



MACHINE DATA SHEET

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

MODEL G9903 9" X 49" VERTICAL MILL W/ POWER FEED, 3-PHASE VS

Product Dimensions:

Weight..... 2400 lbs.
 Width (side-to-side) x Depth (front-to-back) x Height..... 66 x 67 x 85 in.
 Footprint (Length x Width)..... 36 x 24 in.
 Space Required for Full Range of Movement (Width x Depth)..... 61 x 66-1/2 in.

Shipping Dimensions:

Type..... Wood Crate
 Content..... Machine
 Weight..... 2468 lbs.
 Length x Width x Height..... 55 x 50 x 78 in.
 Must Ship Upright..... Yes

Electrical:

Power Requirement..... 220V or 440V, 3-Phase, 60 Hz
 Prewired Voltage..... 220V
 Full-Load Current Rating..... 6.2A at 220V, 3.1A at 440V
 Minimum Circuit Size..... 15A at 220V, 15A at 440V
 Connection Type..... Cord at 220V, Perman
 Power Cord Included..... Yes
 Power Cord Length..... 6 ft.
 Power Cord Gauge..... 14 AWG
 Plug Included..... No
 Recommended Plug Type..... 15-15 for 220V
 Switch Type..... Forward/Reverse Switch
 Recommended Phase Converter..... G5841

Motors:

Main

Horsepower..... 2 HP
 Phase..... 3-Phase
 Amps..... 6.2A/3.1A
 Speed..... 1725 RPM
 Type..... TEFC Induction
 Power Transfer Belt Drive w/Variable-Speed Pulley
 Bearings..... Shielded & Permanently Lubricated
 Centrifugal Switch/Contacts Type..... N/A

Main Specifications:

Operation Info

Spindle Travel.....	5 in.
Max Distance Spindle to Column.....	20 in.
Max Distance Spindle to Table.....	18 in.
Longitudinal Table Travel (X-Axis).....	27 in.
Cross Table Travel (Y-Axis).....	12-1/2 in.
Vertical Table Travel (Z-Axis).....	16 in.
Vertical Head Travel (Z-Axis).....	5 in.
Ram Travel.....	12 in.
Turret or Column Swivel (Left/Right).....	360 deg.
Head Tilt (Left/Right).....	90 deg.
Head Tilt (Front/Back).....	45 deg.
Drilling Capacity for Cast Iron.....	1-1/4 in.
Drilling Capacity for Steel.....	1 in.
End Milling Capacity.....	1 in.
Face Milling Capacity.....	3 in.

Table Info

Table Length.....	49 in.
Table Width.....	9 in.
Table Thickness.....	2-3/4 in.
Number of T-Slots.....	3
T-Slot Size.....	5/8 in.
T-Slots Centers.....	2-1/2 in.
Number of Longitudinal Feeds.....	Variable
X-Axis Table Power Feed Rate.....	0 – 11.67 FPM
X/Y-Axis Travel per Handwheel Revolution.....	0.200 in.
Z-Axis Travel per Handwheel Revolution.....	0.100 in.

Spindle Info

Spindle Taper.....	R-8
Number of Vertical Spindle Speeds.....	Variable
Range of Vertical Spindle Speeds.....	70 – 4200 RPM
Quill Diameter.....	3-3/8 in.
Quill Feed Rates.....	0.0019, 0.0035, 0.0058 in./rev.
Drawbar Thread Size.....	7/16-20
Drawbar Length.....	18 in.
Spindle Bearings.....	Ball Bearings

Construction

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

Other Specifications:

Country of Origin	China
Warranty	1 Year
Approximate Assembly & Setup Time	1-1/2 Hours
Serial Number Location	ID Label on Front of Knee
ISO 9001 Factory	No
Certified by a Nationally Recognized Testing Laboratory (NRTL)	No

Features:

- One Shot Pump Lubrication
- Auto Down Feed
- Auto Stop with Micro Adjustable Stop
- Longitudinal Power Feed
- Hardened and Ground Table Surface
- Chrome-Plated Precision-Ground Quill
- Adjustable Micrometer Quill Depth Stop