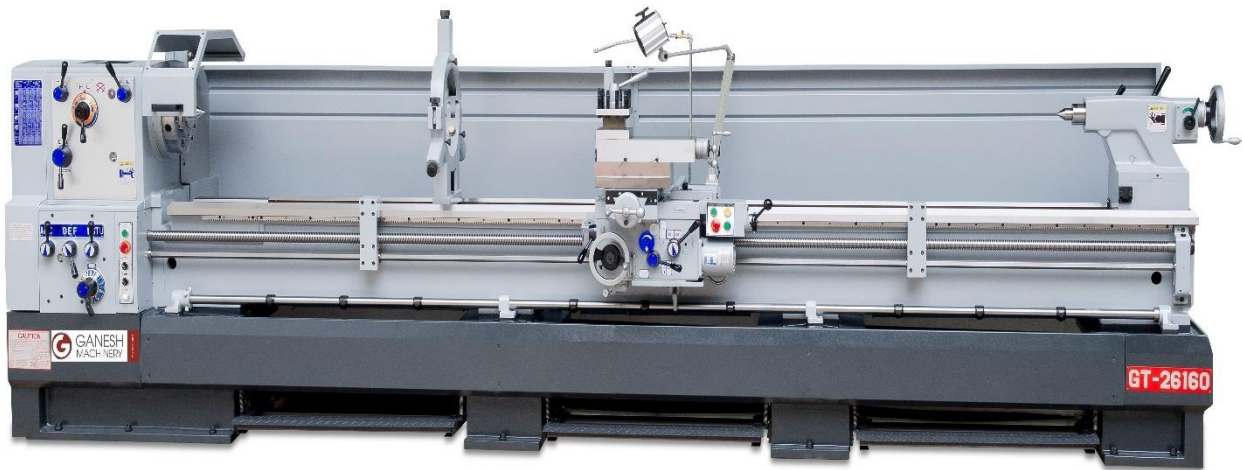




**GTW-26**  
**MACHINE QUOTATION**

# **GTW-26 Precision Lathe Series**

## **26" Swing, 80" – 160" Between Centers**



### **Electric Motor Driven**

#### **INCLUDES:**

- 15-HP Spindle Motor
- Spindle Speeds from 15 – 1,200 RPM
- 12-Spindle Speed Gear-Ranges for High-Torque
- D1-11 Camlock Spindle
- 4-1/8" Spindle Bore
- Longitudinal Rapid Traverse Positioning
- Efficient 2-Speed Quill Advance
- 33-1/4" Swing in 6.5" Wide Gap

# **STANDARD GTW-26 SERIES LATHE FEATURES:**

## **CONSTRUCTION:**

- Castings are made of fine grain high-density cast iron using the superior Meehanite process to provide greater strength & vibration dampening for better surface finish and extended tool life.
- Induction Hardened 52Rc bed ways are Precision Ground and Turcite - B Anti-Friction coated
- Gap-Bed with 33-1/4" swing clearance for added workpiece capacity in the 6.5" wide bed gap

## **HEADSTOCK:**

- 15-HP spindle motor for efficient metal removal capability
- Hardened & ground D1-11 Camlock spindle
- 4-1/8" spindle bore.
- 3-bearing spindle – 2x NSK 32030 Tapered Roller Bearings, and 6026 rear ball bearing
- 12-speed geared-headstock with 15 – 1200 rpm spindle speeds
- Alloy Steel Hardened & Ground Headstock Gears
- Safety gated spindle control lever to protect from accidental engagement
- Chuck guard with safety interlock switch
- Footbrake provided for added safety and operational convenience

## **AXIS FEED DRIVE:**

- Longitudinal Rapid Traverse positioning for enhanced operator efficiency
- Extended Cross-Slide travel of 14.9" (380mm) is provided
- Inch / metric, diametral & modular threading capability without the use of change gears
- A thread dial indicator is included with the machine for inch & metric thread cutting
- Dual Inch/Metric cross feed, compound, and longitudinal position indicator dials
- Safety overload clutch for feed shaft to protect gearing from overloads
- Lead screw Safety Torque Limiting device as well as a shear pin for lead screw
- The automatic feed mechanism is mechanically interlocked with the thread cutting engagement lever to prevent damage though simultaneous engagement.
- The fourth rod controls a 4-position automatic feed stop which disengages the longitudinal feed motion at 4-adjustable pre-determined positions.

