



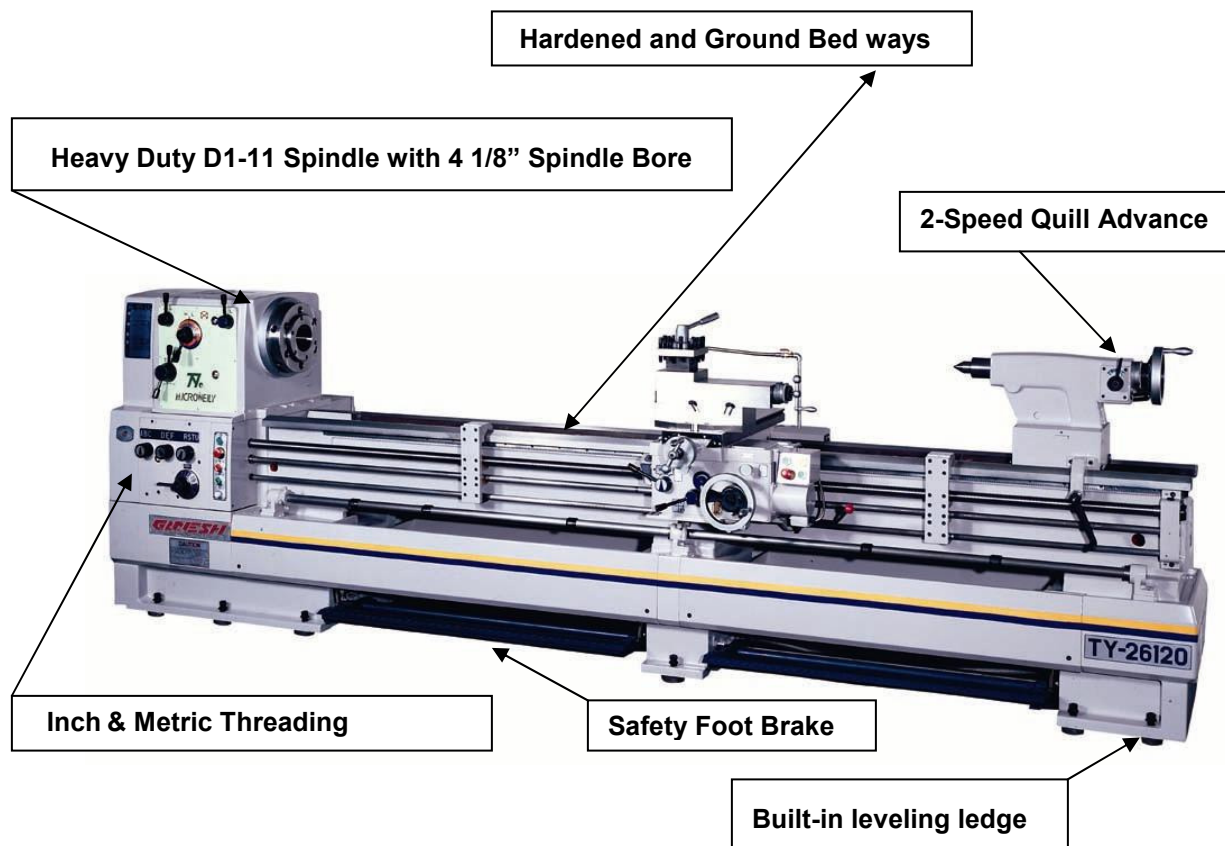
# GANESH MACHINERY

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

## GANESH MACHINERY

The Ganesh Machinery precision 26" 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 offer a 15-HP spindle motor for efficient metal removal, and the machines are very rigid, providing superior surface finish. The Ganesh 26" swing lathes are available with 120" and 160" 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 in the industry and the technical support Ganesh offers their customers is unsurpassed in the machine tool industry.

### **GANESH Precision 26" X 120" & 26" X 160" Geared-Head Engine Lathes with Rapid Feed**



Ganesh Machinery, Inc. - 20869 Plummer St. Chatsworth, CA 91311

Phone 818-349-9166 | Toll Free 888-542-6374 (US only) | FAX 818-349-7286 | [www.ganeshmachinery.com](http://www.ganeshmachinery.com)



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## **STANDARD GANESH GT-26 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 33-3/8" swing clearance for added workpiece capacity

### **HEADSTOCK:**

- 15-HP spindle motor for efficient metal removal capability
- Hardened & ground D1-11 Camlock spindle w/ 3-bearing support & 4-1/8" spindle bore
- 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
- Footbrake provided for added safety and operational convenience

