



MACHINE DATA SHEET

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

MODEL G9901 9" X 42" VERTICAL MILL W/ POWER FEED

Product Dimensions:

Weight..... 2325 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 66 x 59 x 85 in.
Footprint (Length x Width)..... 36 x 24 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 2379 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..... 19A at 110V, 9.5A 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..... 19/9.5A
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.....	25-7/8 in.
Cross Table Travel.....	12-1/2 in.
Knee Travel.....	16 in.
Ram Travel.....	12 in.
Ram Swivel Angle.....	360 deg.
Head Travel.....	5 in.
Head Tilt (Left-to-Right).....	Left and Right 90 deg.
Head Tilt (Front-to-Back).....	Left and Right 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.....	1-1/2 in.
Drilling Capacity for Steel.....	1-1/4 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 RPM
Quill Diameter.....	3-3/8 in.
Quill Feed Rates.....	0.0019, 0.0035, 0.0058 in.

Table Info

Table Length.....	42 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.....	7/8 in.
Face Milling Capacity.....	3 in.
Drawbar Diameter.....	7/16 in.
Drawbar TPI.....	20
Drawbar Length.....	18 in.
Spindle Bearings.....	Angular Contact

Lead Screw Info

Leadscrew Diameter.....	1-1/4 in.
Leadscrew TPI.....	5
Leadscrew Length.....	49 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 2-1/2 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