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.

The information contained herein is deemed accurate as of 4/17/2024 and represents our most recent product specifications. Due to our ongoing improvement efforts, this information may not accurately describe items previously purchased.

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