



MACHINE DATA SHEET

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

MODEL G9249 12" X 37" BELT DRIVE GAP BED LATHE

Product Dimensions:

Weight..... 1136 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 64 x 27 x 49 in.
Footprint (Length x Width)..... 57 x 14 in.

Shipping Dimensions:

Carton #1

Type..... Wood Crate
Content..... Machine
Weight..... 1024 lbs.
Length x Width x Height..... 71 x 29 x 29 in.
Must Ship Upright..... Yes

Carton #2

Type..... Cardboard Box
Content..... Left Stand
Weight..... 76 lbs.
Length x Width x Height..... 27 x 18 x 14 in.
Must Ship Upright..... No

Carton #3

Type..... Cardboard Box
Content..... Right Stand
Weight..... 58 lbs.
Length x Width x Height..... 27 x 15 x 11 in.
Must Ship Upright..... No

Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 7.5A
Minimum Circuit Size..... 15A
Plug Included..... No
Switch Type..... Magnetic Switch w/Thermal Overload Protection

Motors:

Main

Horsepower..... 2 HP
Phase..... Single-Phase
Amps..... 7.5A
Speed..... 1725 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer Belt Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... External

Main Specifications:

Operation Info

Swing Over Bed.....	12 in.
Distance Between Centers.....	37 in.
Swing Over Cross Slide.....	6-3/4 in.
Swing Over Saddle.....	6-1/2 in.
Swing Over Gap.....	18.88 in.
Maximum Tool Bit Size.....	5/8 in.
Compound Travel.....	3-1/2 in.
Carriage Travel.....	31-1/2 in.
Cross Slide Travel.....	6 in.

Headstock Info

Spindle Bore.....	1.57 in.
Spindle Size.....	2-1/4 in.
Spindle Taper.....	MT#5
Spindle Threads.....	8 TPI
Number of Spindle Speeds.....	12
Spindle Speeds.....	50 – 1200 RPM
Spindle Type.....	Threaded
Spindle Bearings.....	Tapered Roller
Spindle Length.....	14-1/2 in.
Spindle Length with 3-Jaw Chuck.....	20-1/4 in.
Spindle Length with 4-Jaw Chuck.....	19-5/8 in.

Tailstock Info

Tailstock Quill Travel.....	3 in.
Tailstock Taper.....	MT#3
Tailstock Barrel Diameter.....	1.25 in.

Threading Info

Number of Longitudinal Feeds.....	16
Range of Longitudinal Feeds.....	0.0047 – 0.0165 in./rev.
Number of Cross Feeds.....	16
Range of Cross Feeds.....	0.0023 – 0.0082 in./rev.
Number of Inch Threads.....	50
Range of Inch Threads.....	4 – 112 TPI
Number of Metric Threads.....	24
Range of Metric Threads.....	0.25 – 7.50 mm

Dimensions

Bed Width.....	7-1/8 in.
Carriage Leadscrew Diameter.....	7/8 in.
Leadscrew TPI.....	8 TPI
Carriage Leadscrew Length.....	45 in.
Faceplate Size.....	10 in.
Feed Rod Diameter.....	3/4 in.
Floor to Center Height.....	44-1/2 in.

Construction

Base.....	Cast Iron
Headstock.....	Cast Iron
End Gears.....	Cast Iron
Bed.....	Induction-Hardened, Precision-Ground Cast Iron
Body.....	Cast Iron
Stand.....	Formed Steel
Paint Type/Finish.....	Epoxy

Other Specifications:

Country of Origin China
Warranty 1 Year
Serial Number Location ID Label on Headstock
ISO 9001 Factory No
Certified by a Nationally Recognized Testing Laboratory (NRTL) No

Features:

Carriage-Mounted On/Off Control Lever
Chip Tray
Chuck Safety Guard
Full Length Splash Guard
Heavy-Duty Stand
Helical Back Gears
Inch/Metric Dials
Micro Switches Shut Off Machine When Side Door or Top Lid are Opened
Precision Hardened and Ground V-Bed
Threading Dial
Uses Tooth Belt to Reduce Vibration and Noise

Accessories Included:

10" Face Plate
4 Way Tool Post
6" 3-Jaw Chuck
8" 4-Jaw Chuck
Center Sleeve
Centers
Follow Rest
Manual
Metric Threading Change Gears
Rocker Style Tool Post
Service Tools
Steady Rest
Toolbox