



MACHINE DATA SHEET

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

MODEL G3617 HORIZONTAL / VERTICAL MILL

Product Dimensions:

Weight..... 2054 lbs.
Length/Width/Height..... 54-7/8 x 59 x 80-3/4 in.
Foot Print (Length/Width)..... 35-5/8 x 20-1/2 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 2429 lbs.
Length/Width/Height..... 53 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:

Vertical

Type..... TEFC Capacitor Start/Run
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

Horizontal

Type..... TEFC Capacitor Start/Run
Horsepower..... 1-1/2 HP
Voltage..... 110/220V
Prewired..... 220V
Phase..... Single
Amps..... 16/8A
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.....	54 in.
Longitudinal Table Travel.....	22 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.....	27 in.
Max. Dist Spindle To Table.....	13-3/4 in.
Drilling Cap For Cast Iron.....	1-1/4 in.
Drilling Cap For Steel.....	1-1/4 in.
Max. Dist Horz. Spindle Center To Table.....	11-3/8 in.
No. Of Vert. Spindle Speeds.....	9
Range Of Vert. Spindle Speeds.....	270, 390, 550, 615, 860, 930, 1800, 1960, 2950 RPM
No. Of Horz. Spindle Speeds.....	8
Range Of Horz. Spindle Speeds.....	72, 170, 210, 240, 290, 550, 830, 1300 RPM
No. Of Longitudinal Feeds.....	Variable
Feed Rate.....	0 - 140 RPM
Quill Dia.....	3-1/2 in.

Table Info

Table Length.....	39-3/8 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.....	3 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
 Horz. Spindle Taper..... R-8
 Horz. Spindle Sizes..... 1, 1-1/4 in.
 Horz. Spindle Bearing Type..... Ball

Lead Screw Info

Lead Screw Diameter..... 1 in.
 Lead Screw TPI.....5
 Lead Screw Length..... 43 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.

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
 Longitudinal, Variable Speed Power Feed
 Work Light
 Centralized Motor Controls

Accessories Included:

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