



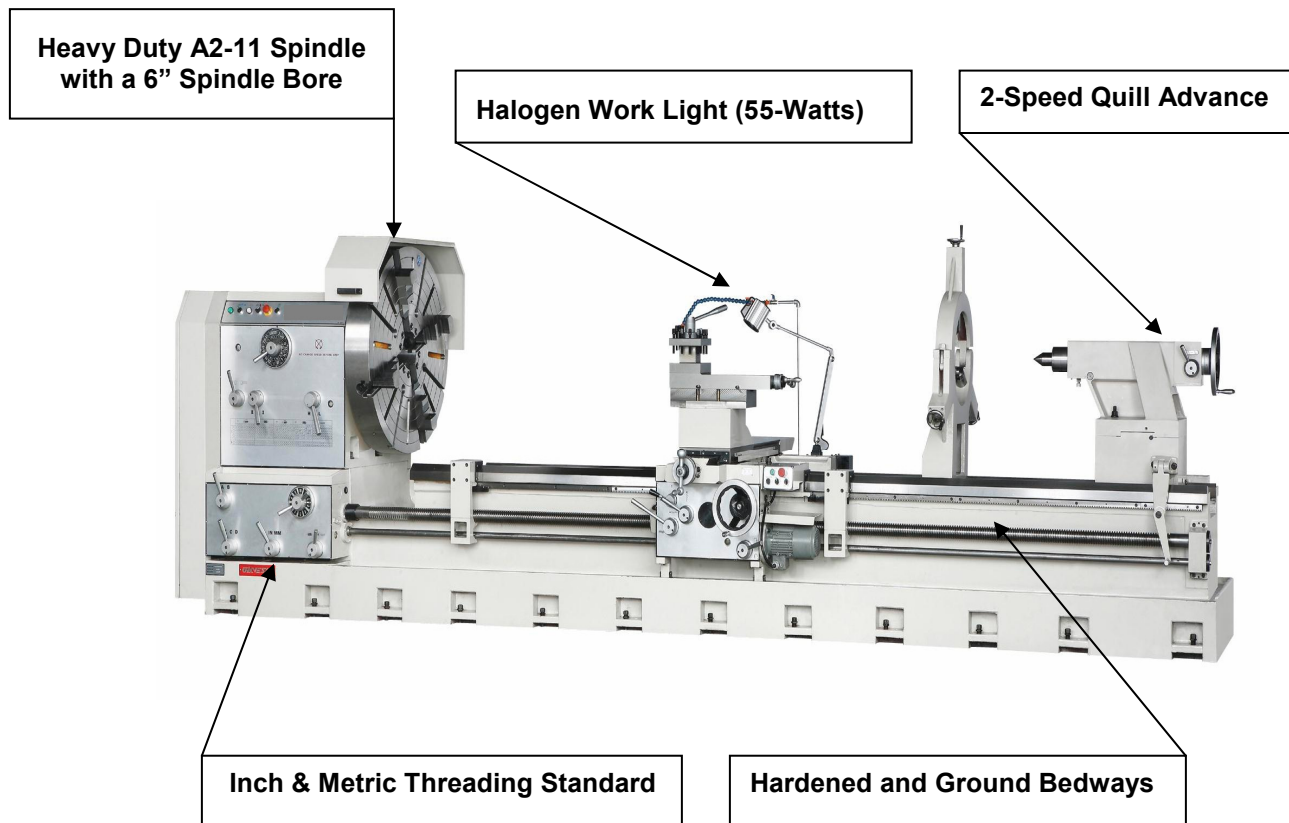
# GANESH MACHINERY

***CELEBRATING 26 YEARS IN BUSINESS – 1985 TO 2011***

## GANESH MACHINERY

The **Ganesh Machinery precision 44" Heavy-Duty Geared-Head Engine Lathe** series is built to the highest machine standards in the industry, and we are very confident that these high quality and feature packed machines provide the best value in the marketplace. We have many satisfied customers using these fine machines and they find them to be a terrific value, with high accuracy and exceptional reliability. They feature a 20-HP spindle motor for efficient metal removal, and the machines are very rigid, providing superior surface finish. The Ganesh 44" swing lathes are available with 160", 200" and 240" between center distances, and are built for demanding continuous-duty shop usage. The Meehanite castings that we use are of the highest quality with over twice the tensile strength offered by others, for enhanced wear resistance and providing for superior cutting load capability and improved tool life and surface finish. The build quality and attention to detail are unequalled and the technical support Ganesh offers their customers is unsurpassed in the machine tool industry.

