



MACHINE DATA SHEET

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

MODEL G3616 VERTICAL MILL

Product Dimensions:

Weight..... 1322 lbs.
Length/Width/Height..... 41-15/16 x 41-3/4 x 80-15/16 in.
Foot Print (Length/Width)..... 28-3/4 x 18 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 1996 lbs.
Length/Width/Height..... 44 x 45 x 88 in.

Electrical:

Switch..... Forward/Reverse
Switch Voltage..... 220V
Cord Length..... 6 ft.
Cord Gauge..... 12 gauge
Minimum Circuit Size..... 15 amps at 220V, 30 amps at 110V
Plug Included..... No

Motors:

Main

Type..... TEFC Capacitor Start Induction
Horsepower..... 2 HP
Voltage..... 110/220V
Prewired..... 220V
Phase..... Single
Amps..... 20/10A
Speed..... 1725 RPM
Cycle..... 60 Hz
Number Of Speeds..... 1
Power Transfer V-Belt Drive
Bearings..... Shielded, Permanently Lubricated

Coolant

Type..... AC Sealed
Horsepower..... 1/8 HP
Voltage..... 110/220V
Prewired..... 220V
Phase..... Single
Amps..... 0.9/0.45A
Cycle..... 60 Hz
Number Of Speeds..... 1
Power Transfer Direct Drive
Bearings..... Shielded, Permanently Lubricated

Main Specifications:

Operation Info

Spindle Travel.....	5 in.
Swing.....	44 in.
Longitudinal Table Travel.....	15-1/2 in.
Cross Table Travel.....	8-1/2 in.
Vert. Table Travel.....	13 in.
Table Swivel.....	Left and Right 45 deg.
Knee Travel.....	13 in.
Ram Travel.....	11 in.
Ram Swivel Angle.....	90 deg.
Head Travel.....	5 in.
Head Swivel.....	90 deg.
Head Tilt.....	Left and Right 90 deg.
Turret Or Column Swivel.....	Left and Right 90 deg.
Max. Dist Spindle To Column.....	22 in.
Max. Dist Spindle To Table.....	15 in.
Drilling Cap For Cast Iron.....	1-1/4 in.
Drilling Cap For Steel.....	1-1/4 in.
No. Of Vert. Spindle Speeds.....	9
Range Of Vert. Spindle Speeds.....	270, 390, 550, 615, 860, 930, 1800, 1960, 2950 RPM
No. Of Longitudinal Feeds.....	Variable
Feed Rate.....	0 - 140 RPM
Quill Dia.....	3-1/2 in.

Table Info

Table Length.....	31-1/2 in.
Table Width.....	9-1/2 in.
Table Thickness.....	2-1/2 in.
Table Weight Capacity.....	220 lbs
No. Of T Slots.....	3
T Slots Width.....	0.640 in.
T Slots Height.....	1 in.
T Slots Centers.....	1-5/8 in.
Stud Size.....	1/2 in.

Spindle Info

Spindle Taper.....	R-8
End Milling Cap.....	1 in.
Face Milling Cap.....	3 in.
Draw Bar Diameter.....	0.550 in.
Draw Bar TPI.....	20
Draw Bar Length.....	16-5/8 in.
Spindle Bearings.....	Roller and Ball

Lead Screw Info

Lead Screw Diameter.....	1 in.
Lead Screw TPI.....	5
Lead Screw Length.....	37 in.

Construction

Spindle Housing Const.....	Cast Iron
Table Const.....	Surface 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 Label on Head Casting
Assembly Time 1-1/2 hours

Features:

Coolant System
Fine Down Feed
Reversing Switch
Longitudinal Power Feed
Work Light
Centralized Controls

Accessories Included:

Drill Chuck with Arbor
Milling Vise
Set of R-8 Collets