



Reliability Ensured

CNC GEAR HOBBING MACHINE



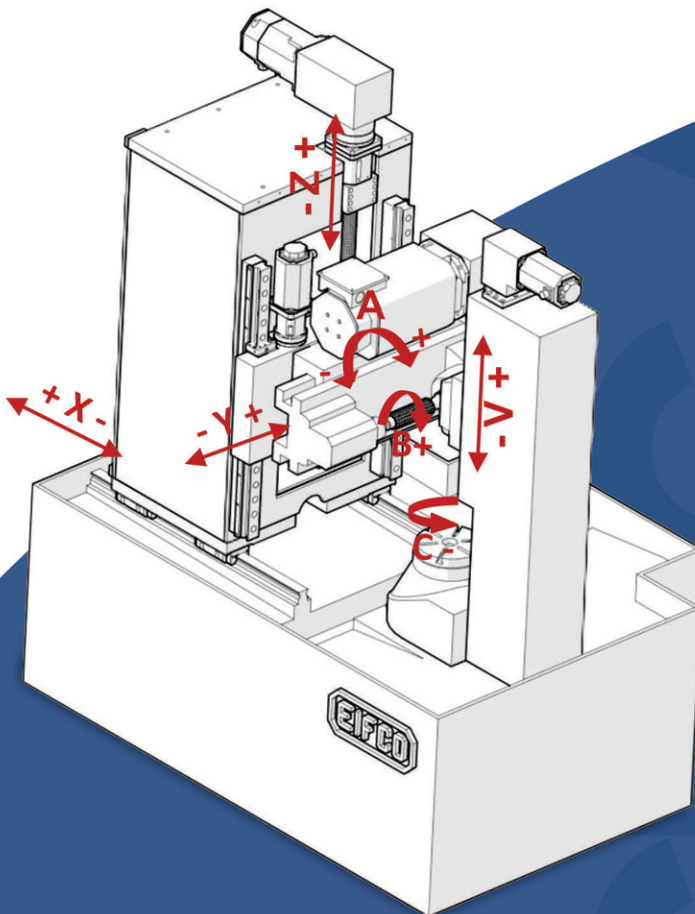


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- Super Precision Roller type LM Guide for Z axis and V axis
- Axial feed (Z-Axis) infinitely variable through precision ball screw driven by AC Servo Motor
- Radial feed (X-Axis) infinitely variable through precision ball screw driven by AC Servo Motor
- Tangential feed (Y-Axis) infinitely variable through precision ball screw driven by AC Servo Motor
- Cutter Helix Compensation (A-Axis) infinitely variable driven by Ac Servo Motor
- Servo Tailstock with torque control (V-Axis)
- Super Precision Hob Spindle (B-Axis) and Work Spindle (C-Axis)

Features

- 7 Axis CNC System
- Remote Manual Pulse Generator for CNC Machine
- In built Power Failure Module for CNC Machine
- Suitable for cutting Spur/Helical/Spline/Sprocket & Worm wheel
- Automatic pressurized lubrication system
- Electronic Gear Box
- Lead correction software module
- MOP & Span correction software module
- Lead crowning and taper hobbing module
- Cluster cycle module
- Auto Thermal Compensation for X axis
- Spindle Load Monitoring function



CNC AXIS
REPRESENTATION

CNC VERTICAL GEAR HOBGING MACHINE



Technical Data	HOBBER 150	HOBBER 180	HOBBER 210	HOBBER 250	HOBBER 320/350	HOBBER 400/500	HOBBER 630
Spindle/Table drive Type	Direct Drive	Direct Drive	Direct Drive	Direct Drive	Direct Drive	Direct Drive	Geared
Max. Workpiece Dia (mm)	150	180	210	250	320/350	400/500	630
Max. Module (Steel) (mm)	2.5	4	4	6	6	8	10
Max. Vertical Slide Travel (mm)	350	350	500	500	500	500	500
Distance of Hob axis from table surface (min/max) (mm)	160/510	160/510	160/660	160/660	160/660	200/700	200/700
Max. Hob Dia (mm)	90	120	120	150	150	180	180
Max. Hob Length (mm)	180	180	180	180	180	230	230
Hob Head Swivel angle* (deg)	+45/- 45	+45/- 45	+45/- 45	+45/- 45	+45/- 45	+45/- 45	+45/- 45
Spindle RPM	3000	3000	2100	1800	1800	1200	400
Max. Driving Power, Hob Spindle (kw)	15	18	29	29	36	40	15
Total Connected Load (kVA)	30	50	60	60	70	75	60
Weight of the Machine Approx (tonnes)	7.5	7.5	10	10	12	14	16
Number of CNC Axes	7/8	7/8	7/8	7/8	7/8	6/7	6/7

CNC HORIZONTAL GEAR HOBBING MACHINE



TECHNICAL DATA EIFCO HOBBER

Max. Workpiece Dia 90/120/200/300	Max. HOB Shift Length 180	Max. Driving Power, HOB Spindle 15 kW
Max. Module in Steel 4	HOB Head Swivel Angle* +45 to -45	Total Connected Load 50 kVA
Between Centre Customizable Customizable	HOB Spindle Speed (Inf Variable) Max 1200	CNC Controller Fanuc Oi- MF
Max. HOB Dia 90/120/150	Rapid Traverse Axial 5000mm/min	
Max. HOB Length 180	Rapid Traverse Radial 5000mm/min	



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