



**GANESH
MACHINERY**
The Edge in Cutting.

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GANESH Precision GT-1340 Geared-Head Engine Lathe

13" Swing over Bedways, 40" Center Distance



- **3-HP Spindle Motor**
- **Spindle Speeds from 70 – 2000 RPM**
- **8-Spindle Speed Gear-Ranges for High-Torque**
- **D1-4 Camlock Spindle**
- **1-1/2" Spindle Bore**
- **Safety Foot Brake**
- **18-3/4" Swing in 4.5" Wide Gap**
- **Includes Full-Length Back Splashguard**
- **MT#3 Tailstock Included for Shaft Work**

STANDARD GT-1340 ENGINE LATHE FEATURES

CONSTRUCTION:

- Meehanite Castings, fine grain and high-density cast iron using the superior Meehanite process yields superior vibration dampening and improved surface finish and tool life, as well as greater wear resistance on the ground way surfaces.
- Hardened to 52Rc & Ground Ways
- Gap-Bed for added workpiece capacity – 18-3/4” swing through the gap

HEADSTOCK:

- 3-HP spindle motor for efficient metal removal capability
- Hardened and ground D1-4 Camlock spindle with 1-1/2” bore
- Spindle supported by two Tapered-Roller bearings, 30212 front, 30210 rear.
- 8-speed geared-head w/ 70 – 2000 rpm spindle speeds
- Alloy Steel Hardened & Ground Headstock Gears
- Safety gated spindle control lever to protect from accidental engagement
- Chuck guard w/ Micro-switch to control spindle for added operator safety
- Efficient spindle footbrake provided for added operator safety

AXIS FEED DRIVE:

- A set of change gears is included for inch & metric thread cutting capability
- A thread dial indicator is included with the machine for inch & metric thread cutting
- Inch/Metric cross feed, compound, and longitudinal position indicator dials
- Safety overload clutch for feed shaft to protect gearing from overloads
- Safety torque limiting device for lead screw as well as a safety shear pin for lead screw
- The automatic feed mechanism is mechanically interlocked with the thread cutting engagement lever to prevent damage thought simultaneous engagement.

MACHINE FEATURES:

- The electrical control box and coolant system are equipped with electro-magnetic contactors and overload relay protection devices to prevent motors from burning out and to ensure safe operation.
- The tailstock quill is oversized and equipped with a tang-drive and a drift-slot to make removing the centers and taper shank drills very easy.
- Flood coolant system is included
- A tool box and tool kit with grease gun is included with the machine
- Touch-up paint is included to help keep your machine investment looking new
- Inspection Report on accuracy to CNS 94 and B7001 standards included
- Instruction Manual, Tools and Tool Box with hand tools and lube gun included
- One-Year Limited Parts and Labor Warranty Included
- Large compliment of parts and accessories in stock to ensure your continued operation

MACHINE SPECIFICATIONS:**GT-1340****Capacity & Dimensions -**

Swing over Bed	13"
Center height	6-1/2"
Swing over Cross Slide	7-25/32"
Swing thru Gap	18-3/4"
Length of Gap in front of face plate, D1-4	4-1/2"
Distance between Centers	40"
Bed casting width, length, depth	7-3/8", 49-1/8", 11-13/32"

Spindle -

Spindle Motor Horsepower	3-HP
Spindle speeds – 8-speed geared head	70 – 2000 rpm

HIGH	1255	2000	755	460
LOW	90	300	115	70

Spindle Bore	1-1/2"
Spindle Nose	D1-4
Spindle taper in spindle nose	MT-5 Morse Taper-5

Carriage -

Cross slide travel	6 - 5/16"	160mm
Cross slide width	4 – 5/8"	118mm
Cross slide lead screw pitch	.200"/rev.	
Cross slide resolution per division	0.001"	(on diameters)
Carriage lead screw diameter / pitch	7/8" / 8 TPI	22mm / 3mm pitch
Feed rod dimension	3/4" hexagon	19mm hexagon

Compound -

Compound top slide travel	2-11/16"	68mm
Compound top slide width	3"	76mm
Cutting tool height maximum	5/8" x 5/8"	16mm x 16mm

Tailstock -

Quill diameter	1-21/32"	42mm
Quill stroke	4-1/2"	114mm
Quill taper	MT-3	Morse Taper #3
Quill tang drive and drift-slot for tailstock	included	
Tailstock body set-over adjustment	± 3/8"	± 10mm

Engraved with inch / metric quill graduations

Thread Cutting -

Thread cutting range – 31 inch pitches	4 – 56 TPI
Thread cutting range – 26 metric pitches	0.4 – 7mm
Thread cutting range – 32 diametral pitches	8 – 120 D.P.
Thread cutting range – 44 module pitches	0.2 – 3 M.P.

Feeds -

Feeds – longitudinal - 32 feeds	(With Clutched Feed Shaft For Safety)
Feeds – cross - 32 feeds	0.002" – 0.548"/rev.
	0.0007" – 0.0187"/rev.

Weight & Dimensions -

Machine Dimensions – L x W	76-3/8" x 29-3/4" (1940 x 755mm)
Machine height	48-3/4" 1238mm
Overall machine weight	1345 lbs. 610kgs
Electrical power requirements	220 volts , 3-Phase @ 20-amps

PRECISION BUILT IN TAIWAN AT OUR ISO-9000 APPROVED FACILITY

Prices and specifications subject to change without prior notice.