



# 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  
Assembly 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