



# 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.

#### Carton #2

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

#### Carton #3

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

### Electrical:

Minimum Circuit Size..... 15 amp  
Switch..... Magnetic Switch with Thermal Overload Protection  
Switch Voltage..... 220V  
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.
Distance 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.
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.....	1-7/16 in.
Spindle Size.....	2-1/4 in.
Spindle Taper.....	MT#5
Spindle Threads.....	8
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.....	1-1/4 in.

**Threading Info**

Number of Longitudinal Feeds.....	16
Range of Longitudinal Feeds.....	0.0047 - 0.0165 in.
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 - 7.5 mm

**Dimensions**

Bed Width.....	7-1/8 in.
Leadscrew Diameter.....	7/8 in.
Leadscrew TPI.....	8
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
Headstock Gears.....	Cast Iron
Bed.....	Induction Hardened Cast Iron
Body.....	Cast Iron
Stand.....	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