



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.
Width (side-to-side) x Depth (front-to-back) x Height..... 59 x 54-7/8 x 81 in.
Footprint (Length x Width)..... 35-5/8 x 20-1/2 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 2429 lbs.
Length x Width x Height..... 53 x 45 x 88 in.

Electrical:

Minimum Circuit Size..... 15 amps at 220V, 30 amps at 110V
Switch..... Forward/Reverse
Switch Voltage..... 220V
Cord Length..... 6 ft.
Cord Gauge..... 12 gauge
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.
Vertical Table Travel.....	13 in.
Table Swivel (Left and Right).....	45 deg.
Knee Travel.....	13 in.
Ram Travel.....	11 in.
Head Travel.....	5 in.
Head Tilt (Left-to-Right).....	90 deg.
Turret or Column Swivel (Left and Right).....	90 deg.
Maximum Distance Spindle to Column.....	27 in.
Maximum Distance Spindle to Table.....	13-3/4 in.
Drilling Capacity for Cast Iron.....	1-1/4 in.
Drilling Capacity for Steel.....	1-1/4 in.
Maximum Distance Horizontal Spindle Center to Table.....	11-3/8 in.
Number of Vertical Spindle Speeds.....	9
Range of Vertical Spindle Speeds.....	270, 390, 550, 615, 860, 930, 1800, 1960, 2950 RPM
Number of Horizontal Spindle Speeds.....	8
Range of Horizontal Spindle Speeds.....	72, 170, 210, 240, 290, 550, 830, 1300 RPM
Number of Longitudinal Feeds.....	Variable
Feed Rate.....	0 — 140 FPM
Quill Diameter.....	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.
Number 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 Capacity.....	1 in.
Face Milling Capacity.....	3 in.
Drawbar Diameter.....	0.550 in.
Drawbar TPI.....	20
Drawbar Length.....	16-5/8 in.
Spindle Bearings.....	Roller and Ball
Horizontal Spindle Taper.....	R-8
Horizontal Spindle Sizes.....	1, 1-1/4 in.
Horizontal Spindle Bearing Type.....	Ball

Lead Screw Info

Leadscrew Diameter..... 1 in.
Leadscrew TPI..... 5
Leadscrew Length..... 43 in.

Construction

Spindle Housing/Quill..... Cast Iron
Table..... Surface Ground Cast Iron
Head..... Cast Iron
Column..... Cast Iron
Base..... Cast Iron
Paint..... Epoxy

Other

Collar Graduations..... 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 Vice
Set of R-8 Collets