



MACHINE DATA SHEET

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

MODEL G0492 12" X 36" METAL LATHE W/ MILLING HEAD

Product Dimensions:

Weight..... 1200 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 67-3/4 x 26-3/4 x 72 in.
Footprint (Length x Width)..... 59-1/4 x 16-1/2 in.

Shipping Dimensions:

Carton #1

Type..... Wood Crate
Content..... Machine
Weight..... 1066 lbs.
Length x Width x Height..... 69 x 30 x 46 in.
Must Ship Upright..... Yes

Carton #2

Type..... Cardboard Box
Content..... Left Stand
Weight..... 70 lbs.
Length x Width x Height..... 30 x 16 x 18 in.
Must Ship Upright..... No

Carton #3

Type..... Cardboard Box
Content..... Right Stand
Weight..... 64 lbs.
Length x Width x Height..... 30 x 16 x 18 in.
Must Ship Upright..... No

Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 7.5A
Minimum Circuit Size..... 20A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 4 ft.
Power Cord Gauge..... 14 AWG
Plug Included..... No
Switch Type..... Mill: Toggle On/Off, Lathe: Emergency Push Button

Motors:

Mill/Drill Spindle

Horsepower..... 3/4 HP
Phase..... Single-Phase
Amps..... 5.9A
Speed..... 1725 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer Gear Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... Internal

Lathe Spindle

Horsepower.....	1.5 HP
Phase.....	Single-Phase
Amps.....	7.5A
Speed.....	1725 RPM
Type.....	TEFC Capacitor-Start Induction
Power Transfer	V-Belt Drive
Bearings.....	Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type.....	Internal

Main Specifications:

Lathe Info

Swing Over Bed.....	12-1/2 in.
Distance Between Centers.....	36 in.
Swing Over Saddle.....	7-1/4 in.
Compound Travel.....	2-1/4 in.
Carriage Travel.....	27 in.
Cross Slide Travel.....	6-1/4 in.
Spindle Bore.....	1-1/2 in.
Spindle Taper.....	MT#5
Number Of Spindle Speeds.....	12
Spindle Speeds.....	75 – 1050 RPM
Spindle Type.....	Intrinsic Back Plate
Tailstock Quill Travel.....	3 in.
Tailstock Taper.....	MT#3
Tailstock Offset.....	1/2 in.
Number of Longitudinal Feeds.....	34
Range of Longitudinal Feeds.....	0.004 – 0.0412 in./rev.
Number of Inch Threads.....	28
Range of Inch Threads.....	5 – 48 TPI
Number of Metric Threads.....	21
Range of Metric Threads.....	0.45 – 6.0 mm

Mill Info

Mill Taper.....	R-8
Mill Spindle Travel.....	2-1/4 in.
Mill Swing.....	14-1/2 in.
Distance Spindle To Work Table.....	9 in.
Distance Spindle To Bed.....	11-1/2 in.
Distance Spindle To Center Line.....	5-1/2 in.
Mill Head Vertical Travel.....	8 in.
Drilling Capacity For Steel.....	1 in.
Drilling Capacity For Cast Iron.....	1 in.
Table Size Length.....	11 in.
Table Size Width.....	5 in.
Table Size Thickness.....	1-3/8 in.
Drawbar Diameter.....	7/16 in.
Drawbar Thread Pitch.....	20
Drawbar Length.....	9-1/2 in.
Number of Mill Drill Speeds.....	4
Mill Speed Range.....	240 – 2700 RPM

Construction

Bed.....	Hardened & Precision-Ground Cast Iron
Headstock.....	Cast Iron
Body.....	Cast Iron
Frame.....	Cast Iron
End Gears.....	Steel
Stand.....	Steel
Paint Type/Finish.....	Enamel

Other

Bed Width..... 6-1/2 in.
 Floor To Center Height..... 43-1/2 in.
 Carriage Leadscrew Diameter..... 1 in.
 Carriage Leadscrew TPI..... 5
 Carriage Leadscrew Length..... 42 in.
 Coolant System..... No
 Optional Stand..... Yes

Other Specifications:

Country of Origin China
 Warranty 1 Year
 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:

All Cast-Iron Construction
 Hardened and Ground V-Ways
 Extended Bed Length
 Headstock Tilts 90 deg. Left and Right
 Geared Milling Head
 Heavy-Duty Stand

Accessories Included:

4-Way Turret Tool Post
 6" 3-Jaw Chuck
 8" 4-Jaw Chuck
 8" Face Plate
 Drill Chuck with Arbor
 Follow Rest
 MT#3 Dead Center
 MT#4 Dead Center
 Quick Change Tool Post