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

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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

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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

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