

# MACHINE SPECIFICATIONS



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## MODEL M1112 GUNSMITH LATHE WITH STAND

### Product Dimensions

Weight..... 1213 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 61 x 26 x 54-1/2 in.  
Footprint (Length x Width)..... 57-1/2 x 14-1/2 in.

### Shipping Dimensions

#### Carton #1

Type..... Wood Crate  
Content..... Machine  
Weight..... 1050 lbs.  
Length x Width x Height..... 66 x 30 x 29 in.

#### Carton #2

Type..... Cardboard Box  
Content..... Stand  
Weight..... 308 lbs.  
Length x Width x Height..... 31 x 27 x 19 in.

### Electrical

Power Requirement..... 220V, Single-Phase, 60 Hz  
Prewired Voltage..... 220V  
Full-Load Current Rating..... 12A  
Minimum Circuit Size..... 15A  
Connection Type..... Cord & Plug  
Power Cord Included..... No  
Recommended Power Cord..... "S"-Type, 3-Wire, 14 AWG, 300 VAC  
Plug Included..... No  
Recommended Plug Type..... 6-15  
Switch Type..... Control Panel w/Magnetic Switch Protection

### Motors

#### Main

Horsepower..... 2 HP  
Phase..... Single-Phase  
Amps..... 12A  
Speed..... 1725 RPM  
Type..... TEFC Capacitor-Start Induction  
Power Transfer ..... Twin V-Belt Drive  
Bearings..... Shielded & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... Internal

## Main Specifications

### Operation Info

Swing Over Bed.....	12 in.
Distance Between Centers.....	36 in.
Swing Over Cross Slide.....	7 in.
Swing Over Saddle.....	11-11/32 in.
Swing Over Gap.....	17 in.
Maximum Tool Bit Size.....	5/8 in.
Compound Travel.....	3-1/4 in.
Carriage Travel.....	24 in.
Cross Slide Travel.....	6-1/4 in.

### Headstock Info

Spindle Bore.....	1.57 in.
Spindle Taper.....	MT#5
Number of Spindle Speeds.....	9
Spindle Speeds.....	70 - 1400 RPM
Spindle Type.....	D1-5 Camlock
Spindle Bearings.....	High-Precision Tapered Roller
Spindle Length with Faceplate.....	18-1/2 in.

### Tailstock Info

Tailstock Quill Travel.....	4 in.
Tailstock Taper.....	MT#3
Tailstock Barrel Diameter.....	1.563 in.

### Threading Info

Number of Longitudinal Feeds.....	40
Range of Longitudinal Feeds.....	0.0011 - 0.0310 in./rev.
Number of Cross Feeds.....	40
Range of Cross Feeds.....	0.0004 - 0.0105 in./rev
Number of Inch Threads.....	40
Range of Inch Threads.....	4 - 112 TPI
Number of Metric Threads.....	29
Range of Metric Threads.....	0.2 - 4.5 mm

### Dimensions

Bed Width.....	7-1/4 in.
Carriage Leadscrew Diameter.....	0.870 in.
Leadscrew TPI.....	8 TPI
Carriage Leadscrew Length.....	44 in.
Steady Rest Capacity.....	3/16 - 2 in.
Follow Rest Capacity.....	1/4 - 1 in.
Faceplate Size.....	10 in.
Feed Rod Diameter.....	3/4 in.
Floor to Center Height.....	46-1/4 in.
Height With Leveling Jacks.....	48-1/4 in.

## Construction

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

## Fluid Capacities

Headstock Capacity.....	3.5 qt.
Headstock Fluid Type.....	ISO 32 (eg. Grizzly T23963, Mobil DTE Light)
Gearbox Capacity.....	1 - 2 Pumps
Gearbox Fluid Type.....	ISO 68 (eg. Grizzly T23962, Mobil Vactra 2)
Apron Capacity.....	0.5 qt.
Apron Fluid Type.....	ISO 68 (SB1365, Grizzly T23962, Mobil Vactra 2)

## Other

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

## Features

- Removable Gap Bed Allows Turnings up to 17" in Diameter
- Easy to Use Lever Controls
- Full Length Splash Guard
- On/Off Reverse Switch on Carriage
- Halogen Work Light
- Ball Bearing Steady/Follow Rests
- Outboard End Support Screws
- Socket for Tailstock Lock
- Steel Stand with Extended Base
- Cast Aluminum Gear Cover
- Nine Spindle Speeds, Ranging from 70 to 1400 RPM

## Accessories

- 1 MT#3 Live Center
- 1/2" Chuck with MT#3 Arbor
- 10" Face Plate
- 2 MT#3 Dead Centers (1 Carbide Tipped)
- 6" 3-Jaw Chuck with 2 Sets of Jaws
- 8" 4-Jaw Chuck with Reversible Jaws
- Follow Rest with Roller Tips
- Quick Change Tool Post with One Tool Holder
- Set of Six Change Gears
- Steady Rest with Roller Tips
- Tool Box