3000 SERIES CNC ROUTER

INNOVATION. QUALITY. PERFORMANCE.

MULTICAM
Complete CNC Solutions

QUALITY, SPEED AND RELIABILITY IN A CNC ROUTER

Ideal for small to medium manufacturers,
the 3000 Series CNC Router incorporates speed and quality into a
reliable and affordable machine.

3000 SERIES

3000 SERIES CNC ROUTER

3000 Series CNC Router – Reliable and Precise Cutting Power

Our 3000 Series CNC router has a gentler touch than our high-power 7000 and 5000 Series. That's what makes this series effective for cutting foam, composite materials, and marine fabrication. Up to 13 horsepower means it still has all the power you need to cut quickly and efficiently.

A high cut speed of 1,400 IPM and rapid traverse of 2,500 means no time is wasted when the 3000 Series cuts and moves. And you still get consistently high accuracy with each cut because the 3000 Series CNC router comes with a repeatability of 1/1000th of an inch!

The smaller table size means it fits well in compact production areas. A lower weight of up to 4 tons max also means the 3000 Series CNC router is easier to move around your facility. At the same time, you still have a durable all-steel frame, so you don't have to worry about damage happening.

The 3000 Series comes loaded with a number of customizable options so you can have it match the needs of your production facility. That includes coolant mist systems so you can keep your cutting clear and cool. And you can also add a 12-position automatic tool changer so you can make any cut on the fly without any manual intervention.

For marine fabrication, cutting foam, and all this done in a compact area, nothing from MultiCam tops the 3000 Series CNC router. Call MultiCam at **972.929.4070** today to learn more about the 3000 series and available customizable options.

STANDARD FEATURES

- MultiCam EZ Control® and EZ Suite®

- Heavy, all-steel frame reconstruction

- High-speed 3-axis motion-control system

- 12MB memory with unlimited file size transfers

- Brushless digital AC servo drives

Automatic tool calibration

- *(Features subject to change without notice)*

- Vacuum table and pumps

- Wide range of spindle options

- Linear automatic tool changer

- Automatic 12-position rotary turret tool changer

- MultiCam CNC Knife with optional cutting heads

- MultiVision™ Digital Registration System

- Spindle options 4 HP to 13.3 HP

- Coolant mist systems for non-ferrous metal cutting

- Vision systems for print registration compensation

- Tangential knife cutters

- *(Options subject to change without notice)*

- 25mm linear ball-bearing profile rails

- Z-axis clearance: 6" – 10"

- Cut speed: 1,400 IPM

- Rapid traverse: 2,500 IPM

- Repeatability: +/- 0.001"

- Drive system X and Y-axis: rack and pinion

- Drive system Z-axis: ball screw

- *(Specifications subject to change without notice)*

MATERIAL CUT

- Plastic

- Wood

- Foam

- Non-ferrous metals

- Composite materials

APPLICATIONS

- Sign making

- Woodworking

- Marine fabrication

BASIC INFORMATION

- 5.5 – 13 HP

- Table sizes: 50" x 50" to 80" x 241"

- Rapid traverse: 2,500 IPM

- Repeatability: +/- 0.001"

- Weight: 3,000 to 8,000 lbs.

- Standard work surface: 1" Phenolic

Size Chart

MODEL	L	L1	W	W1	WORKING AREA	WEIGHT
3-101R	107" (2718 mm)	76" (1930 mm)	85" (2159 mm)	65" (1651 mm)	50" x 50" (1270 mm)	2970 lbs (1350 kg)
3-103R	157" (3987 mm)	126" (3200 mm)	85" (2159 mm)	65" (1651 mm)	50" x 100" (1270 x 2540 mm)	4150 lbs (1886 kg)
3-202R	117" (2971 mm)	86" (2184 mm)	95" (2413 mm)	75" (1905 mm)	60.5" x 60" (1524 x 1524 mm)	3260 lbs (1481 kg)
3-204R	183" (4648 mm)	152" (3860 mm)	95" (2413 mm)	75" (1905 mm)	60.5" x 122" (1524 x 3099 mm	5170 lbs (2350 kg)
3-205R	201" (5105 mm)	170" (4318 mm)	95" (2413 mm)	75" (1905 mm)	60.5" x 145" (1524 x 3657 mm)	5630 lbs (2553 kg)
3-304R	183" (4369 mm)	152" (3860 mm)	115" (2921 mm)	95" (2413 mm)	80" x 122" (2032 x 3099 mm)	5920 lbs (2690 kg)
3-305R	201" (5105 mm)	170" (4318 mm)	115" (2921 mm)	95" (2413 mm)	80" x 145" (2032 x 3658 mm)	6310 lbs 2868 kg)
3-306R	224" (5689 mm)	193" (4902 mm)	115" (2921 mm)	95" (2413 mm)	80" x 168" (2032 x 4267 mm)	6520 lbs (2957 kg)

*Height on all models 77"(1956 mm). Increase W by 13"(330 mm) for Optional Second Carriage or Wide Gantry.

H

W1

W

L

L1