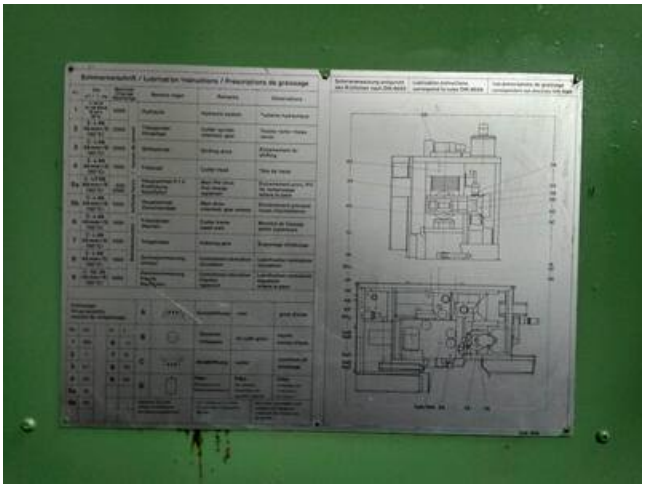


HURTH


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Machine Id	***:-***	***1287***	**Serial No**	**:-**	
Category	**:-**	**Gear Related Machines**	**Model**	**:-**	**WF 280**
Country	**:-**	**Germany**	**Make**	**:-**	**Hurth**
Type of Machine	**:-**	**Used Gear Hobbing Machine**	**Year**	**:-**	**1985**
Weight	**:-**	**0.0**	**Dimensions**	**:-**	
Power	**:-**		**Location**	**:-**	**Mumbai Warehouse,India**

Specification :-

workpiece dia. 280 mm
module 6
The gear hobbing machine HURTH WF 280 is characterized by high productivity, a stationary table, and an operating convenience. Scales are mounted on all movable slides showing each position analog. That abbreviates set up times for repetitive operations. Hydraulic clamping devices for column, head and shift slide provide high hobbing accuracy. When changing the work piece manually or changing the hob cutter, such features grant a considerable time reduction. The electronic distance sensor (Linotast) takes over the exact positioning and constant cutting depth by using a hydro-cylinder with linear amplifier.

work piece

Max. Workpiece –Ø(under specific circumstances)	280 mm (330 mm)
Max. module	6
Max. hob face width for spur gears	250 mm
Min. number of teeth	6

Helix angle = facing head pivoting angle	+50° /- 45°
Working area	
Min./max. distance between cutter and table	25 / 260 mm
Cutting depth adjustment with Linotast	0 /25 mm
Min. /max. distance work piece table –cutting axis	200 / 450 mm
Max. travel of hob slide	250 mm
Min. / max. distance between table and steady	350 / 650 mm
Max. travel of steady	300 mm
Work piece table- Ø	250 mm
Table bore- Ø(Ø x depth)	100 x 315 mm
Max. travel of shifting slide (Z-travel)	170 mm
Tool	
Max. cutter- Ø	145 mm
Max. cutter length	220 mm
cutter bore or clamping arbor- Ø	32,40
Taper of cutter spindle	ISA 40
Cutter spindle rpm	31-560 rpm
RPM and Feeds	
Max. table rotation 1 step drive	25 rpm
2 step drive	50 rpm
Rapid travel (X-way)	1800 mm / min.
Rapid travel (Y-way)	8100 mm / min.
Feed in Y- direction (with change gears)	0,5 –8,0 mm / WR
Shifting speed in Z-direction	72,5 mm / min.
Electric /Space required/Weight	
Power required	28 kW, 380 V 50 Hz
Space required, approx.	4,8 x 3,0 x 2,5 m
Weight of the machine, approx.	9000 kg