

CAMaster

Cobra Series CNC



A Venomous Threat to the Competition!

Cobra CNC Routers offer a rugged, affordable CNC solution for businesses of all sizes. They are perfect for nested-based manufacturing of cabinets, for signmaking, woodworking, fabrication of solid surface materials, 3D machining and prototyping, and much, much more.

Are you concerned about the availability of continued service and support after the sale? Cobra routers are a sure fit for discerning buyers like you. Cobra CNC Routers are backed by CAMaster's impeccable record of service and support and a friendly and knowledgeable support staff.

How easy is it to use? So easy your grandma could do it. Our easy-to-use, windows-based human-machine interface (HMI) allows even the least experienced person to start cutting parts in under an hour. Skeptical? Arrange a demonstration and come see for yourself.

And what about the warranty? Cobra routers come equipped with the best warranty in the industry, which covers any defects in material or workmanship for a period of two years after the date of purchase. In addition, there are extended warranty and service contracts available to meet your needs for years to come.

When you buy a Cobra, you're buying the best, from real people who care about the best interests of our clients. Do your homework. We think you'll agree that CAMaster Cobra is one of the most solid, robust products the industry, with an unbelievable price/performance ratio!



Specialtytools.com
1.800.669.5519

Cobra Series Standard Features

- ✓ Z Surface Sensor with Automatic Tool Calibration
- ✓ High-speed 3-axis microstepping drive system
- ✓ 3.25HP Porter Cable router motor
- ✓ 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



Cobra Series Optional Equipment

High Frequency Spindles

Optional high-frequency spindles are available in various power and speed configurations. High frequency spindles provide smooth operation and much longer bearing life than standard brush-type router motors.

- ✓ 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.



Automatic Tool Changer (ATC)

CAMaster's Cobra series machine offers an optional linear automatic tool changing configuration. All automatic tool changers come complete with a Tool Offset Measurement (TOM) sensor. This sensor, along with the standard integration of the tool changing algorithms into the G-code controller, allows for extremely quick job setup times. Further, it accommodates simple interaction with a customer's existing CAM software.



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 CAMMaster'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!

