

MACHINE SPECIFICATIONS



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MODEL M1112 12" X 36" GUNSMITH METAL 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.
Maximum Tool Bit Size.....	5/8 in.
Compound Travel.....	3-1/4 in.
Carriage Travel.....	29 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

- 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