



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.
Width (side-to-side) x Depth (front-to-back) x Height..... 79 x 30 x 50 in.
Footprint (Length x Width)..... 76 x 21-1/2 in.

Shipping Dimensions:

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

Electrical:

Minimum Circuit Size..... 20 amp
Switch..... Magnetic Switch with Thermal Overload Protection
Switch Voltage..... 220V
Plug Included..... No
Recommended Phase Converter..... G7978

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.
Distance Between Centers..... 40 in.
Swing Over Cross Slide..... 8-5/8 in.
Swing Over Saddle..... 8-1/4 in.
Swing Over Gap..... 22 in.
Maximum 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
Number of Spindle Speeds..... 16
Spindle Speeds..... 35, 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 Quill Travel..... 5-3/4 in.
Tailstock Taper..... MT#3
Tailstock Barrel Diameter..... 2 in.

Threading Info

Number of Longitudinal Feeds..... 13
Range of Longitudinal Feeds..... 0.0012 - 0.016 in.
Number of Cross Feeds..... 13
Range of Cross Feeds..... 0.0004 - 0.0053 in./rev.
Number of Inch Threads..... 36
Range of Inch Threads..... 4 - 72 TPI
Number of Metric Threads..... 27
Range of Metric Threads..... 0.4 - 7 mm
Number of Modular Pitches..... 18
Range of Modular Pitches..... 0.3 - 3.5 MP
Number of Diametral Pitches..... 21
Range of Diametral Pitches..... 8 - 44 DP

Dimensions

Bed Width..... 10 in.
Leadscrew Diameter..... 1.120 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.
Feed Rod Diameter..... 3/4 in.
Floor to Center Height..... 44-1/2 in.

Construction

Base..... Cast Iron
Headstock..... Cast Iron
Headstock Gears..... Steel
Bed..... Induction Hardened Cast Iron
Body..... Cast Iron
Stand..... 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
- 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