



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 METAL 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.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 220V, 3-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 15.5A
Minimum Circuit Size..... 20A
Plug Included..... No
Switch Type..... Magnetic Switch w/Thermal Overload Protection
Recommended Phase Converter..... G7978

Motors:

Main

Horsepower..... 5 HP
Phase..... 3-Phase
Amps..... 15.5A
Speed..... 860 / 1725 RPM
Type..... TEFC Induction
Power Transfer Belt Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... N/A

Main Specifications:

Operation Info

Swing Over Bed..... 14.25 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.....	1.57 in.
Spindle Taper.....	MT#5
Number of Spindle Speeds.....	16
Spindle Speeds.....	35 – 2000 RPM
Spindle Type.....	D1-5 Camlock
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 – 0.0160 in./rev.
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 – 7.0 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.
Carriage Leadscrew Diameter.....	1.120 in.
Leadscrew TPI.....	4 TPI
Carriage 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
End Gears.....	Steel
Bed.....	Induction-Hardened, Precision-Ground Cast Iron
Body.....	Cast Iron
Stand.....	Formed Steel
Paint Type/Finish.....	Epoxy

Other Specifications:

Country of Origin	Taiwan
Warranty	1 Year
Serial Number Location	ID Label on Right Back Side Machine Body (Machine's Electrical Control Panel), Above On/Off Switch
ISO 9001 Factory	No
Certified by a Nationally Recognized Testing Laboratory (NRTL)	No

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