## GANESH Precision GT- 44" Swing Heavy-Duty Geared-Head Engine Lathes with Rapid Feeds





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## **STANDARD GANESH GT-44 SERIES 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..
- Induction Hardened & Precision Ground oversized Bed Ways with Turcite - B coating
- Gap-Bed with 61" swing clearance for added workpiece capacity

### **HEADSTOCK:**

- 20-HP spindle motor for efficient metal removal capability
- Hardened & ground A2-11 spindle w/ 3-bearing support & 6" spindle bore
- 16-speed geared-headstock with 4 – 420 rpm spindle speeds
- Alloy Steel Hardened & Ground Headstock Gears
- Safety gated spindle control lever to protect from accidental engagement
- Footbrake provided for added safety and operational convenience

### **AXIS FEED DRIVE:**

- Rapid Traverse feed advance for enhanced operational efficiency
- 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 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 thought simultaneous engagement.
- The fourth rod controls a 4-position automatic feed stop which disengages the longitudinal feed motion at 4-distinct 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 prevent motors from burning out and to ensure safe operation.
- The tailstock features 2-speed quill advance and 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 and touch-up paint is included with the machine
- 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 continued operation



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## **GANESH MACHINE SPECIFICATIONS: GT-44160**

## **GT-44200**

### **Capacity & Dimensions-**

Swing over Bed	44"	44"	(1,117.6 mm)
Swing over Cross Slide	32"	32"	(812.8 mm)
Swing thru Gap	61"	61"	(1,550 mm)
Width of Gap	19.49"	19.49"	(495.05 mm)
Distance between Centers	160" (4,064mm)	200" (5,080mm)	
Bed width	24"	24"	(609.60 mm)

### **Spindle-**

Spindle Motor Horsepower	20-HP	20-HP	
Spindle speeds – 16-speeds from 4 – 420 rpm (GT-44160 & GT-44200) (High & Low)			
Spindle Bore	6"	6"	(152 mm)
Spindle Nose	A2-11	A2-11	
Spindle taper in spindle nose	MT-7	MT-7	

165	225	420	35	19	14	26	310
48	65	120	10	55	4	7	90

### **Carriage –**

Cross slide travel	23.60"	23.60"	(597 mm)
Width of Carriage	31.50"	31.50"	(800 mm)

### **Compound-**

Compound Rest Travel	14.57"	14.57"	(370.08 mm)
Cutting tool height maximum	1.57" x 1.57"	1.57" x 1.57"	(40 X 40 mm)

### **Tailstock- (2-speed quill advance)**

			Engraved with inch / metric quill graduations
Quill diameter	4.53"	4.53"	(115.06 mm)
Quill stroke	12"	12"	(304.80 mm)
Quill taper	MT-6	MT-6	Morse Taper # 6
Quill tang drive and drift-slot for tailstock	included	included	
Tailstock body set-over adjustment	± 1/2"	± 1/2"	(± 13mm)

### **Thread Cutting-**

			Lead Screw Diameter 60mm. Pitch 12mm. 1" X 2 T.P.I
Thread cutting range – 70 inch pitches	0.25-30 TPI	0.25-30 TPI	
Thread cutting range – 62 metric pitches	1-120 mm	1-120 mm	
Thread cutting range – 70 diametral pitches	1-120 D.P.	1-120 D.P.	
Thread cutting range – 53 module pitches	0.25-30 M.P.	0.25-30 M.P.	

