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 x 62-1/2 x 53-1/2 in.
Footprint (Length x Width)..... 58 x 60 in.

Shipping Dimensions:

Type..... Plywood Crate
Content..... Machine
Weight..... 948 lbs.
Length x Width x Height..... 75 x 69 x 68 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz
Full-Load Current Rating..... 20A
Minimum Circuit Size..... 20A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 72 in.
Power Cord Gauge..... 14 AWG
Plug Included..... Yes
Included Plug Type..... 6-15
Switch Type..... ON/OFF Push Button w/Emergency Stop
Inverter (VFD) Type..... BD612-2R2-2-DK
Inverter (VFD) Size..... 3 HP

Motors:

Spindle Motor

Horsepower..... 3 HP
Phase..... 3-Phase
Amps..... 8A
Number of Speeds..... Variable
Rated Speed..... 6,000 - 24,000 RPM
Type..... Induction
Power Transfer ..... Direct

X-Axis Motor

Frame Size..... NEMA 34
Amps..... 5A
Number of Speeds..... Variable
Rated Speed..... 0 - 2,000 RPM
Type..... Stepper (Brushless, Permanent Magnet)
Power Transfer ..... Direct
Step Resolution..... 1.8 deg. Per Step

The information contained herein is deemed accurate as of 11/16/2026 and represents our most recent product specifications. Due to our ongoing improvement efforts, this information may not accurately describe items previously purchased.

Y-Axis Motor

Frame Size	NEMA 34
Amps	5A
Number of Speeds	Variable
Rated Speed	0 - 2,000 RPM
Type	Stepper (Brushless, Permanent Magnet)
Power Transfer	Direct
Step Resolution	1.8 deg. Per Step

Z-Axis Motor

Frame Size	NEMA 34
Amps	5A
Number of Speeds	Variable
Rated Speed	0 - 2,000 RPM
Type	Stepper (Brushless, Permanent Magnet)
Power Transfer	Direct
Step Resolution	1.8 deg. Per Step

Main Specifications:

Axis Information

X-Axis Travel	47-1/4 in.
Y-Axis Travel	47-1/4 in.
Z-Axis Travel	7-7/8 in.
XY Rapid Speed	709 IPM
Z Rapid Speed	394 IPM

Cutting Information

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

Table Information

Table Length	51-1/4 in.
Table Width	51-1/4 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

Construction

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

Other Specifications:

Country of Origin	China
Warranty	1 Year
Approximate Assembly & Setup Time	1 Hour
Serial Number Location	ID Label
ISO 9001 Factory	Yes

Features:

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