



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 57 in.

Electrical:

Minimum Circuit Size..... 20 Amp
Switch..... Magnetic Switch
Switch Voltage..... 220V
Plug Included..... No

Motors:

Main

Type..... TEFC Capacitor Start Induction
Horsepower..... 3 HP
Voltage..... 220V
Phase..... Single
Amps..... 14 A
Speed..... 1725 RPM
Cycle..... 60 Hz
Number of Speeds..... 1
Power Transfer Belt Drive to Gear
Bearings..... Shielded and Permanently Lubricated

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..... 1-1/2 in.
Spindle Taper..... MT#5
Number of Spindle Speeds..... 12
Spindle Speeds..... 40, 60, 85, 115, 160, 230, 325, 460, 650, 910, 1280, 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..... 1-25/32 in.

Threading Info

Number of Longitudinal Feeds..... 40
Range of Longitudinal Feeds..... 0.0012-0.0294 in.
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..... 0.45-7.5 mm

Dimensions

Bed Width..... 10 in.
Leadscrew Diameter..... 7/8 in.
Leadscrew TPI..... 8
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
Headstock Gears..... Flame Hardened Steel
Bed..... Induction Hardened Cast Iron
Body..... Cast Iron
Stand..... Cast Iron
Paint..... Epoxy

Other

Kilowatt Output..... 2.2

Other Specifications:

Country Of Origin China
Warranty 1 Year
Serial Number Location Leftside of Gearbox (Headstock Side), also Tailstock End Between Bed Ways
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