



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

Shipping Dimensions:

Type..... Not Available
 Content..... Not Available
 Weight..... N/A
 Length/Width/Height..... N/A x N/A x N/A

Electrical:

Switch..... Jog and Emergency Stop Button
 Switch Voltage..... 220V
 Minimum Circuit Size..... 30 amp
 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.
 Dist 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.
 Max 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
 No Of Spindle Speeds..... 12
 Range Of 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 Travel.....	4-13/16 in.
Tailstock Taper.....	MT#4
Tailstock Barrel Diameter.....	2.362 in.

Threading Info

No Of Inch Threads.....	60
Range Of Inch Threads.....	2 - 112 TPI
Range Of Longitudinal Feeds.....	0.0011 - 0.0633 in.
No Of Longitudinal Feeds.....	42
No Of Cross Feeds.....	42
Range Of Cross Feeds.....	0.0033 - 0.01837 in./rev.
No Of Metric Threads.....	41
Range Of Metric Threads.....	0.4 - 14 mm
No Of Modular Threads.....	34
Range Of Modular Threads.....	0.1 - 7 MP
No Of Diametrical Threads.....	50
Range Of Diametrical Threads.....	4 - 112 DP

Dimensions

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

Construction

Base Construction.....	Cast Iron
Headstock Construction.....	Cast Iron
Headstock Gears Construction.....	Steel
Bed Construction.....	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