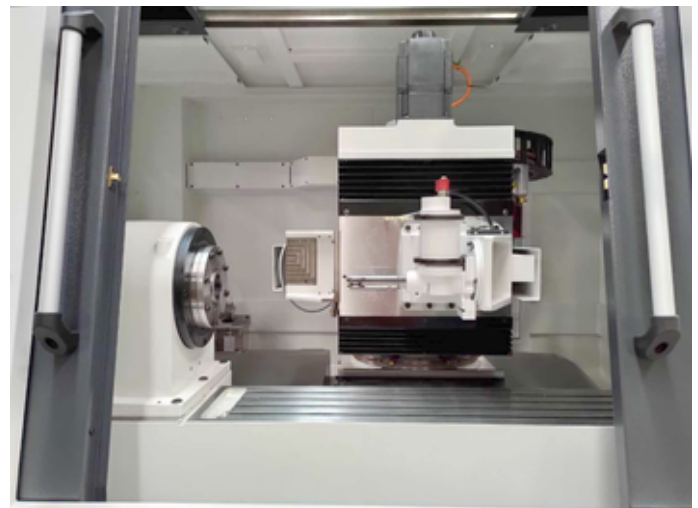
SAM 021184**HUAWIN Type IG 20**

Group	Internal spline grinder
Manufacturer	HUAWIN
Type	IG 20
Youtube video	https://youtu.be/HPZOV1c9hoE

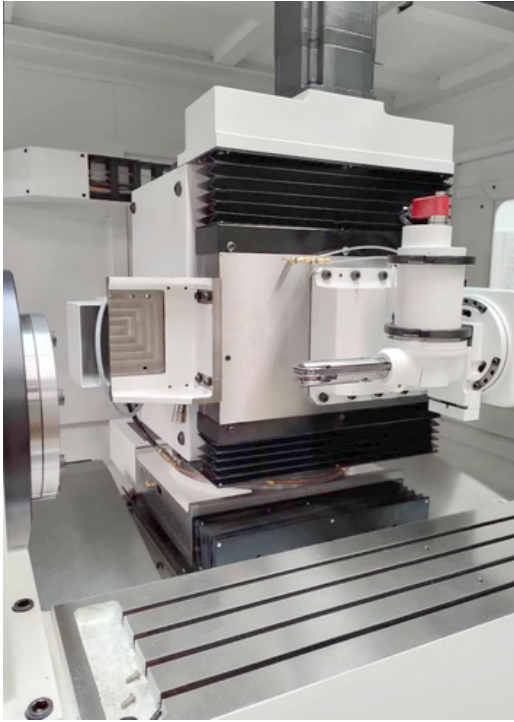


Swing diameter	200 mm
min. spline inside diameter	20 mm
max. spline inside diameter	45 mm
min. spline bottom diameter	25 mm
max. spline bottom diameter	55 mm
Spline width min.	5 mm
Spline width max.	15 mm
Min. broaching length	100 mm
Number of spline	1 - 10
Travels:	
X axis	150 mm
Y axis	100 mm
Z axis	600 mm
Spindle motor	kW
max. speed	16500 t/min
Air connect	5 bar
Total power required	20 kVA
Machine's weight about	4500 kg
Overall dimensions machine:	
Length	2250 mm
Width	1700 mm
Height	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.



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	