MACHINE DATA SHEET

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

MODEL G0752Z 10" X 22" VARIABLE-SPEED BENCHTOP METAL LATHE WITH DRO

Product Dimensions:

Weight	330 lbs.
Width (side-to-side) x Depth (front-to-back) x Height	50-1/2 x 22 x 20 in.
Footprint (Length x Width)	47-1/2 x 12-1/2 in.

Shipping Dimensions:

Type	Wood Crate
Content	Machine
Weight	453 lbs.
Length x Width x Height	50 x 23 x 22 in.
Must Ship Upright	Yes

Electrical:

Power Requirement	110V, Single-Phase, 60 Hz
Full-Load Current Rating	12A
Minimum Circuit Size	15A
Connection Type	Cord & Plug
Power Cord Included	Yes
Power Cord Length	5 ft.
Power Cord Gauge	16 AWG
Plug Included	Yes
Included Plug Type	5-15
Switch Type	Forward/Reverse & Button Switches w/Magnetic Switch Protection
Inverter (VFD) Type	Delta VFD-E

Motors:

Main

Horsepower	1 HP
Phase	3-Phase
Amps	12A
Speed	1725 RPM
Type	TEFC Induction
Power Transfer	Belt Drive
Bearings	Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type	N/A

Main Specifications:

Operation Info

Swing Over Bed	9-1/2 in.
Distance Between Centers	22 in.
Swing Over Cross Slide	6-1/8 in.
Swing Over Saddle	6-1/8 in.
Maximum Tool Bit Size	1/2 in.
Compound Travel	3-1/2 in.
Carriage Travel	18-1/2 in.
Cross Slide Travel	6-1/2 in.

Headstock Info

Spindle Bore	25 mm
Spindle Size	1-3/4 in.
Spindle Taper	MT#4
Spindle Threads	8 TPI
Number of Spindle Speeds	Variable
Spindle Speeds	100 – 2000 RPM
Spindle Type	Threaded
Spindle Bearings	Tapered Roller

Tailstock Info

Tailstock Quill Travel	2-1/2 in.
Tailstock Taper	MT#3
Tailstock Barrel Diameter	1-1/4 in.

Threading Info

Number of Longitudinal Feeds	9
Range of Longitudinal Feeds	0.0025 – 0.0140 in./rev.
Number of Inch Threads	31
Range of Inch Threads	8 – 72 TPI
Number of Metric Threads	26
Range of Metric Threads	0.25 – 3.50 mm

Dimensions

Bed Width	6-1/8 in.
Carriage Leadscrew Diameter	3/4 in.
Leadscrew TPI	12 TPI
Carriage Leadscrew Length	34 in.
Steady Rest Capacity	1/4 – 2 in.
Follow Rest Capacity	1/4 – 2 in.
Faceplate Size	8 in.

Construction

Base	Cast Iron
Headstock	Cast Iron
End Gears	Steel
Bed	Hardened and Precision-Ground Cast Iron
Body	Cast Iron
Paint Type/Finish	Epoxy

Other Specifications:

Country of Origin	China
Warranty	1 Year
Approximate Assembly & Setup Time	1 Hour
Serial Number Location	ID Label
ISO 9001 Factory	No
Certified by a Nationally Recognized Testing Laboratory (NRTL)	No

Features:

2-Axis DRO w/ 0.001" Resolution
Hardened and Ground V-Way Bed
Chip Tray and Backsplash Included
Electronic Variable Spindle-Speed Control w/Digital Tachometer
Oil-Bath Gearbox

Accessories Included:

5" 3-Jaw Universal Chuck w/2 Sets of Jaws
6-1/2" 4-Jaw Independent Chuck w/Reversible Jaws
Steady Rest
Follow Rest
8" Faceplate
4-Way Tool Post
MT#3 Dead Center
Tool Box w/Service Tools