5000 Series Router

Versatile, Feature-Rich Production

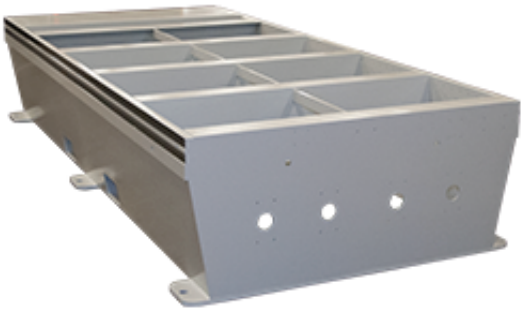
The MultiCam® 5000 Series CNC Routers are extremely flexible machines. We designed them for easy configuration to meet most high-speed routing application requirements. Use this rugged cutting system in a broad range of woodworking, plastic and non-ferrous metal production jobs.

Rigid all-steel construction and a space-saving, moving-gantry design make the 5000 Series robust, commercial-grade machines designed for heavy-duty CNC routing. With the industry's largest range of standard table sizes and spindle configurations, MultiCam's 5000 Series is an ideal choice in today's competitive manufacturing environment.

Automatic Tool Changer (ATC)

Order an optional 12-position rotary tool changer for 5000 Series machines. MultiCam optimized this accessory for bidirectional rotation. It takes the shortest route to help reduce tool change time. All ATC systems come standard with automatic tool calibration. Tool change routines built into the controls simplify integration with your favorite CAM software. An automatic tool changer solution will help reduce job time, improve accuracy and reduce setup errors.

Base Frame



MultiCam welds, stress relieves and precision machines the one-piece 5000 Series steel-plate base frame. It features 0.5" thick side plates and 2" bar stock to support the X-axis linear bearings. One-piece construction provides a very accurate and smooth cutting system while reducing installation time greatly. It essentially removes the possibility for installation errors that could affect the system's performance and accuracy.

No Programming Experience Required

MultiCam CNC machines use **MultiCam EZ Suite**, which is a complete machine tool management solution that combines several applications to provide user-friendly methods for setting up, managing, updating, and troubleshooting the machine and job files. MultiCam's EZ G-Code is an easy-to-use CAM software solution that is designed to make CNC cutting easier at the operator level. Designers understand the art of creating beautiful parts and units in sophisticated CAD programs, but operators know how to fine tune machines and get the best cuts possible. After all, operators work with machines all day, every day.

The huge benefit of EZ G-Code is that the entire program from start to finish is easy to navigate simply by hitting the "Next" button. This takes the operator through the necessary steps to ensure perfect cuts every time.

Most CAM systems require several complicated steps to translate a CAD file into machine-ready G-Code. You must determine and enter such factors as tool selection, cut order, cut direction, kerf compensation, and speeds before you can create useable data. But EZ G-Code automates these tasks, saving valuable time and simplifying the production process.