



MACHINE DATA SHEET

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

MODEL G0617 13" X 59" 3-PHASE VERTICAL MILL.

Product Dimensions:

Weight..... 4740 lbs.
Length/Width/Height..... 61 x 88-1/2 x 92-1/8 in.
Foot Print (Length/Width)..... 39-3/8 x 23-5/8 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 5072 lbs.
Length/Width/Height..... 81 x 117 x 86 in.

Electrical:

Switch..... Rotary ON/OFF
Switch Voltage..... 220/440V
Cord Length..... 6 ft.
Cord Gauge..... 10 guage
Minimum Circuit Size..... .20 amp at 220V and 15 amp at 440V
Plug Included..... No
Phase Converter..... G5845

Motors:

Table Elevation

Type..... TEFC Induction
Horsepower..... 1/2 HP
Voltage..... 220/440V
Prewired..... 220V
Phase..... Three
Amps..... 2/1A
Speed..... 1725 RPM
Cycle..... 60 Hz
Number Of Speeds..... 1
Power Transfer Gear
Bearings..... Shielded and Lubricated

Main

Type..... TEFC Induction
Horsepower..... 5 HP
Voltage..... 220/440V
Prewired..... 220V
Phase..... Three
Amps..... 12/7A
Speed..... 1725 RPM
Cycle..... 60 Hz
Number Of Speeds..... 1
Power Transfer Gear Drive
Bearings..... Shielded and Lubricated

Longitudinal and Cross Feed

Type.....	ALSGS AL-510S
Horsepower.....	450 in./lb.
Voltage.....	110V
Phase.....	Single
Amps.....	1A
Cycle.....	60 Hz
Number Of Speeds.....	Variable
Power Transfer	Gear Drive
Bearings.....	Shielded and Lubricated

Coolant

Type.....	TEFC Induction
Horsepower.....	1/8 HP
Voltage.....	220/440V
Prewired.....	220V
Phase.....	Three
Amps.....	1/0.5A
Cycle.....	60 Hz
Number Of Speeds.....	1
Power Transfer	Direct Drive
Bearings.....	Shielded and Lubricated

Main Specifications:

Operation Info

Spindle Travel.....	4-7/8 in.
Swing.....	60 in.
Longitudinal Table Travel.....	39-3/8 in.
Cross Table Travel.....	14-1/2 in.
Vert. Table Travel.....	19-5/8 in.
Knee Travel.....	19-11/16 in.
Ram Travel.....	23-5/8 in.
Ram Swivel Angle.....	360 deg.
Head Travel.....	5 in.
Head Swivel.....	Left & Right 90 deg.
Head Tilt.....	Front & Back 45 deg.
Turret Or Column Swivel.....	360 deg.
Max. Dist Spindle To Column.....	29-7/8 in.
Max. Dist Spindle To Table.....	21-5/8 in.
Drilling Cap For Cast Iron.....	3/4 in.
Drilling Cap For Steel.....	1/2 in.
No. Of Vert. Spindle Speeds.....	Variable
Range Of Vert. Spindle Speeds.....	60 - 3750 RPM
No. Of Longitudinal Feeds.....	Variable
Feed Rate.....	0.2 - 36 in./min.
Quill Dia.....	3.938 in.
Quill Feed Rates.....	0.0015, 0.003, 0.008 in. per rev.

Table Info

Table Length.....	59 in.
Table Width.....	13 in.
Table Thickness.....	3-3/4 in.
Table Weight Capacity.....	880 lbs.
No. Of T Slots.....	3
T Slots Width.....	5/8 in.
T Slots Height.....	5/8 in.
T Slots Centers.....	2-1/2 in.
Stud Size.....	1/2 in.

Spindle Info

Spindle Taper..... NT #40
End Milling Cap..... 3/4 in.
Face Milling Cap..... 3-1/8 in.
Draw Bar Diameter..... 5/8 in.
Draw Bar TPI..... 11
Draw Bar Length..... 23-3/4 in.
Spindle Bearings..... Ball

Lead Screw Info

Lead Screw Diameter..... 1.260 in.
Lead Screw TPI..... 5
Lead Screw Length..... 55-1/2 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..... Powder Coat

Other

Collars Calibrated..... 0.200 in. per rev.

Other Specifications:

Country Of Origin China
Warranty 1 Year
Serial Number Location ID Label on Head Casting

Features:

- Centralized Control Panel
- 3-Axis Power Feed Including Knee
- Adjustable Limit Switches for All 3 Axis
- Power Down Feed on Quill with 3 Feed Rates
- Quill Auto-Stop and Return
- Head Tilts Left, Right Forward and Back
- Extension Trays on Both Ends of Table