



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.
 Length/Width/Height..... 27-3/4 x 11-1/2 x 12 in.
 Foot Print (Length/Width)..... 27-3/4 x 8-3/4 in.

Shipping Dimensions:

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

Electrical:

Switch..... Forward/Reverse
 Switch Voltage..... 110V
 Cord Length..... 6 ft.
 Cord Gauge..... 14 gauge
 Minimum Circuit Size..... 10 amp
 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.
 Dist Between Centers..... 12 in.
 Swing Over Cross Slide..... 2-1/8 in.
 Swing Over Saddle..... 5 in.
 Swing Over Gap..... 7 in.
 Max 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
No Of Spindle Speeds..... Variable
Range Of Spindle Speeds..... Low:0-1100, High:0-2500 RPM
Spindle Type.....Intrinsic Back Plate
Spindle Bearings..... Ball Bearing

Tailstock Info

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

Threading Info

No Of Inch Threads..... 18
Range Of Inch Threads..... 12 - 52 TPI
Range Of Longitudinal Feeds.....0.04 in.
No Of Longitudinal Feeds..... 1
No Of Metric Threads..... 10
Range Of Metric Threads.....0.4 - 2.0 mm

Dimensions

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

Construction

Base Construction..... Cast Iron
Headstock Construction..... Cast Iron
Headstock Gears Construction.....Plastic
Bed Construction..... Cast Iron
Body Construction..... 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