



MACHINE DATA SHEET

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

MODEL G0554Z 14" X 40" GEAR-HEAD FLOOR LATHE

Product Dimensions:

Weight..... 2750 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 75 x 28 x 46 in.
Footprint (Length x Width)..... 74-1/2 x 19-1/4 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 2578 lbs.
Length x Width x Height..... 79 x 30 x 56 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 14A
Minimum Circuit Size..... 20A
Plug Included..... No
Switch Type..... Magnetic Switch w/Thermal Overload Protection

Motors:

Main

Horsepower..... 3 HP
Phase..... Single-Phase
Amps..... 14A
Speed..... 1725 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer Belt Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... External

Main Specifications:

Operation Info

Swing Over Bed..... 14 in.
Distance Between Centers..... 39-3/8 in.
Swing Over Cross Slide..... 8 in.
Swing Over Saddle..... 8-1/2 in.
Swing Over Gap..... 20 in.
Maximum Tool Bit Size..... 5/8 in.
Compound Travel..... 3-1/2 in.
Carriage Travel..... 37-1/4 in.
Cross Slide Travel..... 6-3/4 in.

Headstock Info

Spindle Bore..... 1.57 in.
Spindle Taper..... MT#5
Number of Spindle Speeds..... 12
Spindle Speeds..... 40 – 1800 RPM
Spindle Type..... D1-4 Camlock
Spindle Bearings..... Tapered Roller

Tailstock Info

Tailstock Quill Travel..... 4-3/4 in.
Tailstock Taper..... MT#3
Tailstock Barrel Diameter..... 1.781 in.

Threading Info

Number of Longitudinal Feeds..... 40
Range of Longitudinal Feeds..... 0.0012 – 0.0294 in./rev.
Number of Cross Feeds..... 40
Range of Cross Feeds..... 0.0004 – 0.0103 in./rev
Number of Inch Threads..... 40
Range of Inch Threads..... 4 – 112 TPI
Number of Metric Threads..... 23
Range of Metric Threads..... 0.45 – 7.50 mm

Dimensions

Bed Width..... 10 in.
Carriage Leadscrew Diameter..... 7/8 in.
Leadscrew TPI..... 8 TPI
Carriage Leadscrew Length..... 52-5/8 in.
Steady Rest Capacity..... 1/2 – 3-3/8 in.
Follow Rest Capacity..... 1/2 – 2-5/8 in.
Faceplate Size..... 12 in.
Feed Rod Diameter..... 3/4 in.
Floor to Center Height..... 41-3/4 in.

Construction

Base..... Cast Iron
Headstock..... Cast Iron
End Gears..... Flame Hardened Steel
Bed..... Induction-Hardened, Precision-Ground Cast Iron
Body..... Cast Iron
Stand..... Cast Iron
Paint Type/Finish..... Epoxy

Other Specifications:

Country of Origin China
Warranty 1 Year
Serial Number Location Left Side of Gearbox (Headstock Side), also Tailstock End Between Bed Ways
ISO 9001 Factory No
Certified by a Nationally Recognized Testing Laboratory (NRTL) No
Awards Production Technology News Editor's Choice 2004

Features:

- Coolant System
- Foot Brake
- Full Length Splash Guard
- Halogen Light
- Hardened and Ground Gears in Headstock
- Inch and Metric Dials
- Induction-Hardened Bedways
- Jog Button and Emergency Stop
- Micrometer Carriage Stop
- One-Piece Cast-Iron Stand
- Threading Dial

Accessories Included:

- 12 in. Face Plate
- 4-Way Turret Tool Post
- 6 in. 3-Jaw Chuck w/Two-Piece Jaws
- 8 in. 4-Jaw Chuck
- Follow Rest
- MT#3 Dead Center
- Steady Rest
- Center Sleeve