

# CAMaster Options and Pricing for the Cobra Line of CNC Routers

## Recoil Indexing Lathe

The Indexing Lathe is mounted on the side of the machine so it does not interfere with the table top when it is not in use. It comes with a head stock, tail stock, rails, and motor/drive system. Also includes a 4 Jaw Lathe Chuck System. The tail stock is a removable, live center point. The head stock comes with a 1" x 8 TPI threaded shaft. The Cobra's spindle/router moves bi-directionally along the length of the material and does the carving. *Indexing* means that the work material can be rotated 360 degrees.

<b>Cobra CR-505:</b>	For carving stock up to 12" diameter and 60" in length
<b>Cobra CR-408:</b>	For carving stock up to 12" diameter and 96" in length
<b>Cobra CR-510:</b>	For carving stock up to 12" diameter and 120" in length

## Recoil Indexing Lathe Ready

The option allows you to add a Recoil Indexing Lathe in the future. Machine comes with a 4th axis controller and drive installed and enabled in the software. The gantry is extended to accommodate the recoil and the motor wires to the recoil are also installed making it ready for future "plug in" of a recoil head.

## Laser Cross Hair

The laser pointer is a great way to quickly set the starting position of the spindle's both the X and Y axis, similar to the way the laser cut line works on miter saws. The high strength red diode places a "cross hair" on the material allowing a user to set an X-Y zero where the cutting tool will start machining. Since the dust boot covers the cutting tool the laser light is the perfect solution for placing the work piece right where it needs to be on the table.

## T-Slot Clamping Table and Extra Clamps

Five Aluminum T-Slot tracks are recessed into the supplied tabletop. Four clamps are included and may be slotted into the appropriate tracks to accommodate work pieces of different sizes. (The Cobra CR-510 comes six tracks instead of five). Extras clamps are available in sets of 2.

**Extra Set of Clamps (Set of 2): \$35**

## The Hurricane Vacuum System

The Hurricane Vacuum System operates on Single Phase 220-230V Power. This is ideal for small shops as it saves them from expensive phase converters or power drops. The Hurricane Vacuum System creates 382 CFM as well as 9.5 In Hg. If purchased with your machine, a vacuum grid is routed on your tabletop and the table is fully plumbed and zoned for easy and direct connection to the vacuum system.

## Klein Vacuum System

The Klein is an industrial regenerative vacuum system that operates on Single Phase 220-230V Power. The Klein creates 390 CFM as well as 9.8 In Hg. This is ideal for small shops that don't have 3 phase power but need an industrial vacuum system. Includes a motor starter.

## **Rotary Tool Carousel**

A gantry mounted Rotary Tool Carousel for quick tool changes. Opens up the table by giving you the ability to load and unload from all sides of the machine.

## **14W Laser Engraver**

A high-powered laser that has double the power of the 7W laser enabling you to engrave faster and cut more materials. Comes with air assist kit.

## **Mister System**

The Mister System provides a cost-effective solution for cutting nonferrous metals. When used in non-ferrous cutting applications, the Mister System dispenses small amounts of Micro-Drop synthetic or vegetable-based lubricant to cool and lubricate the cutting tool.

## **CutVision Visual Registration System**

The CAMaster CutVision is a digital visual registration system that is used in print-to-cut applications. It utilizes both software and a digital camera to find and recognize printed registration marks and automatically adjust the machine's cutting path as necessary to achieve exact cutting alignment with the printed shapes. CutVision is fully integrated on the machine and allows virtually any printed material to be accurately and precisely cut on the CNC.

## **Oscillating Knife**

An oscillating tangential knife is designed to provide high accuracy cutting of a wide range of soft and semi rigid materials including but not limited to Graphic Foam boards, Closed Cell Foam, Plastic-covered Foam, Corrugated Cardboard and Plastic, Gasket Materials, Rubber, Cork, Carpet, Felt and other Single-ply Cloth or Fabric, Vinyl and more. Electrical Blade oscillation and tangential control ensures that the cutting blade delivers accurate cuts even on thicker materials without excessive overcut. Comes standard with an air permeable cutting mat, Air permeability allows the mat to be used while using a vacuum system.

## **Tangential Knife with Quick Change**

A non-oscillating tangential knife is ideal for higher cutting pressures and where longer blades may be required. The Quick-Change feature lets you manually change your tool with a simple push of a button. Comes standard with an air permeable cutting mat that is placed on the tabletop of your CNC machine when using the knife.

## **Automatic Tangential Knife Changer**

A 5-position tangential knife tool changer. You can automatically change up to 5 knife tools including creasing wheels, angled knife cartridges, pizza wheel cartridges, kiss cutter cartridge. Works like an automatic tool change spindle.

## **Automatic Lubrication System**

The most important part of a machine's ongoing maintenance is lubrication. The CAMaster Auto Lube System ensures the CNC router's bearings and ball screw are properly and automatically lubricated. Lubrication occurs while the machine is in operation which reduces downtime and the right amount of grease is applied to each component every time, removing the guess work on maintenance.

## **Maintenance Kit**

The Maintenance Kit contains almost everything you need to tune-up your machine in one convenient package. The Kit includes a Grease Gun, Needle Adaptor, Two Tubes of Grease and Maintenance Instructions.

## **10 Piece Starter Bit Set**

A range of 10 bits to get you started carving in several substrates including wood, acrylic, and non-ferrous metals. These bits are manufactured by Amana Tool.

***1/2" 90° 2-FluteV-Bit (1/2" shank)***

***1/4" Ballnose Upcut SPEKTRA***

***1/4" 2-Flute Spiral Downcut 7/8" CL SPEKTRA***

***1/8" DOWNCUT 3FL SPIRAL SPEKTRA***

***3/8" Compression SPEKTRA***

***1/4" O-Flute 3/4" CL SPEKTRA***

***1/2" 60° 2-FluteV-Bit (1/2" shank)***

***3/8" Ballnose Upcut SPEKTRA***

***1/4" 2-Flute Spiral Upcut 7/8" CL SPEKTRA***

***1 1/2" Surfacing Bit for Spoilboard***

## **Training Options**

CAMaster personnel can assist you with training in the use of software and/or machine operation, depending on your needs. Training can be done at CAMaster's location, at the customer's location or online.

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**At CAMaster, we are focused and driven to bring the best value and service to the CNC market. If you have any questions, please contact a sales associate:**

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