



MACHINE DATA SHEET

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

MODEL G0678 8" X 30" 1-1/2 HP VARIABLE-SPEED VERTICAL MILL

Product Dimensions:

Weight..... 991 lbs.
 Width (side-to-side) x Depth (front-to-back) x Height..... 40-1/2 x 42-3/4 x 67 in.
 Footprint (Length x Width)..... 19 x 26 in.
 Space Required for Full Range of Movement (Width x Depth)..... 68 x 45 in.

Shipping Dimensions:

Type..... Wood Crate
 Content..... Machine
 Weight..... 966 lbs.
 Length x Width x Height..... 45 x 45 x 76 in.
 Must Ship Upright..... Yes

Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz
 Full-Load Current Rating..... 5A
 Minimum Circuit Size..... 15A
 Connection Type..... Cord & Plug
 Power Cord Included..... No
 Recommended Power Cord..... "S"-Type, 3-Wire, 16 AWG, 300 VAC
 Plug Included..... No
 Recommended Plug Type..... 6-15
 Switch Type..... Control Panel w/Magnetic Switch Protection
 Inverter (VFD) Type..... Rhymebus RM6S2
 Inverter (VFD) Size..... 1 HP

Motors:

Main

Horsepower..... 1.5 HP
 Phase..... 3-Phase
 Amps..... 3.3A
 Speed..... 1725 RPM
 Type..... TEFC Induction
 Power Transfer Belt
 Bearings..... Shielded & Permanently Lubricated

Main Specifications:

Operation Info

Spindle Travel.....	3-1/2 in.
Max Distance Spindle to Column.....	7 in.
Max Distance Spindle to Table.....	20 in.
Longitudinal Table Travel (X-Axis).....	18 in.
Cross Table Travel (Y-Axis).....	7-1/2 in.
Vertical Table Travel (Z-Axis).....	17-3/4 in.
Turret or Column Swivel (Left /Right).....	360 deg.
Head Tilt (Left/Right).....	90 deg.
Drilling Capacity for Cast Iron.....	1 in.
Drilling Capacity for Steel.....	3/4 in.
End Milling Capacity.....	1 in.
Face Milling Capacity.....	3 in.

Table Info

Table Length.....	30 in.
Table Width.....	8 in.
Table Thickness.....	2 in.
Number of T-Slots.....	3
T-Slot Size.....	1/2 in.
T-Slots Centers.....	2-3/16 in.

Spindle Info

Spindle Taper.....	R-8
Number of Vertical Spindle Speeds.....	Variable
Range of Vertical Spindle Speeds.....	200 – 2250 RPM
Drawbar Thread Size.....	7/16-20
Drawbar Length.....	12-3/8 in.
Spindle Bearings.....	Angular Contact Bearings

Construction

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

Other Specifications:

Country of Origin	Taiwan
Warranty	1 Year
Approximate Assembly & Setup Time	1 Hour
Serial Number Location	Machine ID Label

Features:

- One-Shot Lubrication
- High-Precision Ball Bearings
- Bronze Nut on Longitudinal & Cross Feed Leadscrews
- Variable Frequency Drive Speed Control
- Hardened and Precision-Ground Leadscrews
- Runs on Single-Phase Power Using a 3-Phase Inverter
- Work Light