



MACHINE DATA SHEET

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

MODEL G0678 8" X 30" 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.

Shipping Dimensions:

Type..... Machine
Content..... Wood Crate
Weight..... 996 lbs.
Length x Width x Height..... 44 x 44 x 76 in.

Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz
Minimum Circuit Size..... 15A
Inverter Type..... Yasakawa RM5G-2001
Inverter Size..... 1 HP
Switch..... ON/OFF Magnetic
Switch Voltage..... 220V, Single-Phase
Recommended Plug/Outlet Type..... NEMA 6-15

Motors:

Spindle Motor

Type..... Aluminum Cast TEFC Induction
Horsepower..... 1-1/2 HP
Voltage..... 220V
Phase..... Three
Amps..... 3.3A
Speed..... 1725 RPM
Cycle..... 60 Hz
Power Transfer V-Belt Drive
Bearings..... Shielded & Lubricated

Main Specifications:

Operation Info

Spindle Travel..... 3-1/2 in.
Longitudinal Table Travel..... 18 in.
Cross Table Travel..... 7-3/4 in.
Vertical Table Travel..... 17-3/4 in.
Ram Swivel Angle..... 360 deg.
Head Tilt (Left-to-Right)..... 90 Left, 90 Right deg.
Maximum Distance Spindle to Column..... 7 in.
Maximum Distance Spindle to Table..... 20 in.
Drilling Capacity for Cast Iron..... 1 in.
Drilling Capacity for Steel..... 3/4 in.
Number of Vertical Spindle Speeds..... Variable
Range of Vertical Spindle Speeds..... 200-2250 RPM

Table Info

Table Length.....	30 in.
Table Width.....	8 in.
Table Thickness.....	2 in.
Number of T-Slots.....	3
T-Slots Width.....	1/2 in.
T-Slots Height.....	7/8 in.
T-Slots Centers.....	2-3/16 in.
Stud Size.....	3/8 in.

Spindle Info

Spindle Taper.....	R-8
End Milling Capacity.....	1 in.
Face Milling Capacity.....	3 in.
Drawbar Diameter.....	7/16 in.
Drawbar TPI.....	20 TPI
Drawbar Length.....	12-3/8 in.
Spindle Bearings.....	Angular Contact

Construction

Table.....	Hardened & Precision Ground Cast Iron
Head.....	Cast Iron
Column.....	Cast Iron
Base.....	Cast Iron
Paint.....	Urethane

Other Specifications:

Country Of Origin	Taiwan
Warranty	1 Year
Serial Number Location	Machine ID Label on Side
Assembly Time	1 Hour

Features:

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