



**GANESH  
MACHINERY**  
*The Edge in Cutting.*

20869 Plummer St. Chatsworth, CA 91311  
Toll Free: 888-542-6374 (US only)  
Phone: 818-349-9166 | Fax: 818-349-7286  
[www.ganeshmachinery.com](http://www.ganeshmachinery.com)

# **Ganesh GHT-618 EVS**

## **High Accuracy Toolroom Lathe**



- **3-Horsepower Electronic Variable-Speed Inverter Motor**
- **130 - 4000 RPM Infinitely Variable Spindle Speeds**
- **11" Swing x 18" Between Centers**
- **Power Feeds in Both Cross and Longitudinal Axis**

**Features:**

*Extremely Accurate* angular contact ABEC class-7 (P4) ball bearings for extreme spindle accuracy  
5C Collet Spindle with Spindle runout less than 80 millionths



3-horsepower **Electronic Variable Speed inverter-drive spindle motor** for a broad usable speed range  
**Infinitely variable speeds 130 to 4,000 RPM with digital spindle speed readout and spindle load meter**



Dual range inch/metric gear box in oil bath with site gauge on apron

## **GHT-618 EVS MACHINE SPECIFICATIONS**

### **Work Holding capacity:**

|                        |               |                  |
|------------------------|---------------|------------------|
| With Round 5C Collets  | 1-1/16"       | (27 mm)          |
| With Hex 5C Collets    | 7/8"          | (22 mm)          |
| With Square 5C Collets | 3/4"          | (19 mm)          |
| With Expanding Collets | 3"            | (76 mm)          |
| With Step Chucks       | 1-1/16" to 6" | (27 to 152.4 mm) |
| With 3 & 4-Jaw chucks  | 5"            | (127 mm)         |

### **Machine Capacity:**

|                          |  |             |
|--------------------------|--|-------------|
| Swing over bed           | 11"  | (280 mm)    |
| Swing over carriage      | 9"   | (228.6 mm)  |
| Swing over cross slide   | 6"   | (152.44 mm) |
| Distance between centers | 18"  | (457 mm)    |
| Tailstock quill          | MT #2  |             |
| Main Motor               | 3-HP, 220 vac 3-phase 20 amps,<br>or single phase 35 amp service (peak)    |             |
| Coolant Pump             | 1/8-HP, 220vac, 3-phase only<br>(with coolant nozzle & flow control valve) |             |

### **Machine Travels & Specifications:**

|                                    |                 |  |
|------------------------------------|-----------------|--|
| Cross slide travel                 | 6"              | (152 mm)   |
| Compound slide travel              | 3"              | (76 mm)  |
| Quick action compound slide motion | 0.1"            | (2.5 mm) (eg. For thread pull out)               |
| Tailstock Quill Travel             | 3-3/4"          | (95 mm) features inch & metric quill graduations |
| Inch Threads (36)                  | 11-108 TPI      | Threading gearbox selectable w/o change gears    |
| Metric Threads (36)                | 0.675 – 11mm    | Threading gearbox selectable w/o change gears    |
| Carriage slide powerfeed range     | 5/16" – 7"      | (8 to 178mm)                                     |
| Cross slide powerfeed range        | 3/16" – 4"      | (5 to 102 mm)                                    |
| Net Weight                         | 2,280 lbs       | (1,425 Kg)                                       |
| Machine shipping dimensions LxDxH  | 74" x 30" x 66" | (1,880mm x 762mm x 1,676mm)                      |

**Prices and specifications subject to change without prior notice.**