### **Feeds-**

	(with clutched feed shaft for safety)
Feeds – longitudinal -	0.0024" – 0.28"/rev.
Feeds – cross -	0.0012" -- 0.14" in/rev
Feed control shaft	4-adjustable automatic feed stops to disengage the longitudinal feed
Feed Rod Diameter	32mm (1.26")



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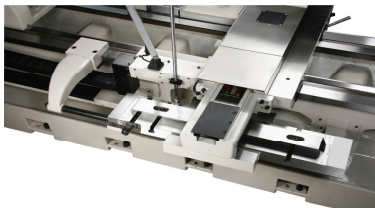
## Ganesh Precision 44" Heavy-Duty Geared-Head Engine Lathe

<b>GT-4480 Heavy-Duty 44" X 80" Engine Lathe</b>
<b>GT-44120 Heavy-Duty 44" X 120" Engine Lathe</b>
<b>GT-44160 Heavy-Duty 44" X 160" Engine Lathe</b>
<b>GT-44200 Heavy-Duty 44" X 200" Engine Lathe</b>
<b>GT-44240 Heavy-Duty 44" X 240" Engine Lathe</b>
<b>GT-44280 Heavy-Duty 44" X 280" Engine Lathe</b>
<b>Note: Other sizes 80" - 300" between centers available on special order</b>

<b>FREE PRODUCTIVITY PACKAGE INCLUDED WITH EACH MACHINE - A \$8,500 VALUE</b>
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<b>Steady Rest (16")</b>
<b>On Carriage Splash Guard</b>
<b>Face Plate</b>
<b>Back Plate</b>
<b>Dead Center</b>
<b>Foot brake</b>
<b>Spindle Taper Reduction Sleeve</b>
<b>4-Way Tool Post w/wrench</b>
<b>Machine Leveling Pads</b>
<b>Halogen Work Light (55 Watts)</b>



300-TA022	Taper Attachment
300-INSTA	Installation of Taper Attachment

### Machine Options

100-UP440	Wiring for 440 volt input voltage
300-MCST22	Micro Carriage Stop
300-MTST	Motorized Tailstock (Factory Order Only)
300-SSRB	Upgrade to Steady Rest with Roller Bearings
300-SR24	24" Steady Rest with Roller Bearings



300-FR40	Follower Rest
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**BIG BORE OPTIONS**

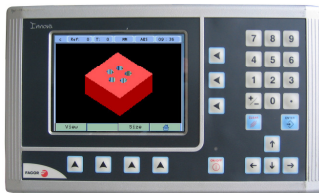
Upgrade to 9" Spindle Bore

Upgrade to 12" Spindle Bore

**LARGE SWING OPTIONS (Special order only)**

Additional 3" Riser on Headstock, Carriage and Tailstock (Raises swing to 50")

Additional 5.5" Riser on Headstock, Carriage and Tailstock (Raises swing to 55")

**Machine Productivity Enhancement Options****Choice of Newall & Fagor DRO****300-N1160 Newall C-80 2-axis 160" DRO w/ 3-year Warranty****300-N1200 Newall C-80 2-axis 200" DRO w/ 3-year Warranty**

**FAGOR INNOVA DIGITAL  
READOUT WITH LCD  
SCREEN**  
(AVAILABLE IN PACKAGE)

- High Resolution TFT Color Screen
- Solid Graphics with Sectional Views
- Conversational Graphic Help Screens
- Pocket, Bolt-hole, Linear & Matrix Cycles (Milling)
- 3 D turning simulation, Taper calculation, Axis coupling (Turning)
- Customizable for Milling, Boring, Turning, Grinding etc.
- 50 work offsets (Milling), Multiple Tool offsets( 16 or 20 sets)
- Built-In calculator with auto recall
- Part centering, Part alignment, Angle calculation in the plane
- USB port for easy communication and software updates

