



HMT Precision Lathe Machine (NH 18)

Machine Make	HMT
Machine Specification	
Height of Centres	180 mm
Swing Over Bed	400 mm
Swing Over Cross Slide	Slide: 220 mm
Distance Between Centres	Centres: 1000 mm
Spindle Bore	40 mm
Spindle Nose	A2-5
Spindle Speed Range	40–2040 RPM (16 speeds)
Feed Range (Longitudinal):	0.04–2.24 mm/rev
Feed Range (Cross):	0.02–1.12 mm/rev
Metric Thread Pitches	0.5–28 mm (48 types)
Inch Thread Pitches	1 TPI (60 types)
Module Threads	0.25–14 mm (40 types)
Diametral Pitch Threads	2–112 DP (43 types)
Lead Screw Pitch	6 mm
Cross Slide Travel	215 mm
Top Slide Travel	105 mm
Tool Shank Size	25 x 25 mm
Tailstock Sleeve Travel	140 mm
Tailstock Taper	MT 4
Main Motor Power	5.5 kW (7.5 HP)



Center Lathe Machine (Gear Head)

Machine Make	Govind Foundry & Engg. Works
Machine Specifications	
Length of Bed	1370 mm (4'-6")
Width of Bed	230 mm
Height of Centre	167 mm
Swing Over Cross Slide	180 mm
Swing Over Bed	320 mm
Swing in Gap	525 mm
Admit Between Centres	725 mm
Spindle Bore	38 mm
Approximate Weight	500 kg
No. of Spindle Speeds	8/30 to 750 rpm
Threading Range	0.5 to 7 mm / 4 to 48 TPI
Tail Stock Spindle Travel	125 mm
Tail Stock Taper	MT3
Lead Screw Diameter	25 mm / 4 TPI
Electric Motor / Speed	1 HP / 1440 rpm