MACHINE DATA SHEET

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

MODEL G0758Z 6" X 20" 3/4 HP MILL/DRILL WITH DRO

Product Dimensions:

Weight	161 lbs.
Width (side-to-side) x Depth (front-to-back) x Height	25-1/2 x 19-1/2 x 32-1/2 in.
Footprint (Length x Width)	11 x 9 in.
Space Required for Full Range of Movement (Width x Depth)	39 x 19-1/2 in.

Shipping Dimensions:

Type	Wood Crate
Content	Machine
Weight	204 lbs.
Length x Width x Height	24 x 22 x 32 in.
Must Ship Upright	Yes

Electrical:

Power Requirement	110V, Single-Phase, 60 Hz
Full-Load Current Rating	8A
Minimum Circuit Size	15A
Connection Type	Cord & Plug
Power Cord Included	Yes
Power Cord Length	6 ft.
Power Cord Gauge	16 AWG
Plug Included	Yes
Included Plug Type	5-15
Switch Type	ON/OFF Push Button Switch w/Safety Cover

Motors:

Main

Horsepower	600W (3/4 HP)
Phase	Single-Phase
Amps	10A
Speed	4500 RPM
Type	High-Torque, Low-Noise DC
Power Transfer	Gear Drive
Bearings	Sealed & Permanently Lubricated
Centrifugal Switch/Contacts Type	N/A

Main Specifications:

Operation Info

Spindle Travel	2 in.
Max Distance Spindle to Column	6-5/8 in.
Max Distance Spindle to Table	8-3/4 in.
Longitudinal Table Travel (X-Axis)	13-1/8 in.
Cross Table Travel (Y-Axis)	4-1/2 in.
Vertical Head Travel (Z-Axis)	8-1/4 in.
Head Tilt (Left/Right)	45 deg.
Drilling Capacity for Cast Iron	5/8 in.
Drilling Capacity for Steel	1/2 in.
End Milling Capacity	5/8 in.
Face Milling Capacity	2 in.

Table Info

Table Length	19-3/4 in.
Table Width	5-3/4 in.
Table Thickness	1-7/8 in.
Table Height (from Floor/Base)	6 in.
Number of T-Slots	3
T-Slot Size	3/8 in.
T-Slots Centers	1-1/2 in.
X/Y-Axis Travel per Handwheel Revolution	0.1 in.
Z-Axis Travel per Handwheel Revolution	0.1 in.

Spindle Info

Spindle Taper	R-8
Number of Vertical Spindle Speeds	Variable
Range of Vertical Spindle Speeds	50 – 2000 RPM
Quill Diameter	2.36 in.
Drawbar Thread Size	7/16-20
Drawbar Length	9-7/8 in.
Spindle Bearings	Tapered Roller Bearings

Construction

Spindle Housing/Quill	Cast Iron
Table	Cast Iron
Head	Cast Iron
Column/Base	Cast Iron
Paint Type/Finish	Enamel

Other

Optional Stand	Model T26612

Other Specifications:

Country of Origin	China
Warranty	1 Year
Approximate Assembly & Setup Time	30 Minutes
Serial Number Location	Machine ID Label
ISO 9001 Factory	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL)	No

Features:

Magnetic Mounted 3-Axis DRO w/ Resolution of 0.001"
Digital Spindle Speed RPM Display
Spindle Downfeed DRO
Dovetail Column and Table Ways for Maximum Precision
High-Torque, Low-Noise DC Motor
3-Axis Precision Handwheels w/0.002 in. Graduations
Coarse and Fine Spindle Downfeed
High/Low Range Gearbox (50 – 1000 RPM & 100 – 2000 RPM)
Zero-Setting Dials on Handwheels

Accessories Included:

Drill Chuck 1/8" – 5/8" (3-16mm) with Arbor
Toolbox w/Service Tools