



MACHINE DATA SHEET

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

MODEL G0933 4' X 8' 4-AXIS CNC ROUTER WITH VACUUM TABLE & LINEAR TOOL CHANGER

Product Dimensions:

Weight 4344 lbs.
Width (side-to-side) x Depth (front-to-back) x Height 128 x 136 x 98-1/2 in.
Footprint (Length/Width) 110-1/2 x 63-1/2 in.
Electrical Cabinet Dimensions 21-1/2 x 39 x 61-1/2 in.

Shipping Dimensions:

Type Wood Crate
Content Machine and Electrical Cabinet
Weight 4631 lbs.
Length x Width x Height 145 x 80 x 70 in.
Must Ship Upright Yes

Electrical:

Power Requirement 220V, 3-Phase, 60 Hz
Full-Load Current Rating 71A
Minimum Circuit Size 80A
Connection Type Permanent (Hardwire to Shutoff)
Switch Type ON/OFF Push Button w/E-Stop
Inverter (VFD) Type Delta MS-300 High Frequency VFD25AMS43ANSHA
Inverter (VFD) Size 15HP

Motor:

Spindle Motor

Type Spindle
Horsepower 12 HP
Voltage 220V
Phase 3-Phase
Amps 24.3A
Speed 0 - 24,000 RPM
Number Of Speeds Variable
Power Transfer Direct

X-Axis Motor

Model Simotics S-1FL6
Frame Size NEMA 52
Amps 3A
Rated Speed 2000 RPM
Type Servo
Power Transfer Gear
Feedback Device Encoder
Controller Siemens

Y-Axis Motor 1

Model..... Simotics S-1FL6
Frame Size NEMA 52
Amps 3A
Rated Speed2000 RPM
Type..... Servo
Power Transfer..... Gear
Feedback Device..... Encoder
Controller..... Siemens

Y-Axis Motor 2

Model..... Simotics S-1FL6
Frame Size NEMA 52
Amps 3A
Rated Speed2000 RPM
Type..... Servo
Power Transfer..... Gear
Feedback Device..... Encoder
Controller..... Siemens

Z-Axis Motor

Model..... Simotics S-1FL6
Frame Size NEMA 52
Amps 3A
Rated Speed2000 RPM
Type..... Servo
Power Transfer..... Gear
Feedback Device..... Encoder
Controller..... Siemens

A-Axis Motor

Model..... Simotics S-1FL6
Frame Size NEMA 52
Amps 3A
Rated Speed2000 RPM
Type..... Servo
Power Transfer..... Gear
Feedback Device..... Encoder
Controller..... Siemens

Main Specifications:

Axis Information

X-Axis Travel51-3/16 in.
Y-Axis Travel98-7/16 in.
Z-Axis Travel 15-3/4 in.
A-Axis Travel 0 - 90 deg. L/R
XY Rapid Speed..... 1969 IPM
Z Rapid Speed 787 IPM

Construction

Table..... Phenolic
Body Construction Steel
Paint Type/Finish..... Enamel

Cutting Information

XYZ Work Envelope 51-3/16 x 98-7/16 x 15-3/4 in.
Max Distance Spindle to Table 15-3/4 in.
Cutting Accuracy +/-0.002 in.

Table Information

Table Length	98-7/16 in.
Table Width	51-3/16 in.
Number of Vacuum Zones	4

Other Related Information

Number of Dust Ports.....	1
Dust Port Size	4 in.
Number of Leveling Feet.....	4
Collet Type	ER32
Controller.....	Siemens Sinumerik 808D Advanced

Other Specifications:

Country of Origin.....	China
Warranty.....	1 Year
Approximate Assembly & Setup Time	2 Hours
Serial Number Location	ID Label

Features:

- Siemens Sinumerik 808D Advanced with Build-In Digital Display and Input
- Linear Automatic 8-Tool Changer
- HSD Air-Cooled Spindle Motor
- Vacuum Table with 4 Independently Controlled Zones
- Tool Touch-Off Pad for Quickly Setting Z-Axis Height
- 850-Watt Servo Axis Motors
- Two-Stage Air Vacuum Pump (requires separate 3-phase, 220V hardwire connection)
- 3W LED Work Light
- Automatic Oiler for Bearing Rails
- Helical Rack & Pinion X & Y Gantry Travel
- 4th-Axis Machining Capability Around Y-Axis

Accessories:

- Collets: 1/4", 1/8", 4mm, 6mm
- Open-end 41/46 Wrench
- ER32 Collet Wrench
- Six T-track Hold Down Clamps
- Vacuum Table Plugs
- Dust Collection Shoe with Hose Attachment