



# MACHINE DATA SHEET

Customer Service #: (570) 546-9663 · To Order Call: (800) 523-4777 · Fax #: (800) 438-5901

## MODEL G9732 14" X 40" HIGH PRECISION TOOL ROOM LATHE

### Product Dimensions:

Weight..... 2498 lbs.  
Length/Width/Height..... 79 x 30 x 50 in.  
Foot Print (Length/Width)..... 76 x 21-1/2 in.

### Shipping Dimensions:

Type..... Wood Slat Crate  
Content..... Machine  
Weight..... 2507 lbs.  
Length/Width/Height..... 34 x 84 x 61 in.

### Electrical:

Switch..... Magnetic Switch with Thermal Overload Protection  
Switch Voltage..... 220V  
Minimum Circuit Size..... 20 amp  
Plug Included..... No  
Phase Converter..... G7979

### Motors:

#### Main

Type..... TEFC Induction  
Horsepower..... 5 HP  
Voltage..... 220V  
Prewired..... 220V  
Phase..... Three  
Amps..... 15.5A  
Speed..... 860/1725 RPM  
Cycle..... 60 Hz  
Number Of Speeds..... 2  
Power Transfer ..... Belt Drive to Gear  
Bearings..... Shielded and Permanently Lubricated

### Main Specifications:

#### Operation Info

Swing Over Bed..... 14-1/4 in.  
Dist Between Centers..... 40 in.  
Swing Over Cross Slide..... 8-5/8 in.  
Swing Over Saddle..... 8-1/4 in.  
Swing Over Gap..... 22 in.  
Max Tool Bit Size..... 5/8 in.  
Compound Travel..... 4 in.  
Carriage Travel..... 35 in.  
Cross Slide Travel..... 7-3/4 in.

**Headstock Info**

Spindle Bore..... 1-5/8 in.  
Spindle Taper..... MT#5  
No Of Spindle Speeds..... 16  
Range Of Spindle Speeds..... 65, 70, 75, 110, 140, 165, 220, 225, 330, 415, 450, 665, 830, 1000, 1330, 2000 RPM  
Spindle Type..... D1-5 Cam Lock  
Spindle Bearings..... Tapered Roller  
Spindle Length..... 20-1/4 in.  
Spindle Length with 3-Jaw Chuck..... 26-1/4 in.  
Spindle Length with 4-Jaw Chuck..... 24-3/4 in.

**Tailstock Info**

Tailstock Travel..... 5-3/4 in.  
Tailstock Taper..... MT#3  
Tailstock Barrel Diameter..... 2 in.

**Threading Info**

No Of Inch Threads..... 36  
Range Of Inch Threads..... 4 - 72 TPI  
Range Of Longitudinal Feeds..... 0.0012 - 0.016 in.  
No Of Longitudinal Feeds..... 13  
No Of Cross Feeds..... 13  
Range Of Cross Feeds..... 0.0004 - 0.0053 in./rev.  
No Of Metric Threads..... 27  
Range Of Metric Threads..... 0.4 - 7 mm  
No Of Modular Threads..... 18  
Range Of Modular Threads..... 0.3 - 3.5 MP  
No Of Diametrical Threads..... 21  
Range Of Diametrical Threads..... 8 - 44 DP

**Dimensions**

Bed Width..... 10 in.  
Leadscrew TPI..... 4  
Leadscrew Length..... 54 in.  
Steady Rest Capacity..... 3-1/2 in.  
Follow Rest Capacity..... 3-1/2 in.  
Faceplate Size..... 12 in.  
Leadscrew Diameter..... 1.120 in.  
Feed Rod Diameter..... 3/4 in.  
Floor To Center Height..... 44-1/2 in.

**Construction**

Base Construction..... Cast Iron  
Headstock Construction..... Cast Iron  
Headstock Gears Construction..... Steel  
Bed Construction..... Induction Hardened Cast Iron  
Body Construction..... Cast Iron  
Stand Construction..... Steel  
Paint..... Epoxy

**Other**

Kilowatt Output..... 2.3

**Other Specifications:**

Country Of Origin ..... Taiwan  
Warranty ..... 1 Year  
Serial Number Location ..... On Right Back Side Machine Body (Machine's Electrical Control Panel),  
Above On/Off Switch

**Features:**

- Built-in Stand
- Chip Tray Slides out for Easy Cleaning
- Chuck Safety Guard
- Coolant System
- Emergency Stop
- Feed Rod is Equipped with an Overload Clutch for Safety
- Foot Brake
- Full Length Splash Guard
- Halogen Light
- Headstock Gears Run in an Oil Bath
- Inch/Metric Dials
- Precision Ground V-Bed is Made of Meehanite Casting
- Threading Dial
- Totally Enclosed Universal Gearbox Allows Cutting of Inch, Metric, Whitworth, Module, and Diametral Threads
- Turret Micrometer Stop

**Accessories Included:**

- 10" 4-Jaw Chuck
- 12" Face Plate
- 8" 3-Jaw Chuck
- Center Sleeve
- Centers
- Extra 8" D1-5 Backplate
- Follow Rest
- Manual
- Service Tools
- Steady Rest
- Toolbox