



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

Work Holding Capacity

| | | |
|------------------------|-----------------|-----------------|
| With Round 5C Collets | 1 - 1/16" | (27mm) |
| With Hex 5C Collets | 7/8" | (22mm) |
| With Square 5C Collets | 3/4" | (19mm) |
| With Expanding Collets | 3" | (76mm) |
| With Step Chucks | 1 - 1/16" to 6" | (27 to 152.4mm) |
| With 3 & 4 Jaw Chucks | 6" | (152mm) |

Machine Capacity

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

Machine Travel & Specifications

| | | |
|---------------------------------------|-----------------------|---|
| Cross Slide Travel | 6" | (152mm) |
| Compound Slide Travel | 3" | (76mm) |
| Quick Action Compound Slide Motion | 0.1" | (2.5mm) (eg. For thread pull out) |
| Tailstock Quill Travel | 3 - 3/4" | (95mm) features inch & metric quill graduations |
| Inch Threads (36) | 11 - 108 TPI | Threading gearbox selectable w/o change gears |
| Metric Threads (36) | 0.275 - 2.7mm | Threading gearbox selectable w/o change gears |
| Carriage Slide Powerfeed Range | 3/16" - 4" per minute | (8 to 178mm) |
| Cross Slide Powerfeed Range | 5/16" - 7" per minute | (5 to 102mm) |
| Net Weight | 2420 lbs. | (1098 Kg) |
| Machine Shipping Dimensions L x D x H | 74" x 30" x 66" | (1880mm x 762mm x 1676mm) |