



MACHINE DATA SHEET

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

MODEL G0931 47" X 47" CNC ROUTER WITH T-SLOT TABLE

Product Dimensions:

Weight 838 lbs.
Width (side-to-side) x Depth (front-to-back) x Height 70-1/2 x 62-1/2 x 53-1/2 in.
Footprint (Length/Width) 58 x 60 in.

Shipping Dimensions:

Type Plywood Crate
Content..... Machine and Electrical Cabinet
Weight..... 948 lbs.
Length x Width x Height..... 75 x 69 x 68 in.
Must Ship UprightYes

Electrical:

Power Requirement 220V, Single-Phase, 60 Hz
Full-Load Current Rating..... 20A
Minimum Circuit Size 20A
Connection Type..... Cord & Plug
Power Cord IncludedYes
Power Cord Length70 in.
Power Cord Gauge 14 AWG
Plug IncludedYes
Included Plug Type6-15
Switch Type ON/OFF Push Button w/Emergency Stop
Inverter (VFD) Type Fulin DZB280B002.2L2DK
Inverter (VFD) Size3 HP

Motors:

Spindle Motor

Type..... Spindle
Horsepower3 HP
Phase 3-Phase
Amps 8A
Speed 0 - 24,000 RPM
Number Of Speeds..... Variable
Power Transfer..... Direct

X-Axis Motor

Frame Size NEMA 34
Amps 4A
Speed 0 - 2000 RPM
Type..... Stepper (Brushless, Permanent Magnet)
Power Transfer..... Direct
Step Resolution 1.8 deg. Per Step

Y-Axis Motor

Frame Size NEMA 34
Amps 4A
Speed 0 - 2000 RPM
Type..... Stepper (Brushless, Permanent Magnet)
Power Transfer..... Direct
Step Resolution 1.8 deg. Per Step

Z-Axis Motor

Frame Size NEMA 34
Amps 4A
Speed 0 - 2000 RPM
Type..... Stepper (Brushless, Permanent Magnet)
Power Transfer..... Direct
Step Resolution 1.8 deg. Per Step

Main Specifications:

Axis Information

X Axis Travel47-1/4 in.
Y Axis Travel47-1/4 in.
Z Axis Travel7-7/8 in.
XY Rapid Speed..... 709 IPM
Z Rapid Speed 394 IPM

Construction

Table..... Aluminum w/Closed Cell PVC
Body Construction Cast Iron
Paint. Enamel

Cutting Information

Work Envelope 47-1/4 x 47-1/4 x 7-7/8 in.
Max Distance Spindle to Table7-7/8 in.
Cutting Accuracy +/-0.002 in.

Table Information

Table Length51-1/4 in.
Table Width51-1/4 in.

Other Related Information

Number of Dust Ports..... 1
Dust Port Size 4 in.
Number of Leveling Feet.....4
Collet Type ER20
Controller..... RichAuto DSP A11

Other Specifications:

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

Features:

- RichAuto DSP A11 Handheld Controller with USB Port and Keypad
- Water Cooled Spindle with Included Water Pump
- Aluminum Table with T-Track and PVC Padding
- Tool Touch-Off Pad for Quickly Setting Z-Axis Height