



4 Axis - Servo Controlled



GEAR HOBGING MACHINE

SPECIFICATIONS

(All dimensions are in mm)

MODEL		HM 4 - NC / HM 6 - NC	
CAPACITY		WORK TABLE	
Max. Module	: 4 / 6	Diameter (mm)	: 560
Max .dia of gear (mm)	: 700	Bore (mm)	: 80
Min. Number of teeth	: 6	WORK ARBOR	
HOB SADDLE		Mounting Taper	: MT 5
Max.Travel (mm)	: 290	Max. Length of Job	
Max for 15° Helix angle (mm)	: 150	Over the work arbor housing (mm)	: 490
Max for 30° Helix angle (mm)	: 150	Through the Table Bore (mm)	: 1000
Max for 45° Helix angle (mm)	: 110	SPEEDS AND FEEDS	
HOB HEAD		Number of Hob spindle speeds	: 8
Setting for Helical gears	: ± 45°	Range of spindle speeds (rpm)	: 30 to 150
HOB ARBOR		Number of vertical Feeds	: 11
Diameter (mm)	: 27	Range (Per rev.of table)	: 0.5 to 3
Mounting Taper	: MT 4	POWER	
Centre distance between		Main drive motor	: 2 kW / 5.5 kW
Hob Arbor and work Arbor. Min/Max	: 50 / 370	Rapid traverse motor	: 0.75 kW
Distance between Table surface to		Coolant Motor	: 0.09 kW
Centre of Hob Arbor Min/Max	: 160 / 450	Net Weight	: 3000 Kg
HOB CUTTER SIZE			
Max. Diameter	: 120		
Max. Length	: 127		
Max. Hob Shift (Manual)	: 40		

STANDARD ACCESSORIES

- 1) Work Supports
- 2) Work Arbor
- 3) Hob Arbor
- 4) Coolant Pump
- 5) Machine lamp 24V

SALIENT FEATURES :

- ❖ High Precision
- ❖ Sturdy Design
- ❖ Virtually Zero Setup Time
- ❖ Operator Friendly
- ❖ Smooth Operation
- ❖ Precision Workmanship

Note : In view of continuous development, we reserve the right to change the designs and/or dimensions without notice.

Manufactured by

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