



MACHINE DATA SHEET

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

MODEL G0795 8" X 28" 1 HP HD BENCHTOP MILL/DRILL

Product Dimensions:

Weight..... 408 lbs.
 Width (side-to-side) x Depth (front-to-back) x Height..... 39 x 30-1/2 x 49-1/2 in.
 Footprint (Length x Width)..... 22 x 14 in.
 Space Required for Full Range of Movement (Width x Depth)..... 52-1/2 x 27-1/2 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
 Prewired Voltage..... 220V
 Full-Load Current Rating..... 6.8A
 Minimum Circuit Size..... 15A
 Connection Type..... Cord & Plug
 Power Cord Included..... Yes
 Power Cord Length..... 6 ft.
 Power Cord Gauge..... 18 AWG
 Plug Included..... No
 Recommended Plug Type..... 6-15
 Switch Type..... Control Panel w/Magnetic Switch Protection

Motors:

Main

Horsepower..... 1 HP
 Phase..... Single-Phase
 Amps..... 6.8A
 Speed..... 1700 RPM
 Type..... TEFC Capacitor-Start Induction
 Power Transfer Gear Drive
 Bearings..... Shielded & Permanently Lubricated
 Centrifugal Switch/Contacts Type..... Internal

Main Specifications:

Operation Info

Spindle Travel.....	3 in.
Max Distance Spindle to Column.....	7-1/2 in.
Max Distance Spindle to Table.....	16-1/8 in.
Longitudinal Table Travel (X-Axis).....	14-3/16 in.
Longitudinal Leadscrew (X-Axis).....	27-1/2 in.
Cross Table Travel (Y-Axis).....	7-1/2 in.
Cross Leadscrew (Y-Axis).....	14-3/4 in.
Vertical Leadscrew (Z-Axis).....	17-3/16 in.
Vertical Head Travel (Z-Axis).....	13-3/4 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.
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.....	6
Range of Vertical Spindle Speeds.....	115 – 1700 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
Serial Number Location	ID Label
ISO 9001 Factory	Yes

Features:

- 6-Speed gearbox
- Drill/tap function
- Cast-iron construction
- Precision-ground dovetail ways and column
- Coolant trough built into table
- Coarse/fine spindle downfeed w/stops

Accessories Included:

- Toolbox
- Metric hex key set
- Bottle for oil
- Open-end wrench 17/19mm
- Two T-slot bolts w/nuts
- 3–16mm JT33 drill chuck and arbor
- Flathead and Phillips head screwdriver

Accessories Recommended:

- T26485 58 pc. Clamping Kit for 7/16" T-Slots