



MACHINE DATA SHEET

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

MODEL G9905 10" X 54" VERTICAL MILL W/ POWER FEED - VS

Product Dimensions:

Weight..... 3590 lbs.
 Width (side-to-side) x Depth (front-to-back) x Height..... 75-1/2 x 71-1/2 x 86 in.
 Footprint (Length x Width)..... 42 x 24-3/4 in.
 Space Required for Full Range of Movement (Width x Depth)..... 104 x 77 in.

Shipping Dimensions:

Type..... Wood Crate
 Content..... Machine
 Weight..... 3677 lbs.
 Length x Width x Height..... 61 x 63 x 76 in.
 Must Ship Upright..... Yes

Electrical:

Power Requirement..... 220V, 3-Phase, 60 Hz
 Prewired Voltage..... 220V
 Full-Load Current Rating..... 9A
 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..... 15-15
 Switch Type..... Forward/Reverse Switch
 Recommended Phase Converter..... G5842

Motors:

Main

Horsepower..... 3 HP
 Phase..... 3-Phase
 Amps..... 9A
 Speed..... 1720 RPM
 Type..... TEFC Induction
 Power Transfer V-Belt Drive
 Bearings..... Shielded & Permanently Lubricated
 Centrifugal Switch/Contacts Type..... N/A

Main Specifications:

Operation Info

Spindle Travel.....	5 in.
Max Distance Spindle to Column.....	24-1/2 in.
Max Distance Spindle to Table.....	17 in.
Longitudinal Table Travel (X-Axis).....	33-3/4 in.
Cross Table Travel (Y-Axis).....	15-1/2 in.
Vertical Table Travel (Z-Axis).....	16-3/4 in.
Vertical Head Travel (Z-Axis).....	5 in.
Ram Travel.....	19 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.....	54 in.
Table Width.....	10 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.....	80 – 4250 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.....	20-1/2 in.
Spindle Bearings.....	Angular Contact 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