



MACHINE DATA SHEET

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

MODEL G0795Z 8" X 28" 2 HP HD BENCHTOP MILL/DRILL WITH VARIABLE-SPEED

Product Dimensions:

Weight..... 408 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 45 x 31 x 47 in.
Footprint (Length x Width)..... 21-1/2 x 14 in.
Space Required for Full Range of Movement (Width x Depth)..... 54 x 16-1/2 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 496 lbs.
Length x Width x Height..... 30 x 29 x 43 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz
Full-Load Current Rating..... 7.3A
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..... 6-15
Switch Type..... Control Panel w/Magnetic Switch Protection

Motors:

Main

Horsepower..... 1500W (2 HP)
Phase..... Single-Phase
Amps..... 7.3A
Speed..... 3500 RPM
Type..... BLDC
Power Transfer Gear Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... N/A

Main Specifications:

Operation Info

Spindle Travel.....	3 in.
Max Distance Spindle to Column.....	7 in.
Max Distance Spindle to Table.....	18-1/4 in.
Longitudinal Table Travel (X-Axis).....	14-7/8 in.
Longitudinal Leadscrew (X-Axis).....	27-1/2 in.
Cross Table Travel (Y-Axis).....	9-1/4 in.
Cross Leadscrew (Y-Axis).....	14-3/4 in.
Vertical Leadscrew (Z-Axis).....	17-3/16 in.
Vertical Head Travel (Z-Axis).....	15 in.
Head Tilt (Left/Right).....	45 deg.
Drilling Capacity for Cast Iron.....	1-1/4 in.
Drilling Capacity for Steel.....	1-3/16 in.
Tapping Speed.....	115 RPM
End Milling Capacity.....	5/8 in.
Face Milling Capacity.....	2-1/2 in.

Table Info

Table Length.....	27-1/2 in.
Table Width.....	7-1/2 in.
Table Thickness.....	1-9/16 in.
Table Height (from Floor/Base).....	8-3/8 in.
Number of T-Slots.....	3
T-Slot Size.....	7/16 in.
T-Slots Centers.....	2-1/2 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 – 2300 RPM
Quill Diameter.....	3-1/2 in.
Drawbar Thread Size.....	7/16-20
Drawbar Length.....	12-3/16 in.
Spindle Bearings.....	Tapered Roller Bearing

Construction

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

Other Specifications:

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

Features:

- Variable-Speed Spindle Control from 50–2300 RPM
- High-Efficiency, BLDC (Brushless DC) Motor
- Swing-Arm-Mounted Control Panel
- Cast-Iron Construction
- Precision-Ground Dovetail Ways and Column
- Coolant Trough Built into Table
- Coarse/Fine Spindle Downfeed with Depth Stop
- Digital Spindle Speed RPM Display
- Rubber Chip Guards over All Ways
- Reversible Spindle

Accessories Included:

- Toolbox
- Metric Hex Key Set
- Bottle for Lubrication Maintenance
- Open-End Wrench 17/19mm
- Two T-Slot Bolts with Nuts
- 1/8"–5/8" (3–16mm) Drill Chuck and Arbor
- Flat-head and Phillips Head Screwdrivers