**Tooling & Work Holding Options**

- 300-203JD11 20" 3-Jaw Chuck, A2-11 Direct Mount  
300-253JD11 25" 3-Jaw Chuck, A2-11 Direct Mount  
300-254JD11 25" 4-Jaw Chuck, A2-11 Direct Mount  
300-404JD11 40" 4-Jaw Chuck, A2-11 Direct Mount  
300-404JA211 40" 4-Jaw Steel Body Chuck, A2-11 with Reversible Jaws  
300-DOR20 DORIAN Quick-Change toolpost & 4-toolholders





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300-QCT-20 Wedge-style Quick-change toolpost & 5-toolholders



300-LCMT5 Precision Live Center MT-6

300-JDC20 JACOBS Drill Chuck and MT-6 Arbor, 1" capacity



300-TTPG THEMAC Tool Post Grinder  
*ID AND OD WHEEL CAPACITY OF 6", INCLUDES SPINDLE EXTENTIONS FOR INTERNAL GRINDING*

## Training & Travel Package

**Training:** Ganesh Machinery Offers 2-day in-house training for all Tool room CNC machines. The intense training includes programming, machine setup, Maintenance for your new machine.  
There is no charge for the training program for all new customers.

### **Travel Package For Training at Ganesh:**

Includes Air fare, 3 nights hotel shuttle (back & forth to Ganesh), and lunch during training \$1,495.00

**On-Site Training:** \$975 per day plus expenses

**Warranty:** 1-year Full Parts and Labor Warranty. Your local authorized Ganesh Machinery servicing dealer provides warranty labor.

**Local Service:** Your authorized dealer offers local installation, service & training included in price of machine.

**F.O.B:** Machines ship F.O.B. Ganesh Machinery, Chatsworth, CA 91311

**Payment Terms:** 20% down Payment with Purchase Order, Balance due upon receipt, Net 30 days upon approved credit, Leases with \$1.00 buyback upon approved credit

**Delivery Schedule:** Stock to 8-weeks delivery. Subject to prior sale.





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**Note:** TUV & UL ELECTRICALS AVAILABLE FOR AN ADDITIONAL CHARGE

**Note:** Special financing options available on your approved credit.  
Prices and specifications subject to change without prior notice.

**Note:** Ganesh 30-day satisfaction Guarantee based on normal usage. Does not cover freight, rigging, or installation costs. Machine crashes or abuses are not covered under the Ganesh satisfaction guarantee.

**ONE FULL YEAR WARRANTY PROVIDED**

**SERVING INDUSTRY SINCE 1985**



**IN-HOUSE TRAINING CENTER**



**4000 SQ. FT SHOWROOM DEMO READY**



**STOCKED SPARE PARTS**



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## **TERMS & CONDITIONS OF SALE**

### **General**

Products and service furnished by us are sold only on the terms and conditions stated herein. Notwithstanding any terms or conditions on Customer's orders, our performance of any contract is expressly made conditional on Customer's agreement to these terms and conditions of sale. All contracts for the sale of products shall be construed under and governed by the laws of the State of California. All orders shall be subject to our acceptance.

### **Prices & Specifications**

All published prices and specifications are subject to change without notice. Unless otherwise specified in writing, all quotations are firm and expire thirty days after date thereof. Unless otherwise stated, all prices, published or quoted, shall be exclusive of transportation, insurance and taxes.

### **Transportation & Acceptance**

We reserve the right to select the means of transportation and routing when Customer's instructions are deemed unsuitable. Risk of loss and/or damage shall pass to Customer upon delivery of the products to the transportation company at the FOB point. Title shall pass to the Customer when products are delivered to the transportation company at the FOB point. All products must be inspected upon receipt and claims should be filed with the transportation company when there is evidence of shipping damage, either concealed or external. The furnishing of a product to the Customer shall constitute acceptance of that product by the Customer unless notice of defect or nonconformity is received by us within ten-days of receipt of the product at Customer's designated receiving address. We may repair or, at our option, replace defective or nonconforming parts after receipt of notice of defect or nonconformity.

