# 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 |

### 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

**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