



# MACHINE DATA SHEET

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

## MODEL G0934 5' X 10' CNC ROUTER WITH VACUUM TABLE & 8-POSITION ROTARY TOOL CHANGER

### Product Dimensions:

Weight ..... 3308 lbs.  
 Width (side-to-side) x Depth (front-to-back) x Height ..... 115 x 146 x 76-1/2 in.  
 Footprint (Length/Width) ..... 116-1/2 x 73 in.  
 Electrical Cabinet Dimensions ..... 39 x 21-1/2 x 61-1/2 in.

### Shipping Dimensions:

Type ..... Wood Crate  
 Content ..... Machine and Electrical Cabinet  
 Weight ..... 3749 lbs.  
 Length x Width x Height ..... 146 x 89 x 73 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

### Motors:

#### 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 Speed .....2000 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 Speed .....2000 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 Speed .....2000 RPM  
Type..... Servo  
Power Transfer..... Gear  
Feedback Device..... Encoder  
Controller..... Siemens

**Rotary Tool Changer Motor**

Power ..... 25W  
Phase ..... Single-Phase  
Amps ..... 0.22A  
Rated Speed .....1350 RPM  
Type..... TENV Induction Speed-Controlled  
Power Transfer..... Gear  
Bearings ..... Shielded & Permanently Lubricated  
Controller..... External

**Main Specifications:**

**Axis Information**

X-Axis Travel .....59-1/16 in.  
Y-Axis Travel .....118-1/8 in.  
Z-Axis Travel .....7-7/8 in.  
XY Rapid Speed..... 1969 IPM  
Z Rapid Speed ..... 787 IPM  
A Rapid Speed ..... 315 IPM

**Construction**

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

**Cutting Information**

XYZ Work Envelope ..... 59-1/16 x 118-1/8 x 7-7/8 in.  
Max Distance Spindle to Table .....7-7/8 in.  
Cutting Accuracy ..... +/-0.002 in.

**Table Information**

Table Length .....	118-1/8 in.
Table Width .....	59-1/16 in.
Number of Vacuum Zones .....	6

**Other Related Information**

Number of Dust Ports.....	1
Dust Port Size .....	4 in.
Number of Leveling Feet.....	6
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 Built-In Digital Display and Input
- Rotary Automatic 8-Tool Changer
- HSD Air-Cooled Spindle Motor
- Vacuum Table with 6 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)
- Automatic Oiler for Axis 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 41/46mm Wrench
- ER32 Collet Wrench
- Six T-Track Hold-Down Clamps
- Vacuum Table Plugs
- Dust Collection Shoe with Hose Attachment