



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.
Length/Width/Height..... 66 x 67 x 85 in.
Foot Print (Length/Width)..... 36 x 24 in.

Shipping Dimensions:

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

Electrical:

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

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..... | 27 in. |
| Cross Table Travel..... | 12-1/2 in. |
| Vert. Table Travel..... | 13-1/2 in. |
| Knee Travel..... | 16 in. |
| Ram Travel..... | 12 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..... | 18 in. |
| Max. Dist Spindle To Table..... | 20 in. |
| Drilling Cap For Cast Iron..... | 1-1/4 in. |
| Drilling Cap For Steel..... | 1 in. |
| No. Of Vert. Spindle Speeds..... | 8 |
| Range Of Vert. Spindle Speeds..... | 78, 98, 197, 278, 670, 850, 1700, 2400 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..... | 49 in. |
| Table Width..... | 9 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..... | 18 in. |
| Spindle Bearings..... | Radial Ball |

Lead Screw Info

| | |
|--------------------------|-----------|
| Lead Screw Diameter..... | 1-1/4 in. |
| Lead Screw TPI..... | 5 |
| Lead Screw Length..... | 55 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. |
|-------------------------|-----------|

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