



# MACHINE DATA SHEET

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

## MODEL G0600 20" X 60" 3-PHASE BIG BORE METAL LATHE

### Product Dimensions:

Weight..... 5071 lbs.  
Length/Width/Height..... 110-3/4 x 45-1/4 x 51 in.  
Foot Print (Length/Width)..... 109-1/4 x 24-3/4 in.

### Shipping Dimensions:

Type..... Not Available  
Content..... Machine  
Weight..... 5758 lbs.  
Length/Width/Height..... 114 x 44 x 63 in.

### Electrical:

Switch..... Magnetic with Thermal Overload Protector  
Switch Voltage..... 220V  
Minimum Circuit Size..... 40 amp  
Plug Included..... No  
Phase Converter..... H3741

### Motors:

#### Spindle

Type..... TEFC Induction  
Horsepower..... 10 HP  
Voltage..... 220V  
Prewired..... 220V  
Phase..... Three  
Amps..... 28A  
Speed..... 1725 RPM  
Cycle..... 60 Hz  
Number Of Speeds..... 1  
Power Transfer ..... Belt and Gearbox  
Bearings..... Shielded and Lubricated

#### Coolant

Type..... TEFC Induction  
Horsepower..... 1/8 HP  
Voltage..... 220V  
Prewired..... 220V  
Phase..... Three  
Amps..... 0.6A  
Speed..... 3450 RPM  
Cycle..... 60 Hz  
Number Of Speeds..... 1  
Power Transfer ..... Direct Drive  
Bearings..... Shielded and Lubricated

**Main Specifications:**

**Operation Info**

Swing Over Bed.....	20 in.
Dist Between Centers.....	60 in.
Swing Over Cross Slide.....	12 in.
Swing Over Saddle.....	12 in.
Swing Over Gap.....	29 in.
Max Tool Bit Size.....	1 in.
Compound Travel.....	5 in.
Carriage Travel.....	56-11/16 in.
Cross Slide Travel.....	12-3/4 in.

**Headstock Info**

Spindle Bore.....	3-1/8 in.
Spindle Taper.....	MT#7
No Of Spindle Speeds.....	12
Range Of Spindle Speeds.....	25 - 1600 RPM
Spindle Type.....	D1-8 Camlock
Spindle Bearings.....	Tapered Roller
Spindle Length.....	29-1/4 in.
Spindle Length with 3-Jaw Chuck.....	25-3/4 in.
Spindle Length with 4-Jaw Chuck.....	24-7/8 in.

**Tailstock Info**

Tailstock Travel.....	7 in.
Tailstock Taper.....	MT#5
Tailstock Barrel Diameter.....	3 in.

**Threading Info**

No Of Inch Threads.....	60
Range Of Inch Threads.....	2 - 112 TPI
Range Of Longitudinal Feeds.....	0.0022 - 0.0612 in.
No Of Longitudinal Feeds.....	35
No Of Cross Feeds.....	35
Range Of Cross Feeds.....	0.00048 - 0.01354 in./rev.
No Of Metric Threads.....	47
Range Of Metric Threads.....	0.2 - 14 mm
No Of Modular Threads.....	39
Range Of Modular Threads.....	0.1 - 7 MP
No Of Diametrical Threads.....	50
Range Of Diametrical Threads.....	4 - 112 DP

**Dimensions**

Bed Width.....	13-3/4 in.
Leadscrew TPI.....	4
Leadscrew Length.....	84-7/8 in.
Steady Rest Capacity.....	3/4 - 6-1/2 in.
Follow Rest Capacity.....	5/8 - 3-3/4 in.
Faceplate Size.....	17-3/4 in.
Leadscrew Diameter.....	1-9/16 in.
Feed Rod Diameter.....	15/16 in.
Floor To Center Height.....	44-5/8 in.
Height With Leveling Jacks.....	53 in.

**Construction**

Base Construction.....	Cast Iron
Headstock Construction.....	Cast Iron
Headstock Gears Construction.....	Flame Hardened Cast Iron
Bed Construction.....	Hardened Ground Cast Iron
Body Construction.....	Cast Iron
Stand Construction.....	Cast Iron
Paint.....	Powder Coated

**Other Specifications:**

Country Of Origin .....	China
Warranty .....	1 Year
Serial Number Location .....	Machine ID Label
Assembly Time .....	1 hour

**Features:**

- Hardened and Precision Ground Meehanite Bed Casting
- Universal Quick Change Gear Box for Inch and 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
- One Piece Heavy Cast Iron Base
- Coolant System
- Halogen Lamp
- Foot Brake
- Thread Chasing Dial
- 4-Position Auto Apron Stop
- One Shot Lubrication on Apron
- Full Length Splash Guard
- Dual Inch/Metric Dials
- Rollers Inside Steady Rest
- Headstock Internal Oil Pump and Oil Director Distribution Pipes
- Spindle Balance Counterweight System
- Two Piece Chuck Jaws

**Accessories Included:**

- #5 - #7 Morse Taper Sleeve
- 12" 3-Jaw Chuck
- 14" 4-Jaw Chuck
- 17-3/4" Face Plate
- Centers
- Follow Rest
- Leveling Pads
- Quick Change Tool Post and Holder
- Service Tools
- Steady Rest
- Tool Box