



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.
 Length/Width/Height..... 64 x 27 x 49 in.
 Foot Print (Length/Width)..... 57 x 14 in.

Shipping Dimensions:

Carton #1

Type..... Wood Crate
 Content..... Machine
 Weight..... 1024 lbs.
 Length/Width/Height..... 71 x 29 x 29 in.

Carton #2

Type..... Cardboard
 Content..... Left Stand
 Weight..... 76 lbs.
 Length/Width/Height..... 27 x 18 x 14 in.

Carton #3

Type..... Cardboard
 Content..... Right Stand
 Weight..... 58 lbs.
 Length/Width/Height..... 27 x 15 x 11 in.

Electrical:

Switch..... Magnetic Switch with Thermal Overload Protection
 Switch Voltage..... 220V
 Minimum Circuit Size..... 15 amp
 Plug Included..... No

Motors:

Main

Type..... TEFC Capacitor Start Induction
 Horsepower..... 2 HP
 Voltage..... 220V
 Prewired..... 220V
 Phase..... Single
 Amps..... 7.5A
 Speed..... 1725 RPM
 Cycle..... 60 Hz
 Number Of Speeds..... 1
 Power Transfer Belt Drive
 Bearings..... Shielded and Permanently Lubricated

Main Specifications:

Operation Info

Swing Over Bed.....	12 in.
Dist Between Centers.....	37 in.
Swing Over Cross Slide.....	6-3/4 in.
Swing Over Saddle.....	6-1/2 in.
Swing Over Gap.....	18-7/8 in.
Max 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.....	1-7/16 in.
Spindle Size.....	2-1/4 in.
Spindle Taper.....	MT#5
Spindle Threads.....	8
No 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 Travel.....	3 in.
Tailstock Taper.....	MT#3
Tailstock Barrel Diameter.....	1-1/4 in.

Threading Info

No Of Inch Threads.....	50
Range Of Inch Threads.....	4 - 112 TPI
Range Of Longitudinal Feeds.....	0.0047 - 0.0165 in.
No Of Longitudinal Feeds.....	16
No Of Cross Feeds.....	16
Range Of Cross Feeds.....	0.0023 - 0.0082 in./rev.
No Of Metric Threads.....	24
Range Of Metric Threads.....	0.25 - 7.5 mm

Dimensions

Bed Width.....	7-1/8 in.
Leadscrew TPI.....	8
Leadscrew Length.....	45 in.
Faceplate Size.....	10 in.
Leadscrew Diameter.....	7/8 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.....	Cast Iron
Bed Construction.....	Induction Hardened Cast Iron
Body Construction.....	Cast Iron
Stand Construction.....	Formed Steel
Paint.....	Epoxy

Other

Kilowatt Output.....	1.119
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Other Specifications:

Country Of Origin China
Warranty 1 Year
Serial Number Location Front Center Headstock

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