## **MACHINE FEATURES:**

- Automatic way lubrication with filtered pressure lubrication system.
- The electrical control box and coolant system are equipped with electro-magnetic contactors and overload relay protection devices to ensure safe operation.
- The tailstock features 2-speed quill advance for efficiency and ease of operation
- The quill is oversized and equipped with a tang-drive and a drift-slot to make removing the centers and taper shank drills very easy without damage to the quill face.
- Flood coolant system is included
- A toolbox and tool kit with grease gun and touch-up paint is included with the machine
- 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 stocked in USA to ensure continued operation

**Ganesh machines are built in our ISO-9002 certified factory in Taiwan.**

# GTW-26 SERIES MACHINE SPECIFICATIONS

## Capacity & Dimensions-

Swing over Bed	26"	(660 mm)
Center height	13"	(330 mm)
Swing over Cross Slide	17-5/16"	(440 mm)
Swing thru Gap	33-1/4"	(845 mm)
Length of Gap in front of faceplate, D1-11	6-1/2"	(165 mm)
Bed width	15-3/4"	(400 mm)

## Spindle-

Spindle Motor Horsepower 15-HP 3-Ph 12kw

Spindle speeds – 12-speeds from 15 – 1200 rpm)  
(High & Low speed range)

High	1200	120	520	50	860	85
Low	375	35	160	15	265	25

Spindle Bore	4-1/8"	(105 mm)
Spindle Nose	D1-11 Camlock	(A1-11 optional)
Spindle taper in spindle nose	MT-8	Morse Taper # 8
Spindle taper reduction sleeve provided	MT-5	MT-8 to MT-5
Spindle Max weight capacity (Chuck only)	660 lbs.	(300 kgs)
Spindle Max weight capacity (Chuck and Tailstock)	1,650 lbs.	(750 kgs)
Spindle Max weight capacity (Chuck, Steady Rest and Tailstock)	3,300 lbs.	(1,500 kgs)

## Carriage -

Cross slide travel	14.96"	(380 mm)
Cross slide width	7-3/32"	(180 mm)
Cross slide lead screw pitch	.200"/rev.	
Cross slide resolution per division	0.001"	(on diameters)
Carriage lead screw diameter	1-1/2"	(38 mm)
Carriage lead screw pitch	4 TPI	(6 mm pitch)

## Compound-

Four T-nut lock-down bolts on compound cross-slide base

Compound top slide travel	10"	(255 mm)
Compound top slide width	4-11/32"	(110 mm)
Cutting tool height maximum	1.0" x 1.0"	25 mm x 25 mm

## Tailstock- (2-speed quill advance)

Quill diameter	2-15/16"	(75 mm)
Quill stroke	6-5/16"	(160 mm)
Quill taper	MT-5	Morse Taper # 5
Tailstock body set-over adjustment	±0.04"	± 1 mm

## Thread Cutting-

Thread cutting range – 60 inch pitches	2 – 112 TPI	2 – 112 TPI
Thread cutting range – 60 metric pitches	0.2 – 14 mm	0.2 – 14 mm
Thread cutting range – 50 diametral pitches	4 – 112 D.P.	4 – 112 D.P.
Thread cutting range – 50 module pitches	0.2 – 7 M.P.	0.2 – 7 M.P.

## Feeds-

Feeds – longitudinal - 50 feeds	0.0014" – 0.0387"/rev.	0.037 – 1.04 mm/rev.
Feeds – cross - 50 feeds	0.0007" – 0.01935"/rev.	0.0185" – 0.52 mm/rev.

(with clutched feed shaft for safety)

## Power-

Power Requirements 220 vac, 3-Phase, 40 amps (440 vac optional)  
Coolant System 1/8-HP Pump Motor, 5 gallon (20L) tank capacity

# GTW-26 SERIES MACHINE PRICING

<b>GTW-2680 Heavy-Duty 26" X 80" Engine Lathe</b> 80.3" between centers, LxWxH – 140" x 51" x 54", G.W. 6,283 pounds	<b>\$47,990.00</b>							
<div style="border: 2px solid black; display: inline-block; padding: 2px 10px; background-color: yellow;"><b>INCLUDED WITH EACH MACHINE</b></div>								
<table border="1" style="margin: auto; border-collapse: collapse;"> <tr><td style="padding: 2px 10px;">Steady Rest with Roller Bearings - Capacity 4"-12"</td></tr> <tr><td style="padding: 2px 10px;">Follow Rest</td></tr> <tr><td style="padding: 2px 10px;">Full-Length Back Splash Guard</td></tr> <tr><td style="padding: 2px 10px;">Chuck Guard with Safety Interlock Switch</td></tr> <tr><td style="padding: 2px 10px;">Foot brake</td></tr> <tr><td style="padding: 2px 10px;">Halogen Work Light (55 Watts)</td></tr> <tr><td style="padding: 2px 10px;">Machine Leveling Pads &amp; Operating Hand Tools</td></tr> </table>		Steady Rest with Roller Bearings - Capacity 4"-12"	Follow Rest	Full-Length Back Splash Guard	Chuck Guard with Safety Interlock Switch	Foot brake	Halogen Work Light (55 Watts)	Machine Leveling Pads & Operating Hand Tools
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Machine Leveling Pads & Operating Hand Tools								
<b>GTW-26100 Heavy-Duty 26" X 100" Engine Lathe</b> 100.4" between centers, LxWxH – 160.1" x 51" x 54", G.W. 6,878 pounds	<b>\$50,990.00</b>							
<b>GTW-26120 Heavy-Duty 26" X 120" Engine Lathe</b> 120.5" between centers, LxWxH – 180.2" x 51" x 54", G.W. 7,474 pounds	<b>\$54,990.00</b>							
<b>GTW-26160 Heavy-Duty 26" X 160" Engine Lathe</b> 160" between centers, LxWxH – 220.4" x 51" x 54", G.W. 8,664 pounds	<b>\$57,990.00</b>							