### **Performance**

We shall not be liable in any way because of any delay in performance hereunder due to unforeseen circumstance or to causes beyond our control such as, but not limited to, strike, lockout, riot, war, fire, act of God, accident, and subcontractor or supplier delays. We reserve the right to substitute suitable products, when in our opinion such substitution is necessary due to such circumstance or causes. No order may be terminated by Customer except by mutual agreement in writing. Machines are not designed to conform to UL or OSHA Standards. It is the customer's responsibility to verify the electrical standards in their county.

### **Warranty & Liability for Machine Sales**

Our machines, including accessories and spare parts purchased and/or included with the machine sale, are guaranteed to be free from defects in workmanship for twelve months after date of purchase, unless specified otherwise. This warranty is effective only if the necessary information is provided, serial number of machine and nature of defect, and any part claimed defective is returned prepaid to us. No such return will be accepted unless we are first notified of the part to be returned. Upon its proper return to us, we shall repair or replace, at our option, the defective part. This warranty applies only if the products have been operated in accordance with normal procedure, and if no unauthorized repairs have been attempted. This warranty is expressly in lieu of and excludes all other express or implied warranties including, but not limited to, warranties of merchantability and fitness for particular purpose, use or application and all other obligations or liabilities on our part. The remedy of repair or replacement, as provided herein, shall be the buyer's exclusive remedy and will satisfy all our liabilities whether based upon contract, negligence, or otherwise. In no event shall we be liable for incidental, consequential or special damages. Liability to third parties for bodily injury including death relating to our performance or products delivered hereunder shall be determined in accordance with applicable law and shall not exceed the payment, if any, received by us for the product or service furnished.

### **Warranty & Liability for Accessory & Spare Part Sales**

Accessories and spare parts purchased after a machine sale and/or out of the machine warranty period are guaranteed to be free from defects in workmanship for 90-days after date of purchase, unless specified otherwise. This warranty is effective only if the necessary information is provided; original date of purchase and nature of defect, and any part claimed defective is returned prepaid to us. No such return will be accepted unless we are first notified of the part to be returned. Upon its proper return to us, we shall repair or replace, at our option, the defective part. This warranty applies only if the products have been operated in accordance with normal procedure, and if no unauthorized repairs have been attempted. This warranty is expressly in lieu of and excludes all other express or implied warranties including, but not limited to, warranties of merchantability and fitness for particular purpose, use or application and all other obligations or liabilities on our part. The remedy of repair or replacement, as provided herein, shall be the buyer's exclusive remedy and will satisfy all our liabilities whether based upon contract, negligence, or otherwise. In no event shall we be liable for incidental, consequential or special damages. Liability to third parties for bodily injury including death relating to our performance or products delivered hereunder shall be determined in accordance with applicable law and shall not exceed the payment, if any, received by us for the product or service furnished.

### **Indemnity and Hold Harmless**

Customer agrees to indemnify and hold Seller harmless for any and all claims or demands or liability, whether or not Seller has yet to become liable thereon, for any potential, threatened or actual liability, costs, or expenses, arising out of or relating to the sale or use of the equipment which is subject of this sale.

### **Terms of Payment**

All payments for products released and shipped on approved credit accounts shall be due in full thirty days from date of invoice therefore Past Due balances shall be subject to a service charge of 1-1/2% per month. Partial shipments will be billed as made and payments therefore are subject to the above terms. We may cancel or delay delivery of products in the event Customer fails to make prompt payment therefore or in the event of arrearage in Customer's account with us.

### **Disputes**

All disputes under any contract concerning products not otherwise resolved between Customer and we shall be resolved in a court of competent jurisdiction of Los Angeles, California.

### **Attorneys Fees**

Should any legal action or arbitration be brought for the enforcement of this Agreement or any term hereof, or due to any alleged dispute, breach, default or misrepresentation in connection with any provisions herein contained, the prevailing party shall be entitled to its reasonable attorneys' fees, expert witness fees and other costs and expenses, as well as recoverable court costs, incurred in any such action or proceeding and any action to enforce a judgment (including bankruptcy representation) and any appeal, in addition to such other relief, as may be granted by the court.