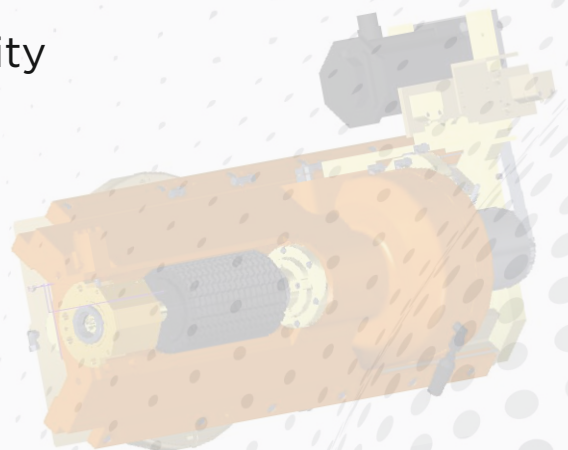




CNC HIGH SPEED GEAR HOBGING MACHINES

- Rigid casting bed with thermal stability
- Continuous path CNC for 6 axis
- Automatic Hob Head swivel
- Hob Arbor Quick clamping device
- Automatic Hob shifting
- Electronic Gearbox (EGB)

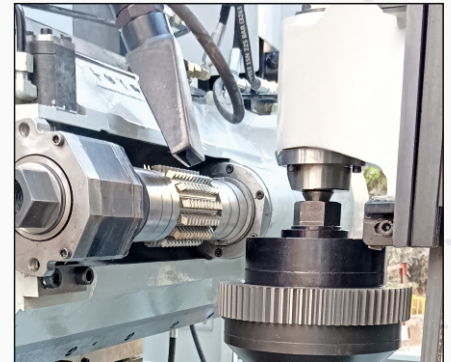
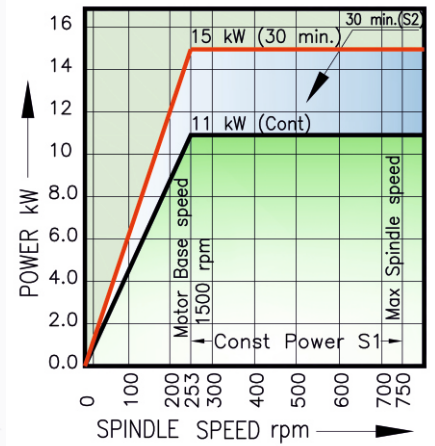


GHM-250 / GHM-250(HS)

CNC Gear Hobbing Machine Specifications

SPECIFICATIONS	Unit	PMT GHM-250	PMT GHM-250(HS)
WORKING CAPACITY			
Maximum Work Diameter	mm	250	250
Maximum Module	mm	5	5
DIMENSIONS			
'X' Axis :Center Distance between Workpiece and Hob			
Maximum	mm	225	225
Minimum	mm	25	25
X-Axis Traverse	mm	200	200
'Y' Axis Tangential Travel			
Maximum Hob Shifting	mm	170	170
'Z' Axis Minimum Distance between Table Top Face and Hob Head Centre			
Minimum	mm	150	150
Maximum	mm	450	450
Z-Axis Traverse	mm	300	300
'A' Axis Hob head swivel			
	degree	+45 / -30	+45 / -30
'B' Axis Hob Speed : Minimum / Maximum			
Hob Drive	rpm	125-750	3000 max
Hob Dimensions : Diameter x Length	-	Kinematics	Direct Drive
Taper of Spindle	mm	Ø130 x 180L	Ø130 x 180L
	-	ISO 40	HSK A 63
'C' Axis Table speed Max.			
Table Drive	rpm	85	1000
Diameter of Table	-	Kinematics	Direct Drive
Table Bore	mm	250	250
	mm	63H7	130H7
Support Column:			
Tail Stock	-	Standard	NC Tail Stock (W)
Table Top Face to Support Arm : Minimum / Maximum	mm	300-650	300-650
FEEDS			
Axial	mm/min	10000	10000
Radial	mm/min	10000	10000
Tangential	mm/min	3000	5000
ELECTRICALS			
Voltage	Volt	415 ± 6%	415 ± 6%
Frequency	Hz.	50 ± 3%	50 ± 3%
AC Spindle Motor Power / Base Speed	kW/rpm	11/1500	22/1000
Total KVA	KVA	50	65
CNC	-	FANUC / SIEMENS	FANUC / SIEMENS
OTHERS			
Weight of the Machine (Approx.)	kg.	9000	10000
Space requirement (Length x Width x Height)Approx.	mm	5500x4000x2700	5500x4000x2700
OPTIONAL FEATURES :			
Automatic Loading system			
Electrostatic oil mist collector			
Hob Arbors : Dia.22, 27, 40 mm			
Equipment for Dry cutting for High Speed (HS) model			

Power Diagram Hobbing



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