



MACHINE DATA SHEET

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

MODEL G9902 9" X 49" VERTICAL MILL W/ POWER FEED & SINGLE-PHASE

Product Dimensions:

Weight..... 2340 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.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 2405 lbs.
Length x Width x Height..... 55 x 50 x 78 in.

Electrical:

Power Requirement..... 110V/220V, Single-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 26A at 110V, 13A at 220V
Minimum Circuit Size..... 30A at 110V, 15A at 220V
Switch..... Forward/Reverse
Switch Voltage..... 220V
Cord Length..... 6 ft.
Cord Gauge..... 14 gauge
Plug Included..... No
Recommended Plug/Outlet Type..... NEMA L5-30 for 110V, NEMA 6-15 for 220V

Motors:

Main

Type..... TEFC Capacitor Start Induction
Horsepower..... 2 HP
Voltage..... 110/220V
Prewired..... 220V
Phase..... Single
Amps..... 26/13A
Speed..... 1725 RPM
Cycle..... 60 Hz
Number of Speeds..... 1
Power Transfer Belt Drive
Bearings..... Shielded, Permanently Lubricated

Main Specifications:

Operation Info

Spindle Travel.....	5 in.
Swing.....	40 in.
Longitudinal Table Travel.....	30-3/4 in.
Cross Table Travel.....	12-1/2 in.
Knee Travel.....	16 in.
Ram Travel.....	12 in.
Head Travel.....	5 in.
Head Tilt (Left-to-Right).....	90 deg.
Head Tilt (Front-to-Back).....	45 deg.
Turret or Column Swivel (Left and Right).....	360 deg.
Maximum Distance Spindle to Column.....	20 in.
Maximum Distance Spindle to Table.....	18 in.
Drilling Capacity for Cast Iron.....	1-1/4 in.
Drilling Capacity for Steel.....	1 in.
Number of Vertical Spindle Speeds.....	8
Range of Vertical Spindle Speeds.....	78, 98, 197, 278, 670, 850, 1700, 2400 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.....	49 in.
Table Width.....	9 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.....	18 in.
Spindle Bearings.....	Radial Ball

Lead Screw Info

Leadscrew Diameter.....	1-1/4 in.
Leadscrew TPI.....	5
Leadscrew Length.....	55 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