



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.

Shipping Dimensions:

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

Electrical:

Minimum Circuit Size..... 15 Amp
Switch..... Forward/Reverse
Switch Voltage..... 220V
Cord Length..... 6 ft.
Cord Gauge..... 18 gauge
Plug Included..... No
Recommended Phase Converter..... G5842

Motors:

Main

Type..... TEFC Induction
Horsepower..... 3 HP
Voltage..... 220V
Prewired..... 220V
Phase..... Three
Amps..... 9A
Speed..... 1725/3450 RPM
Cycle..... 60 Hz
Number of Speeds..... 1
Power Transfer V-Belt Drive
Bearings..... Shielded, Permanently Lubricated

Main Specifications:

Operation Info

Spindle Travel.....	5 in.
Swing.....	52 in.
Longitudinal Table Travel.....	33-3/4 in.
Cross Table Travel.....	15-1/2 in.
Knee Travel.....	16-3/4 in.
Ram Travel.....	19 in.
Head Travel.....	5 in.
Head Swivel (Left-to-Right).....	90 deg.
Head Swivel (Front-to-Back).....	45 deg.
Turret or Column Swivel (Left and Right).....	360 deg.
Maximum Distance Spindle to Column.....	24-1/2 in.
Maximum Distance Spindle to Table.....	17 in.
Drilling Capacity for Cast Iron.....	1-1/4 in.
Drilling Capacity for Steel.....	1 in.
Number of Vertical Spindle Speeds.....	Variable
Range of Vertical Spindle Speeds.....	80 — 4250 RPM
Number of Longitudinal Feeds.....	Variable
Feed Rate.....	0 — 140 FPM
Quill Diameter.....	3-3/8 in.
Quill Feed Rates.....	0.0019, 0.0035, 0.0058 in./rev.

Table Info

Table Length.....	54 in.
Table Width.....	10 in.
Table Thickness.....	2-3/4 in.
Number of T-Slots.....	3
T-Slots Width.....	5/8 in.
T-Slots Height.....	7/8 in.
T-Slots Centers.....	2-1/2 in.
Stud Size.....	1/2 in.

Spindle Info

Spindle Taper.....	R-8
Spindle Size.....	5/8 in.
End Milling Capacity.....	1 in.
Face Milling Capacity.....	3 in.
Drawbar Diameter.....	7/16 in.
Drawbar TPI.....	20
Drawbar Length.....	20-1/2 in.
Spindle Bearings.....	Angular Contact

Lead Screw Info

Leadscrew Diameter.....	1-1/4 in.
Leadscrew TPI.....	5
Leadscrew Length.....	61 in.

Construction

Spindle Housing/Quill.....	Cast Iron
Table.....	Ground Cast Iron
Head.....	Cast Iron
Column.....	Cast Iron
Base.....	Cast Iron
Paint.....	Epoxy

Other

Collar Graduations.....	0.001 in.
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Other Specifications:

Country Of Origin China
Warranty 1 Year
Serial Number Location Front of Knee
Assembly Time 1-1/2 hours

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