



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
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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