



GHT-618 EVS

High Accuracy Toolroom Lathe

- + 3-Horsepower Electronic Variable-Speed Inverter Motor
- + 130 - 4,000 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"	(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	6"	(152 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, 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"	(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)	0.275 - 2.7 mm	Threading gearbox selectable w/o change gears
Carriage Slide Powerfeed Range	5/16" - 7" per minute	(8 to 178 mm)
Cross Slide Powerfeed Range	3/16" - 4" per minute	(5 to 102 mm)
Net Weight	1,804 lbs	(820 kg)
Machine Dimensions L x D x H	74" x 30" x 66"	(1,880 mm x 762 mm x 1,676 mm)