

# Cobra X<sup>3</sup>

*Three Heads Are Better Than One!*

**CAMaster**



## **Three Heads Are Better Than One!**

Imagine being able to save \$10,000 off the cost of a CNC router and still have the capability to cut unattended using multiple tools! "Unheard of", you say? – Not anymore.

Bill Glenn has done it again! Thanks to Bill's new patent-pending multiple head design, CAMaster can now get an automatic tool changing CNC router into virtually any cabinet shop or woodshop, and save the customer valuable working capital without compromising quality, durability, or functionality.

### **Why Only Three?**

Extensive research has shown that three tools is enough for most customers in the cabinet making, general woodworking and signmaking industries, with very few exceptions. That is why CAMaster has chosen to go with a three cutting head design, other reasons include:

- **Time Savings**

The Cobra X3 can change tools in less than two seconds. This is twice as fast as many of the most expensive CNC routers on the market, and five times as fast as the average CNC router with an automatic tool changer.

- **Cost Savings**

Keep as much working capital as possible, as the X3 will save you \$10,000 versus the cost of a drawbar-type automatic tool changer.



**Specialtytools.com**  
**1.800.669.5519**

## Cobra X3 Standard Features

- ✓ Z Surface Sensor with Automatic Tool Calibration
- ✓ High-speed 3-axis microstepping drive system
- ✓ Windows-based CNC G-code controller
- ✓ Complete control computer, configured for operation
- ✓ User-friendly operation
- ✓ Advanced contouring algorithm for ultra-smooth 3-D motion on relief carvings and other three-dimensional work

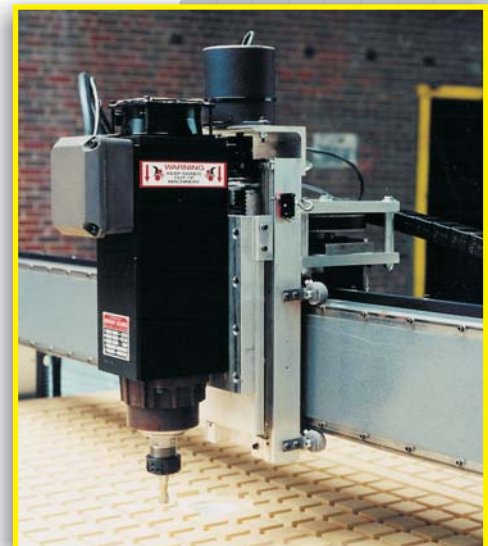


### High Frequency Spindles

The Cobra X3 comes with one high frequency spindle surrounded by two auxiliary trim routers, which can be used for drilling, hogging, trimming, and much more..

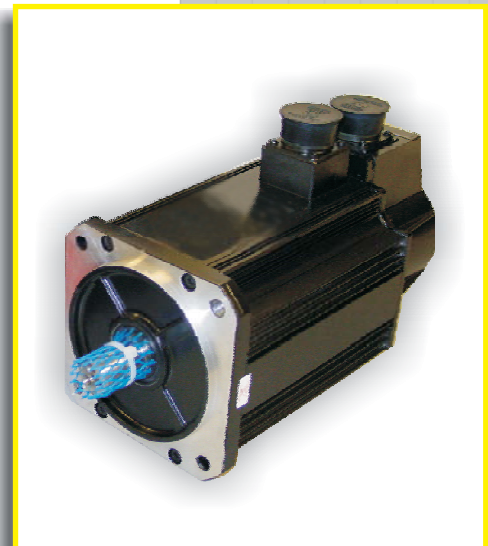
Did you know:

- ✓ Even if you only have single-phase power, you can still use a high-frequency spindle on your CNC router.
- ✓ CAMaster uses only the finest, high-precision spindles for ultra-quiet, smooth-running operation.
- ✓ High-frequency spindles are so precise and so quiet, you can barely hear these things run!



### High Performance Servo Drive System

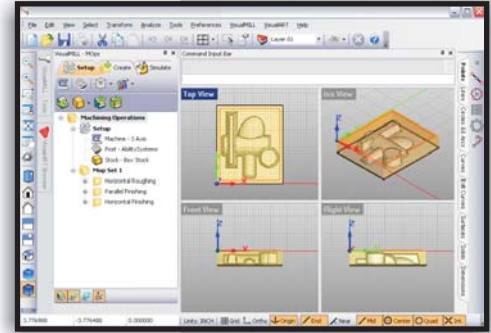
For even more performance, you may opt to use our robust SDS (Servo Drive System). This will increase your rapid travel speed approximately 150% and greatly increase the force with which you can cut at higher speeds. Our servo drive system is not for everybody, as some applications are better suited for a microstepper drive system. As our engineering department for help deciding which drive system is right for your application.



## Cobra Series Optional Equipment (cont'd.)

### CAD/CAM Software

CAMaster Cobra CNC routers can be driven via virtually any CAD/CAM software that generates output files in industry-standard G-code command language. For more information on software for use with CAMaster machines, please see our Software product pages.



### Mist Coolant Systems

CAMaster offers quite a few various options for keeping the bit cool while the chips are flyin', including pulse misters, spray misters, and cold air guns.



## Workholding Options

### T-Slot Table

Use a T-Slot table for manual clamping of parts of various sizes. Includes basic T-slot hardware starter kit.

### Vacuum Clamping Systems

For the best results for production workholding, choose one of CAMaster's carefully engineered vacuum workholding systems. Options include:

- ✓ Moderate pressure, high flow systems have high leakage tolerance for thru-vac workholding when processing nested-based cabinet parts and other large sheet processing.
- ✓ High pressure, lower-flow vacuum systems are great for production work where gasketed fixturing is used. In this way, leakage is minimized and the pressure of the pump remains high.
- ✓ Other systems available based on the needs of the customer, the size of the table, etc.



**World-class Technical Support**

With a customer-provided connection to the internet, CAMaster can support your machine, troubleshoot problems, and provide training via the internet. This greatly reduces the need for field support calls, and saves the customer endless frustration and headache. This is just another way CAMaster is there for you long after the sale is final!



**Specialtytools.com**  
**1.800.669.5519**