### **AXIS FEED DRIVE:**

- Rapid 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



# GANESH MACHINERY

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## GANESH MACHINE SPECIFICATIONS:

### GT-26120

### GT-26160

## Capacity & Dimensions-

Swing over Bed	26"	26"	660.40 mm
Center height	15"	15"	381.00 mm
Swing over Cross Slide	18-1/8"	18-1/8"	460.38 mm
Swing thru Gap	33-3/8"	33-3/8"	848.00 mm
Length of Gap in front of face plate, D1-11	6-1/2"	6-1/2"	165.00 mm
Distance between Centers	120" (3048 mm)	160" (4064mm)	
Bed width	16-1/8"	16-1/8"	409.58 mm

## Spindle-

Spindle Motor Horsepower	15-HP
Spindle speeds – 12-speeds with 15 – 1200 rpm (GT-26120 & GT-26160)	
	(High & Low)

15-HP

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

Spindle Bore	4-1/8"	4-1/8"	105.00 mm
Spindle Nose	D1-11	D1-11	
Spindle taper in spindle nose	MT-7	MT-7	
Spindle taper reduction sleeve provided	MT-5	MT-5	

## Carriage –

Cross slide travel	12-1/2"	12-1/2"	317.50 mm
Cross slide width	7-3/32"	7-3/32"	180.18 mm
Cross slide lead screw pitch	.200"/rev.	.200"/rev.	5 mm/ rev
Cross slide resolution per division	0.001"	0.001"	0.005 mm
Carriage lead screw diameter	1-1/2"	1-1/2"	38.10 mm
Carriage lead screw pitch	4 TPI	4 TPI	
Feed rod dimensions	7/8" hexagon	7/8" hexagon (23mmhexagon)	

## Compound-

	Four T-nut lock-bolts on compound cross-slide Base		
Compound top slide travel	10"	10"	254.00 mm
Compound top slide width	4-11/32"	4-11/32"	110.33 mm
Cutting tool height maximum	1.0" x 1.0"	1.0" x 1.0"	25.4 X 25.4mm

## Tailstock- (2-speed quill advance)

	Engraved with inch / metric quill graduations		
Quill diameter	2-15/16"	2-15/16"	74.61 mm
Quill stroke	6-5/16"	6-5/16"	134.94 mm
Quill taper	MT-5	MT-5	Morse Taper # 5
Quill tang drive and drift-slot for tailstock	included	included	
Tailstock body set-over adjustment	± 1/2"	± 1/2"	(± 13mm)

## Thread Cutting-

Thread cutting range – 60 inch pitches	2 – 112 TPI	2 – 112 TPI
Thread cutting range – 60 metric pitches	0.2 – 14mm	0.2 – 14mm
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.



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## Feeds-

Feeds – longitudinal - 50 feeds  
 Feeds – cross - 50 feeds  
 Feed control shaft

(with clutched feed shaft for safety)

0.0014" – 0.0387"/rev. 0.0014" – 0.0387"/rev.

0.0007" – 0.01935rev. 0.0007" – 0.01935"/rev.

4-adjustable automatic feed stops to disengage the longitudinal feed

## Ganesh Precision 38" Heavy-Duty Geared-Head Engine Lathe

**GT-2640 Heavy Duty 26" X 40" Engine Lathe**

**GT-26120 Heavy Duty 26" X 120" Engine Lathe**

**GT-26160 Heavy Duty 26" X 160" Engine Lathe**

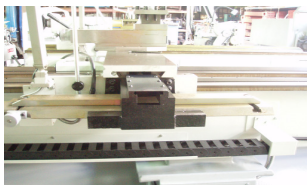
**Note: Shorter Bed 40", 60", 80", 100" Available on Special Order**

**FREE PRODUCTIVITY PACKAGE INCLUDED WITH EACH MACHINE**

<b>Steady Rest Capacity :</b>
<b>3" - 12" (Bearing Shaft is Optional)</b>
<b>Follower Rest</b>
<b>On Carriage Splash Guard</b>
<b>Face Plate</b>
<b>12" 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>

## Machine Options

100-UP440 Wiring of machine for 440 volt input voltage  
 300-MCST22 Micro Carriage Stop  
 300-SSRB Upgrade to Steady Rest with Roller Bearings  
 300-SSRBHD Heavy Duty 8"-15" Steady Rest w/ Roller Bearing support



