



MACHINE DATA SHEET

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

MODEL G0618 3-AXIS CNC MILLING MACHINE w/12-POSITION ATC (AUTOMATIC TOOL CHANGER)

Product Dimensions:

Weight	5280 lbs.
Length/Width/Height	85" x 61 1/2" x 96"
Foot Print (Length/Width).....	59 1/2" x 26"

Shipping Dimensions:

Type	Wood Crate
Content.....	Machine
Weight.....	5880 lbs.
Length/Width/Height.....	100 1/2" x 67 1/2" x 88"

Electrical:

Voltage	220V
Phase	3 Phase
Switch.....	Centroid™ M400
Recommended Circuit Size	30A
Recommended Plug/Receptacle	NEMA L15-30

Motors:

Spindle Motor

Type.....	TEFC Induction
Horsepower	7 1/2 HP
Voltage	220V
Phase	3-Phase
Amps	18A
Speed	1725 RPM
Cycle.....	60 Hz
Power Transfer.....	HTD Belt Drive
Bearings	Shielded & Lubricated

Main Specifications:

Table Information

Table Length	50"
Table Width	12"
Table Thickness	2 3/4"
Number of T-Slots	3
T-Slot Width.....	5/8"
T-Slot Height	1 1/4"
T-Slot Center-To-Center.....	2 1/2"
Stud Size	1/2"

Operation Information

Longitudinal Table Travel	32 ⁷ / ₈ "
Cross Table Travel	19 ¹¹ / ₁₆ "
Distance Spindle Center to Column	20 ¹ / ₂ "
Distance Range Spindle to Table.....	3 ¹ / ₂ "–25 ¹ / ₂ "
Number of Spindle Speeds	Variable
Range of Spindle Speeds	60–8000 RPM

Spindle Information

Spindle Travel	22"
Spindle Taper	CAT-40
End Milling Capacity	1" @ 10mm Depth
Face Milling Capacity	4" @ 2mm Depth
Drilling Capacity for Cast Iron	⁷ / ₈ "
Drilling Capacity for Steel	⁵ / ₈ "
Spindle Bearings	P4 Class Angular Contact

Construction Information

Table.....	Hardened & Precision-Ground Cast Iron
Base, Saddle & Column	Hardened & Precision-Ground Cast Iron
Headstock.....	Cast Iron
Paint	Urethane

Other Specifications

Country of Origin.....	Taiwan
Warranty.....	1 Year
Serial Number Location	Machine ID Label on Front
Customer Assembly & Setup Time	4 Hours

Features:

Centroid™ M400 CNC Controller
15" LCD Display w/Push Button Control Functions, Solid State Hard Drive, Floppy Drive, RS-232, USB & Ethernet Connections
Conversational Software, Cutter Radius Compensation, Drilling cycles, Multi-Range Spindle, G-Code Backplot Graphics, Engineering & Software Support
DC310 3-Axis DC Servo Amplifier w/Integrated PLC for Coolant Control, Lube Controls, Spindle ON/OFF & Direction Controls.
12-Position Auto Tool Changer
Pneumatic Controllers
Auto Lubrication
C3 Grade High Precision Ball Screw for X-, Y-, and Z-Axis
Turcite & Meehanite Castings
Work Lamp
Large Open Chip Tray
Roller-Type Enclosed Vertical Chip Guard
3-Axis Feed Motor
Tool Box & Tools