

STRATA^{ONE} CNC ROUTER

Reliable **Routing Performance** with a Streamlined Operator Experience

Backed by more than 35 years of CNC expertise

STRATA One delivers dependable routing performance with simplified operation, enhanced diagnostics, and long-term value.

Designed and manufactured in Dallas, Texas, STRATA One continues the MultiCam tradition of reliability, versatility, and customer support.

Key Features

- ✓ Easy to operate and support
- ✓ Built for long-term value
- ✓ Powered by Pegasus
- ✓ Coreo integration



www.multicam.com

Easy to Operate

Simplified workflows, intuitive controls, and a streamlined operator experience help reduce setup complexity and improve day-to-day productivity.

Easy to Support

Enhanced diagnostics and improved machine visibility help simplify troubleshooting and maintenance.

Powered by Pegasus

The Pegasus controller enhances the operator experience with improved machine visibility, enhanced diagnostics, and simplified machine operation.

Base Frame

A solid-steel frame design is standard on the STRATA One. It provides a heavy and accurate platform that translates into gentle motion for clean, smooth cuts.

Router Spindle

Comes equipped with a high frequency spindle of up to 13.4 HP and 24K RPM, providing optimal durability for cutting thin or dense materials.

Helical Rack

Helical racks are standard on the STRATA One and provide smooth and accurate motion as the gantry moves through all axes.

Linear Auto Tool Changer

The ATC spindle offers a linear rack for spindle or knife pickup locations. Automatic spindle tool pickup rack is a high value yet low-cost option (4-14 locations based on width of machine).

Servo Drive System

The STRATA One comes standard with a robust drive motor system with servo drives to allow for powerful yet fluid motion.

Tangential Knives

The single or dual knife system expands the versatility of the STRATA One by allowing a wide range of materials to be processed using electric oscillating or automatic quick-change drag knife attachments. Its modular design supports simplified upgrades, providing flexibility as production needs change.

4-Zone Vacuum Work Surface

Optimize vacuum hold down with a 4-zone milled phenolic work surface and custom gasket grid pattern for improved vacuum control. Air-actuated zone switches enable quick and easy control of individual vacuum zones, helping reduce setup time and improve workflow efficiency.

Computer Workstation

Adjustable ergonomic stand with an all-in-one 24" PC pre-loaded with Coreo machine software. Upgrade to full CAD/CAM suite for efficient streamlined at machine workflow.

EZ Control

Powered by the Pegasus controller and Core9 software, EZ Control features simplified menus and intuitive navigation for faster setup and easier machine operation. The streamlined interface helps reduce training time and improve operator productivity.

MultiVision

A dynamic digital registration system that provides additional flexibility by visually recognizing media registration marks and automatically compensating for skew and image drift.

Laser Pointer

Quickly and accurately identify reference points on the material to minimize job setup time. Material positioned at an angle on the table can be aligned using part rotation functionality for improved setup accuracy.

	Specifications
Max. Material Thickness	3 in. 76 mm
Gantry Height	6 in. 152 mm
Cutting Speed	1,500 IPM 635 mm/s
Rapid Traverse	2,121 IPM 897.9 mm/s
Repeatability	+/-0.001 in. +/-0.025 mm
Drive System (X,Y)	Helical
Drive System (Z)	Ball Screw
Standard Work Surface	1 in. (25.4 mm) Phenolic

Options
10 HP Collet Spindles 10 HP & 13.4 HP ATC Spindle
2 mm / 5 mm Electric Oscillating Knife
Quick Change Knife
Linear Automatic Knife Tool Changer
Linear Automatic Spindle Tool Changer
Coolant Mist Systems for Non-Ferrous Metals
MultiVision Digital Registration System
Pop-up Alignment Pins
Vacuum Table & Pumps
Laser Pointer
Surface Mapping

	Models
103	50x100 in. 4x8 ft. - 1,270x2,540 mm
204	60x120 in. 5x10 ft. - 1,520x3,050 mm
205	60x144 in. 5x12 ft. - 1,520x3,660 mm
304	80x120 in. 6.5x10 ft. - 2,030x3,050 mm
305	80x144 in. 6.5x12 ft. - 2,030x3,660 mm

