

MACHINE SPECIFICATIONS



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MODEL M1099 10" X 26" BENCH METAL LATHE

Product Dimensions

Weight..... 330 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 50 x 32 x 16-5/8 in.
Footprint (Length x Width)..... 53-1/2 x 12-1/2 in.

Shipping Dimensions

Type..... Wood Crate
Content..... Machine
Weight..... 470 lbs.
Length x Width x Height..... 57 x 23 x 24 in.

Electrical

Power Requirement..... 110V, Single-Phase, 60 Hz
Prewired Voltage..... 110V
Full-Load Current Rating..... 13.6A
Minimum Circuit Size..... 20A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 5 ft.
Power Cord Gauge..... 14 AWG
Plug Included..... Yes
Included Plug Type..... 5-15
Switch Type..... Forward/Reverse & Button Switches

Motors

Main

Horsepower..... 1 HP
Phase..... Single-Phase
Amps..... 13.6A
Speed..... 1725 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer Cogged Belt Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... Internal

Main Specifications

Operation Info

Swing Over Bed.....	9.63 in.
Distance Between Centers.....	26 in.
Swing Over Cross Slide.....	6-1/8 in.
Swing Over Saddle.....	6-3/8 in.
Maximum Tool Bit Size.....	1/2 in.
Compound Travel.....	3-1/2 in.
Carriage Travel.....	22-1/2 in.
Cross Slide Travel.....	6-1/2 in.

Headstock Info

Spindle Bore.....	25 mm
Spindle Size.....	1-3/4 in.
Spindle Taper.....	MT#4
Spindle Threads.....	8 TPI
Number of Spindle Speeds.....	6
Spindle Speeds.....	150 - 2400 RPM
Spindle Type.....	Threaded
Spindle Bearings.....	Tapered Roller

Tailstock Info

Tailstock Quill Travel.....	2-1/2 in.
Tailstock Taper.....	MT#3
Tailstock Barrel Diameter.....	1.25 in.

Threading Info

Number of Longitudinal Feeds.....	9
Range of Longitudinal Feeds.....	0.0025 - 0.0140 in./rev.
Number of Inch Threads.....	33
Range of Inch Threads.....	8 - 72 TPI
Number of Metric Threads.....	26
Range of Metric Threads.....	0.25 - 3.50 mm

Dimensions

Bed Width.....	6-1/8 in.
Carriage Leadscrew Diameter.....	3/4 in.
Leadscrew TPI.....	12 TPI
Faceplate Size.....	12 in.

Construction

Base.....	Cast Iron
Headstock.....	Cast Iron
End Gears.....	Steel
Bed.....	Hardened and 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 No
Certified by a Nationally Recognized Testing Laboratory (NRTL) No

Features

Hardened and Ground V-Ways
Chip Tray Included
Back Splash
Full Featured Carriage and Apron Assemblies Provide Super Accurate Cuts and Finishes
Long Bed Accommodates 26 in. Between Cuts

Accessories

4-Way Tool Post
5" 3-Jaw Chuck with Two Sets of Jaws
6-1/2" 4-Jaw Chuck with Reversible Jaws
Face Plate
Follow Rest
MT#3 Dead Center
Steady Rest
Tool Box with Tool Kit