

# MACHINE SPECIFICATIONS



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## MODEL M1015 6" X 10" MINI METAL LATHE

### Product Dimensions

Weight..... 64 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 27-3/4 x 11-1/2 x 12 in.  
Footprint (Length x Width)..... 19-3/4 x 4 in.

### Shipping Dimensions

Type..... Wood Crate  
Content..... Machine  
Weight..... 78 lbs.  
Length x Width x Height..... 28 x 15 x 13 in.

### Electrical

Power Requirement..... 110V, Single-Phase, 60 Hz  
Prewired Voltage..... 110V  
Full-Load Current Rating..... 1.2A  
Minimum Circuit Size..... 15A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Plug Included..... Yes  
Included Plug Type..... 5-15  
Switch Type..... Forward/Reverse & Button Switches

### Motors

#### Main

Horsepower..... 1/5 HP  
Phase..... Single-Phase  
Amps..... 1.2A  
Type..... ODP Permanent-Split Capacitor  
Bearings..... Sealed & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... N/A

### Main Specifications

#### Operation Info

Swing Over Bed..... 6 in.  
Distance Between Centers..... 10 in.  
Swing Over Cross Slide..... 4-1/8 in.  
Swing Over Saddle..... 5 in.  
Maximum Tool Bit Size..... 3/8 in.  
Carriage Travel..... 10 in.  
Cross Slide Travel..... 2-3/8 in.

**Headstock Info**

Spindle Bore..... 0.375 in.  
Spindle Taper..... MT#2  
Number of Spindle Speeds..... Variable  
Spindle Speeds..... 100 - 2000 RPM  
Spindle Type..... Intrinsic Back Plate  
Spindle Bearings..... Tapered Roller  
Spindle Length..... 6 in.  
Spindle Length with 3-Jaw Chuck..... 8-5/8 in.  
Spindle Length with 4-Jaw Chuck..... 8-3/16 in.  
Spindle Length with Faceplate..... 6-5/8 in.

**Tailstock Info**

Tailstock Quill Travel..... 2 in.  
Tailstock Taper..... MT#1  
Tailstock Barrel Diameter..... 20 mm

**Threading Info**

Number of Longitudinal Feeds..... 2  
Range of Longitudinal Feeds..... 0.002, 0.004 in./rev.  
Number of Inch Threads..... 5  
Range of Inch Threads..... 12 - 24 TPI

**Dimensions**

Bed Width..... 3-1/4 in.  
Carriage Leadscrew Diameter..... 10 mm  
Leadscrew TPI..... 16 TPI  
Carriage Leadscrew Length..... 487 mm

**Construction**

Base..... Cast Iron  
Headstock..... Cast Iron  
End Gears..... Steel  
Bed..... Precision-Ground Cast Iron  
Body..... Cast Iron  
Paint Type/Finish..... Epoxy

**Other**

Country of Origin ..... China  
Warranty ..... 2 Years  
Approximate Assembly & Setup Time ..... 1 Hour  
Serial Number Location ..... ID Label on Headstock  
ISO 9001 Factory ..... Yes  
Certified by a Nationally Recognized Testing Laboratory (NRTL) ..... No

**Accessories**

- 3" 3-jaw chuck w/internal & external jaws
- 4 hex wrenches
- Socket head wrench
- Double-ended wrench
- MT#1 dead center
- Oil cup
- Chuck key
- Fuse
- 2 T-nuts