



MACHINE DATA SHEET

Customer Service #: (570) 546-9663 · To Order Call: (800) 523-4777 · Fax #: (800) 438-5901

MODEL G8688 7" X 12" MINI METAL LATHE

Product Dimensions:

Weight..... 75 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)..... 27-3/4 x 8-3/4 in.

Shipping Dimensions:

Type..... Cardboard
Content..... Machine
Weight..... 90 lbs.
Length x Width x Height..... 30 x 13 x 13 in.

Electrical:

Minimum Circuit Size..... 10 amp
Switch..... Forward/Reverse
Switch Voltage..... 110V
Cord Length..... 6 ft.
Cord Gauge..... 14 gauge
Plug Included..... Yes

Motors:

Main

Type..... Universal Brush
Horsepower..... 3/4 HP
Voltage..... 110V
Prewired..... 110V
Phase..... Single
Amps..... 3A
Speed..... Variable RPM
Cycle..... 60 Hz
Number of Speeds..... Variable
Power Transfer Belt Drive to Gear
Bearings..... Shielded and Permanently Lubricated

Main Specifications:

Operation Info

Swing Over Bed..... 7 in.
Distance Between Centers..... 12 in.
Swing Over Cross Slide..... 2-1/8 in.
Swing Over Saddle..... 5 in.
Swing Over Gap..... 7 in.
Maximum Tool Bit Size..... 5/16 in.
Compound Travel..... 2-3/4 in.
Carriage Travel..... 10-1/2 in.
Cross Slide Travel..... 2-3/4 in.

Headstock Info

Spindle Bore..... 20 mm
Spindle Size..... 3 in.
Spindle Taper..... MT#3
Number of Spindle Speeds..... Variable
Spindle Speeds..... Low:0-1100, High:0-2500 RPM
Spindle Type..... Intrinsic Back Plate
Spindle Bearings..... Ball Bearing

Tailstock Info

Tailstock Quill Travel..... 2-1/2 in.
Tailstock Taper..... MT#2
Tailstock Barrel Diameter..... 0.870 in.

Threading Info

Number of Longitudinal Feeds..... 1
Range of Longitudinal Feeds..... 0.04 in.
Number of Inch Threads..... 18
Range of Inch Threads..... 12 - 52 TPI
Number of Metric Threads..... 10
Range of Metric Threads..... 0.4 - 2.0 mm

Dimensions

Bed Width..... 3-1/4 in.
Leadscrew Diameter..... 5/8 in.
Leadscrew TPI..... 16
Leadscrew Length..... 17-3/4 in.
Follow Rest Capacity..... 1 in.
Faceplate Size..... 6-1/4 in.
Floor to Center Height..... 8-1/2 in.

Construction

Base..... Cast Iron
Headstock..... Cast Iron
Headstock Gears..... Plastic
Bed..... Cast Iron
Body..... Cast Iron
Paint..... Epoxy

Other

Kilowatt Output..... 0.559
Optional Stand..... G7313

Other Specifications:

Country Of Origin China
Warranty 1 Year
Serial Number Location Back Right End on Bed Way

Features:

- 16 TPI Reversible Leadscrew
- Chip Tray and Backsplash Guard
- Emergency Stop
- Forward and Reverse in all Speeds
- Inch/Metric Dials
- Threading Dial Indicator
- Variable Speed

Accessories Included:

3" Three Jaw Chuck with External Jaws
6-1/4" Face Plate
Complete Set of Change Gears
Four Position Turret Post
MT#2 Dead Center
Steady Rest
Wrenches