

KUNARK HITECH MACHINING & SALES PVT.LTD.



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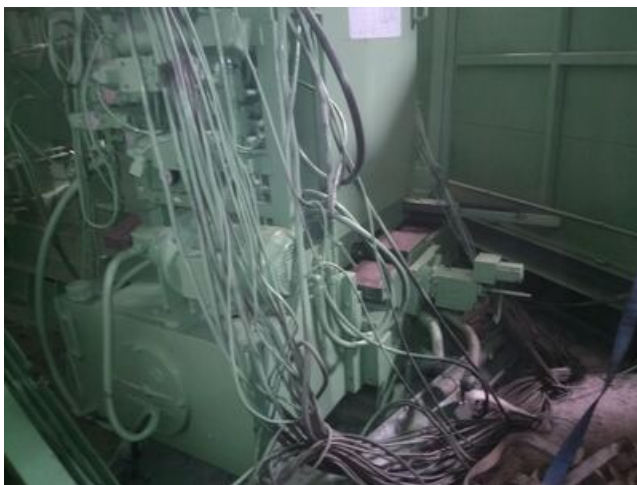
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Machine Id	:- 1113	Serial No	:-
Category	:- Gear Hobbers	Model	:- WF 280
Country	:- Germany	Make	:- Hurth
Type of Machine	:- Used Gear Hobbing Machine	Year	:- 1985
Weight	:- 0.0	Dimensions	:-
Power	:-	Location	:- Mumbai Warehouse,India

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