## Machine Options

Peace-of-Mind Factory Installation – includes expenses	\$2,995.00
Taper Attachment Factory Installed	\$3,995.00
Wiring for 440-volt input voltage (Net Price)	\$495.00
Lead Screw Cover Factory Installed	\$1,995.00
JFK Collet Closer	P.O.R.

## Chuck Options

12" 3-Jaw Chuck	\$1,695.00
16" 4-Jaw Chuck, D1-11 Direct Mount	\$1,995.00

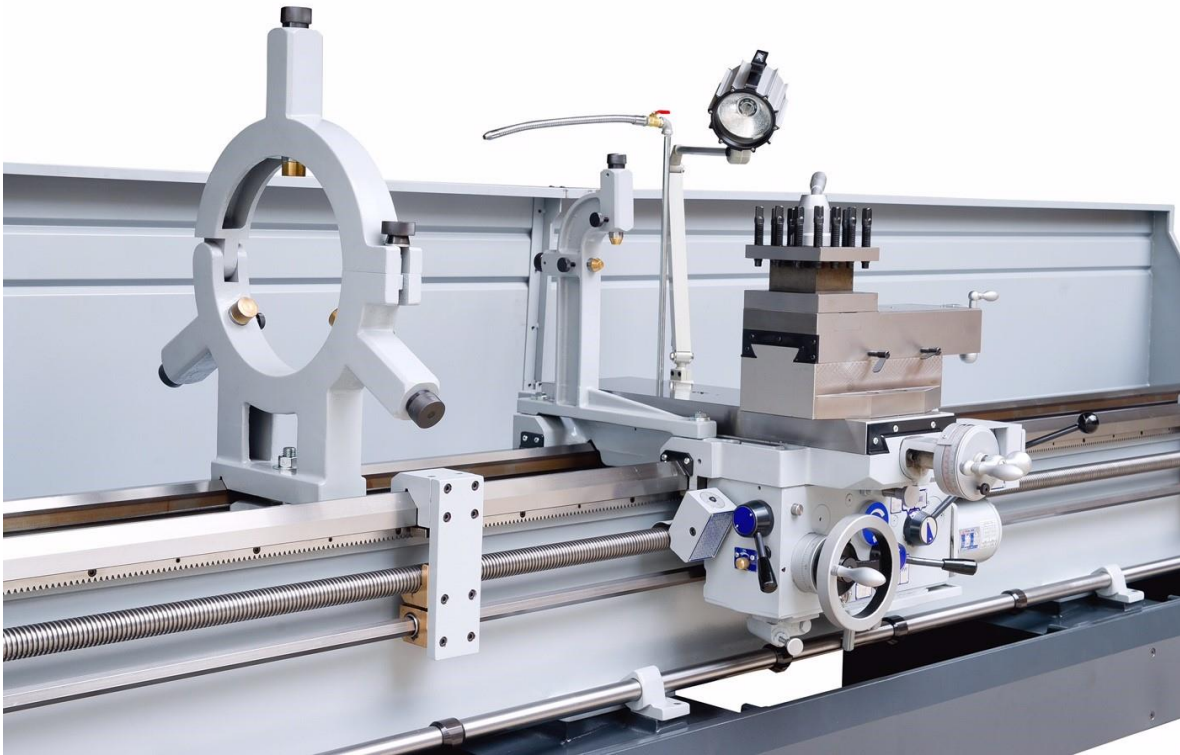
## Tooling and Workholding Options

Heavy Duty Steady Rest –3"-8" capacity w/ Roller Bearings	\$2,695.00
Heavy Duty Steady Rest –8"-15" capacity w/ Roller Bearings	\$3,395.00
Live Center MT-5	\$1,185.00
Dorian Quick-Change Wedge-Type DA size 4" wide toolpost & 4-toolholders: 2 ea. Turning/Facing toolholder, 2 ea. Boring/Turning/Facing toolholder	\$2,395.00

## Digital Readout Options     *Match DRO length to the desired bed-length.*

2-Axis 80" Newall Premium DRO's - installed	\$4,895.00
2-Axis 100" Newall Premium DRO's - installed	\$5,695.00
2-Axis 120" Newall Premium DRO's - installed	\$6,395.00
2-Axis 160" Newall Premium DRO's - installed	\$7,695.00

3-Axis readouts and additional FAGOR DRO models are available by request.



Superior Meehanite Construction *with* Optional Accessories

## 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 from 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 net-30 days 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.**