



MACHINE DATA SHEET

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

MODEL G0494 16" X 60" 3-PHASE METAL LATHE

Product Dimensions:

Weight..... 5140 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 107 x 44 x 54 in.
Footprint (Length x Width)..... 104 x 23 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 5188 lbs.
Length x Width x Height..... 110 x 44 x 63 in.

Electrical:

Minimum Circuit Size..... 30 amp
Switch..... Jog and Emergency Stop Button
Switch Voltage..... 220V
Recommended Phase Converter..... G7979

Motors:

Spindle

Horsepower..... 5 - 7-1/2 HP
Voltage..... 220V
Prewired..... 220V
Phase..... Three
Number of Speeds..... 2

Coolant

Horsepower..... 1/8 HP
Phase..... Three

Main Specifications:

Operation Info

Swing Over Bed..... 16-1/8 in.
Distance Between Centers..... 59-5/8 in.
Swing Over Cross Slide..... 8-3/4 in.
Swing Over Saddle..... 11-1/4 in.
Swing Over Gap..... 25-3/16 in.
Maximum Tool Bit Size..... 3/4 in.
Compound Travel..... 5-1/16 in.
Carriage Travel..... 58 in.
Cross Slide Travel..... 11-7/16 in.

Headstock Info

Spindle Bore..... 2-5/16 in.
Spindle Taper..... MT#6
Number of Spindle Speeds..... 12
Spindle Speeds..... 25 - 2000 RPM
Spindle Type..... D1-6 Cam Lock
Spindle Bearings..... Tapered Roller
Spindle Length..... 25 in.
Spindle Length with 3-Jaw Chuck..... 31-1/2 in.
Spindle Length with 4-Jaw Chuck..... 32-3/8 in.

Tailstock Info

Tailstock Quill Travel..... 4-13/16 in.
Tailstock Taper..... MT#4
Tailstock Barrel Diameter..... 2.362 in.

Threading Info

Number of Longitudinal Feeds..... 42
Range of Longitudinal Feeds..... 0.0011 - 0.0633 in.
Number of Cross Feeds..... 42
Range of Cross Feeds..... 0.0033 - 0.01837 in./rev.
Number of Inch Threads..... 60
Range of Inch Threads..... 2 - 112 TPI
Number of Metric Threads..... 41
Range of Metric Threads..... 0.4 - 14 mm
Number of Modular Pitches..... 34
Range of Modular Pitches..... 0.1 - 7 MP
Number of Diametral Pitches..... 50
Range of Diametral Pitches..... 4 - 112 DP

Dimensions

Bed Width..... 11-3/4 in.
Leadscrew Diameter..... 1.380 in.
Leadscrew TPI..... 4
Leadscrew Length..... 78 in.
Steady Rest Capacity..... 5 in.
Follow Rest Capacity..... 2-1/4 in.
Faceplate Size..... 14 in.
Feed Rod Diameter..... 0.945 Hex in.
Floor to Center Height..... 45 in.
Height With Leveling Jacks..... 47-1/2 in.

Construction

Base..... Cast Iron
Headstock..... Cast Iron
Headstock Gears..... Steel
Bed..... Cast Iron
Paint..... Epoxy

Other Specifications:

Country Of Origin China
Warranty 1 Year
Serial Number Location ID Tag on Headstock
Customer Assembly & Setup Time 2 hrs.

Features:

Hardened and Precision Ground Meehanite Bed Casting
Universal Quick Change Gear Box for Inch, Metric Threads Plus Modular and Diametral Pitches
Hardened and Precision Ground Headstock, Quick Change and Apron Gears Run in an Oil Bath
Adjustable Apron Clutch
Halogen Work Light
Coolant System
One Shot Lube on Apron
4-Position Auto-Apron Stop
Full Length Splash Guard
Dual Inch/Metric Dials
Foot Brake
Auto Carriage Stop with Indexable Cams
Hex Shaft Feed Rod

Accessories Included:

#4 - #6 Morse Taper Sleeve
10" 3-Jaw Chuck
12-1/2" 4-Jaw Chuck
14" Face Plate
5pc Quick Change Tool Post
Centers
Follow Rest
Leveling Pads
Service Tools
Steady Rest
Tool Box