



MACHINE DATA SHEET

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

MODEL G0728 VERTICAL MILL

Product Dimensions:

Weight..... 660 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 45-3/4 x 49-3/4 x 68 in.
Footprint (Length x Width)..... 27-1/2 x 21 in.
Space Required for Full Range of Movement (Width x Depth)..... 68 x 48 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 746 lbs.
Length x Width x Height..... 40 x 45 x 77 in.

Electrical:

Power Requirement..... 110V or 220V, Single-Phase, 60 Hz
Prewired Voltage..... 110V
Full-Load Current Rating..... 18A at 110V, 9A at 220V
Minimum Circuit Size..... 20A at 110V, 15A at 220V
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 6 ft.
Power Cord Gauge..... 18 AWG
Plug Included..... Yes
Included Plug Type..... 5-15 for 110V
Recommended Plug Type..... 6-15 for 220V
Switch Type..... Forward/Reverse Switch

Motors:

Main

Horsepower..... 1.5 HP
Phase..... Single-Phase
Amps..... 18A/9A
Speed..... 1725 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer V-Belt Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... External

Main Specifications:

Operation Info

Spindle Travel.....	3 in.
Max Distance Spindle to Column.....	6-1/2 in.
Max Distance Spindle to Table.....	12-1/4 in.
Longitudinal Table Travel (X-Axis).....	15-5/8 in.
Cross Table Travel (Y-Axis).....	6 in.
Vertical Table Travel (Z-Axis).....	13-1/2 in.
Turret or Column Swivel (Left/Right).....	360 deg.
Head Tilt (Left/Right).....	45 deg.
Drilling Capacity for Cast Iron.....	1 in.
Drilling Capacity for Steel.....	3/4 in.
End Milling Capacity.....	3/4 in.
Face Milling Capacity.....	3 in.

Table Info

Table Length.....	26 in.
Table Width.....	6-1/8 in.
Table Thickness.....	1-3/4 in.
Number of T-Slots.....	3
T-Slot Size.....	9/16 in.
T-Slots Centers.....	1-11/16 in.
Number of Longitudinal Feeds.....	Variable
X-Axis Table Power Feed Rate.....	0 – 11.67 FPM
X/Y-Axis Travel per Handwheel Revolution.....	0.125 in.
Z-Axis Travel per Handwheel Revolution.....	0.062 in.

Spindle Info

Spindle Taper.....	R-8
Number of Vertical Spindle Speeds.....	9
Range of Vertical Spindle Speeds.....	230 – 2520 RPM
Quill Diameter.....	2.950 in.
Drawbar Thread Size.....	7/16-20
Drawbar Length.....	12 in.
Spindle Bearings.....	Angular Contact Bearings

Construction

Spindle Housing/Quill.....	Chrome-Plated Cast Iron
Table.....	Precision-Ground Cast Iron
Head.....	Cast Iron
Column/Base.....	Cast Iron
Base.....	Cast Iron
Stand.....	Steel
Paint Type/Finish.....	Enamel

Other Specifications:

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