



GTW-1340
MACHINE QUOTATION

Precision GTW-1340

Universal 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**
- **Safety Foot Brake**
- **Includes Full-Length Back Splashguard**
- **MT#3 Tailstock Included for Shaft Work**

STANDARD GTW-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

HEADSTOCK:

- 3-HP spindle motor for efficient metal removal capability
- Hardened and ground D1-4 Camlock spindle
- Spindle supported by two Tapered-Roller bearings, 30212 front, 30210 rear.
- 8-speed geared-head
- 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 toolbox 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 Toolbox 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:

Capacity & Dimensions -

Swing over Bed
Center height
Swing over Cross Slide
Swing thru Gap
Length of Gap in front of face plate, D1-4
Distance between Centers
Bed casting width, length, depth

Spindle -

Spindle Motor Horsepower
Spindle speeds – 8-speed geared head

Spindle Bore
Spindle Nose
Spindle taper in spindle nose

Carriage -

Cross slide travel
Cross slide width
Cross slide lead screw pitch
Cross slide resolution per division
Carriage lead screw diameter / pitch
Feed rod dimension

Compound -

Compound top slide travel
Compound top slide width
Cutting tool height maximum

Tailstock -

Quill diameter
Quill stroke
Quill taper
Quill tang drive and drift-slot for tailstock
Tailstock body set-over adjustment

Thread Cutting -

Thread cutting range – 31 inch pitches
Thread cutting range – 26 metric pitches
Thread cutting range – 32 diametral pitches
Thread cutting range – 21 module pitches

Feeds -

Feeds – longitudinal - 32 feeds
Feeds – cross - 32 feeds

Weight & Dimensions -

Machine Dimensions – L x W
Machine height
Overall machine weight
Electrical power requirements

GTW-1340

13"
6-1/2"
7-25/32"
18-3/4"
4-1/2"
40"
7-3/8", 65-1/8", 11-13/32"

3-HP
70 – 2,000 rpm

HIGH	1255	2000	755	460
LOW	190	300	115	70

1-1/2"
D1-4
MT-5 Morse Taper-5

6 - 5/16" 160 mm
4 – 5/8" 118 mm
8 TPI
0.25"/rev. (On diameters)
7/8" / 8 TPI 22 mm / 3 mm pitch
3/4" hexagon 19 mm hexagon

2-11/16" 68 mm
3" 76 mm
5/8" x 5/8" 16 mm x 16 mm

Engraved with inch / metric quill graduations
1-21/32" 42 mm
4-1/2" 114 mm
MT-3 Morse Taper #3
included
±0.04" ± 1 mm

4 – 56 TPI
0.4 – 7 mm
8 – 120 D.P. (optional)
0.2 – 3 M.P. (optional)

(With Clutched Feed Shaft for Safety)
0.002" – 0.548"/rev.
0.0007" – 0.0187"/rev.

76-3/8" x 29-3/4" (1,940 x 755 mm)
48-3/4" 1,238 mm
1,345 lbs. 610 kgs
220 volts, 3-Phase @ 8.50 amps

GTW-1340 LATHE PRICE

GTW-1340 13" X 40" Engine Lathe

\$10,990.00

INCLUDED WITH GT-1340 MACHINE

6" 3-jaw scroll chuck
8" 4-jaw independent chuck
Steady Rest Capacity :10 – 90mm (With Brass Contact Pads)
Follower Rest
Full Length Splash Guard
Foot brake
4-Way Tool Post w/wrench
Chuck Guard w/ Micro Switch
Machine Leveling Pads
Halogen Work Light

Special Value Package

GTW-1340 13" X 40" Engine Lathe with Value Package

\$13,990.00

Includes:

- Newall 2-Axis Digital Readout Installed
- Wedge-Type Quick-Change tool post installed, size BXA with 3" square base & 5-toolholders

Machine Options

Factory machine installation: "Peace-of-Mind Factory Installation" – includes expenses	\$2,995.00
Wiring machine for 440-volt service. (Net price)	\$495.00
Newall 2-Axis Digital Readout Installed	\$3,495.00
16-piece 5C Collet set	\$495.00
Live Center MT-3	\$695.00
JACOBS® Drill Chuck and Arbor, 1/2" capacity	\$295.00
Collet Closer (JFK) quick-action lever style - installed	\$1,750.00
Wedge-Type Quick-Change tool post installed, size BXA import with 3" square base & 5-toolholders 1-ea.) 5/8" Turn/Face, 5/8" Bore/Turn/Face, H-D 5/8" Bore, 5/8" Knurl/Turn/Face, Part-Off	\$595.00
Dorian Wedge-Type Quick-Change tool post installed, size BXA with 3" square base & 4-toolholders 2 ea. Turn/Face toolholder, 2 ea., Bore/Turn/Face toolholder	\$1,195.00

Terms of Sale

Warranty –1 full year parts warranty on the machine. Labor warranty will be provided by your local servicing distributor.

Parts – Spare parts are available at our facility in Chatsworth to support your continued machine operation.

F.O.B. Point – Machines ship F.O.B. from Chatsworth, CA 91311.

Payment Terms – 30% down payment with your Purchase Order secures the machine. 60% is due prior to machine shipment, and the 10% balance is due after installation or the machine can be financed with our approved lender. Leases with \$1.00 buyout are available upon approved credit.

Purchase is governed by the Expand Machinery terms and conditions of sale.

UL & TÜV ELECTRICAL APPROVAL IS AN AVAILABLE OPTION

Prices and specifications subject to change without prior notice.