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

The information contained herein is deemed accurate as of 4/18/2024 and represents our most recent product specifications. Due to our ongoing improvement efforts, this information may not accurately describe items previously purchased.

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