



















Machine Id	:-	1113	Serial No	:-	
Category	:-	Gear Hobbers	Model	:-	WF 280
Country	:-	Germany	Make	:-	Hurth
<b>Type of Machine</b>	:-	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)
Max. module
Max. hob face width for spur gears
Min. number of teeth

280 mm (330 mm) 6 250 mm 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				
ΤοοΙ					
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				