

Universal Gear Hobbing Machine



Standard Accessories

- ▶ Coolant Pump ▶ Hob Arbour ▶ Index Change Gears
- ▶ Work Arbour ▶ Feed Speed Gears ▶ Differential Gears

Gear hobbing machine is used for performing the operation of hobbing on the gears to create the desired teeth profiles. It gradually creates cut into the material, usually cylindrically shaped, to form teeth or splines with the help of a special cutting tool, known as the hob. The teeth profiles generated with the gear hobbing machine are quite accurate. It is usually preferred for manufacturing and producing spur and helical gears. The motor of the machine is mounted on the tailstock that powers the entire operation of the machine. Raw material is first mounted on the chuck rigidly and then the hob is fed to it in order to generate tooth profile.

SPECIFICATION

Model	GH 450	GH 750	GH 600
Maximum Dia. of Spur Gear	18"	30"	24"
Minimum Dia. of Spur Gear	1/2"	1"	1"
Maximum Module	5 Module	8 Module	6 Module
Maximum Travels of Hob Slide	10"	12"	11"
Maximum Helical Gear Cutting - LH/RH	45° LH/RH	45°	45°
Diameter of Work Table	16"	22"	18"
Work Table Bore	2"	3"	2.5"
Maximum Distance b/w Hob & Work Table	11"	18"	14"
Maximum Dia. of Hob	4"	5"	4"
Mounting Taper of Hob Spindle	Mt 3	Mt 4	Mt 4
Hob Spindle Speed	6	8	6
ELECTRICALS			
Main Motor Power	3 H.P.	3 H.P.	3 H.P.
Rapid Motor Power	1.5 H.P.	2 H.P.	2 H.P.