



MACHINE DATA SHEET

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

MODEL G9904 10" X 54" VERTICAL MILL W/ POWER FEED - BELT DRIVE HEAD

Product Dimensions:

Weight..... 3580 lbs.
Length/Width/Height..... 75-1/2 x 71-1/2 x 86 in.
Foot Print (Length/Width)..... 42 x 24-3/4 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 3687 lbs.
Length/Width/Height..... 61 x 62 x 77 in.

Electrical:

Switch..... Forward/Reverse
Switch Voltage..... 220V
Cord Length..... 6 ft.
Cord Gauge..... 14 gauge
Minimum Circuit Size..... 15 amp
Plug Included..... No
Phase Converter..... G5842

Motors:

Main

Type..... TEFC Induction
Horsepower..... 3 HP
Voltage..... 220V
Prewired..... 220V
Phase..... Three
Amps..... 8.3/9.7A
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.
Vert. Table Travel.....	14 in.
Knee Travel.....	16-3/4 in.
Ram Travel.....	19 in.
Ram Swivel Angle.....	360 deg.
Head Travel.....	5 in.
Head Swivel.....	Left and Right 90 deg.
Head Tilt.....	Left and Right 45 deg.
Turret Or Column Swivel.....	360 deg.
Max. Dist Spindle To Column.....	24-1/2 in.
Max. Dist Spindle To Table.....	17 in.
Drilling Cap For Cast Iron.....	1-1/4 in.
Drilling Cap For Steel.....	1 in.
No. Of Vert. Spindle Speeds.....	14
Range Of Vert. Spindle Speeds.....	78, 98, 155, 197, 278, 394, 555, 670, 850, 1340, 1700, 2400, 3400, 4800 RPM
No. Of Longitudinal Feeds.....	Variable
Feed Rate.....	0 - 140 RPM
Quill Dia.....	3-3/8 in.
Quill Feed Rates.....	0.0019, 0.0035, 0.0058 in.

Table Info

Table Length.....	54 in.
Table Width.....	10 in.
Table Thickness.....	2-3/4 in.
No. 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 Cap.....	1 in.
Face Milling Cap.....	3 in.
Draw Bar Diameter.....	7/16 in.
Draw Bar TPI.....	20
Draw Bar Length.....	20-1/2 in.
Spindle Bearings.....	Radial Ball

Lead Screw Info

Lead Screw Diameter.....	1-1/4 in.
Lead Screw TPI.....	5
Lead Screw Length.....	61 in.

Construction

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

Other

Collars Calibrated.....	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