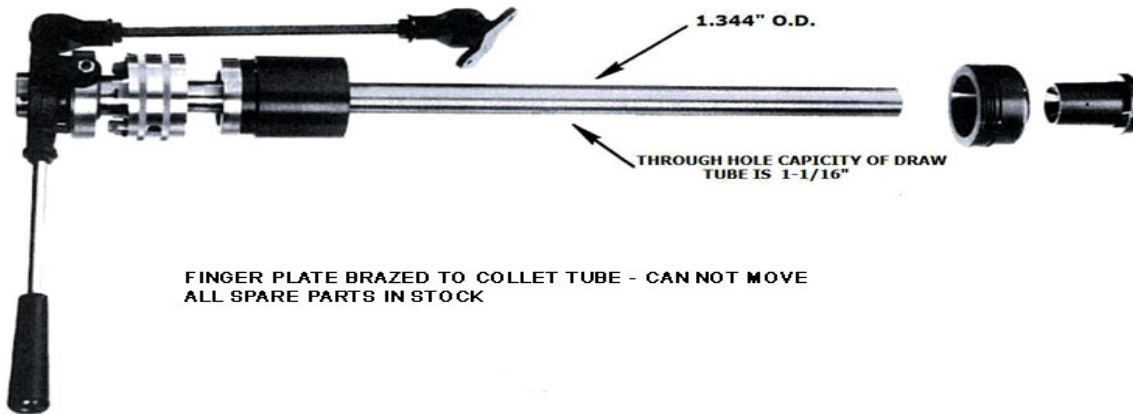
300-TA022 Taper Attachment  
 300-INSTA Installation of Taper Attachment



300-PAM10    Phase-A-Matic 10-HP Rotary Phase Converter

## **Machine Productivity Enhancement Options**

**300-J5C22    5C Collet Closer (JFK) quick-action lever type**



FINGER PLATE BRAZED TO COLLET TUBE - CAN NOT MOVE  
ALL SPARE PARTS IN STOCK

**[Choice of Newall & Fagor DRO](#)**

**300-N1120 2-axis 120" DRO Installed w/ 3-year Warranty**

**300-N1160 2-axis 160" DRO Installed w/ 3-year Warranty**

## **Workholding Options**

- 300-24FCP    24" Face Plate
- 300-123JD11    12" 3-Jaw Chuck, D1-11 Direct Mount
- 300-153JD11    15" 3-Jaw Chuck, D1-11 Direct Mount
- 300-163JD11    16" 4-Jaw Chuck, D1-11 Direct Mount
- 300-203JD11    20" 4-Jaw Chuck, D1-11 Direct Mount



300-6ZS12    12" 6-Jaw *Zero-Set* chuck, w/D1-11 adapter, *Tru-adjust* feature With Back Plate



300-3ZS12    12" 3-Jaw *Zero-Set* chuck, w/D1-11 adapter, *Tru-adjust* feature With Back Plate

300-BP22S    Back plate for Zero-Set chuck

## Tooling Options

### **300-DOR20 DORIAN Quick-Change toolpost & 4-toolholders**



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



**300-LCMT5 Precision Live Center MT-5**

- 300-JDC20 JACOBS Drill Chuck and MT-5 Arbor, 3/4" capacity  
300-L5C16 Lyndex precision 5C 16-piece Collet set, 1/8" – 1 – 1/16" x 16ths  
300-L5C31 Lyndex precision 5C 31-piece Collet set, 1/8" – 1 – 1/16" x 32nds  
300-L5C61 Lyndex precision 5C 61-piece Collet set, 1/8" – 1-1/16" x 64ths



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





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## Training & Travel Package

<b>Training:</b> Ganesh Machinery Offers 4-Hour in-house training for all conventional machines. The intense training includes Machine setup and maintenance for your new machine. There is no charge for the training program for all new customers.	
<b>Travel Package For Training at Ganesh:</b>	
Includes Air fare, 3 nights hotel shuttle (back & forth to Ganesh), and lunch during training	\$1,495.00
<b>On-Site Training:</b> \$975 per day plus expenses	
<b>Warranty:</b> 1-year Full Parts and Labor Warranty. Your local authorized Ganesh Machinery servicing dealer provides warranty labor.	
<b>Local Service:</b> Your authorized dealer offers local installation, service & training included in price of machine.	
<b>F.O.B:</b> Machines ship F.O.B. Ganesh Machinery, Chatsworth, CA 91311	
<b>Payment Terms:</b> 20% down Payment with Purchase Order, Balance due upon receipt, Net 30 days upon approved credit, Leases with \$1.00 buyback upon approved credit	
<b>Delivery Schedule:</b> Stock to 8-weeks delivery. Subject to prior sale.	

**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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# GANESH MACHINERY

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

### 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.