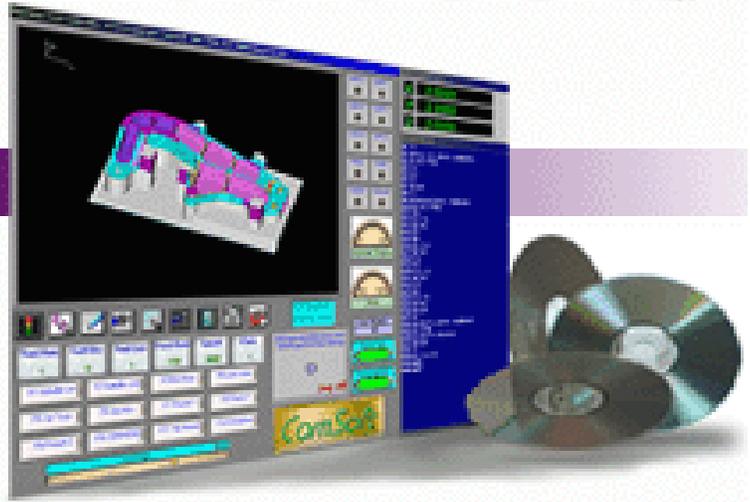


CNC CONTROL COMPONENTS

You're looking at the **FUTURE***

FEATURED PRODUCT

CNC-STEP-PC &
CNC-SERVO-PC



FOR POWER, PRICE & EASE OF USE

Transform Dated, Proprietary CNC Systems to the Most Configurable Control System Available Today

EPIK continues to supply our customers with advanced electronic and mechanical components as a supplier and developer. Taking our efforts to the next level, EPIK has teamed up with CamSoft CNC controls to take the same advanced control system used with RaptorCNC to apply it as a turn-key kit solution for the powerful and affordable retrofit/rebuild of **all** general automation and CNC machinery.

Sharing a mutual philosophy with EPIK, CamSoft believes in simple, modular hardware and software solutions that are both ala-carte and allow the customer to seamlessly advance their solution as the need presents itself. Camsoft's unique software works by utilizing a standard PC to replace the need of complex and expensive PLCs allowing for interface with the machine in a normal Windows environment with user customizable screens.

By utilizing an open architecture, CNC Professional is perhaps the most advanced CNC controller on the market today, at any price point. With Camsoft you can choose to use your existing CNC enclosure and motors or choose from a wide variety of ready-to-go solutions from EPIK. This open architecture allows the user to control his or her CNC experience like never before by allowing for custom interfaces, custom M and G codes, the ability to monitor and control the machine remotely, and to use readily available new and/or used components in a tangible configuration.

How Does it Work?

It begins with a call to EPIK to determine what is needed for your retrofit. From here, EPIK can do the retrofit for you or **with** you as a DIY-4-ROI option. Many will opt for self-installation with proper machine specifications and a willingness and experience to retrofit and trace low-voltage wires. Approximately 90% of the installation involves prepping the machine electrically and mechanically and bringing the wires to the provided terminal strip. The terminal strip is clearly marked and the diagnostic software is accompanied with an automatic servo tuning program. There are several default operator interfaces to select from for all types of machine tools or you can customize your own. The control can accept many different formats of G & M codes and CAD files making for a seamless integration to any CNC enterprise.

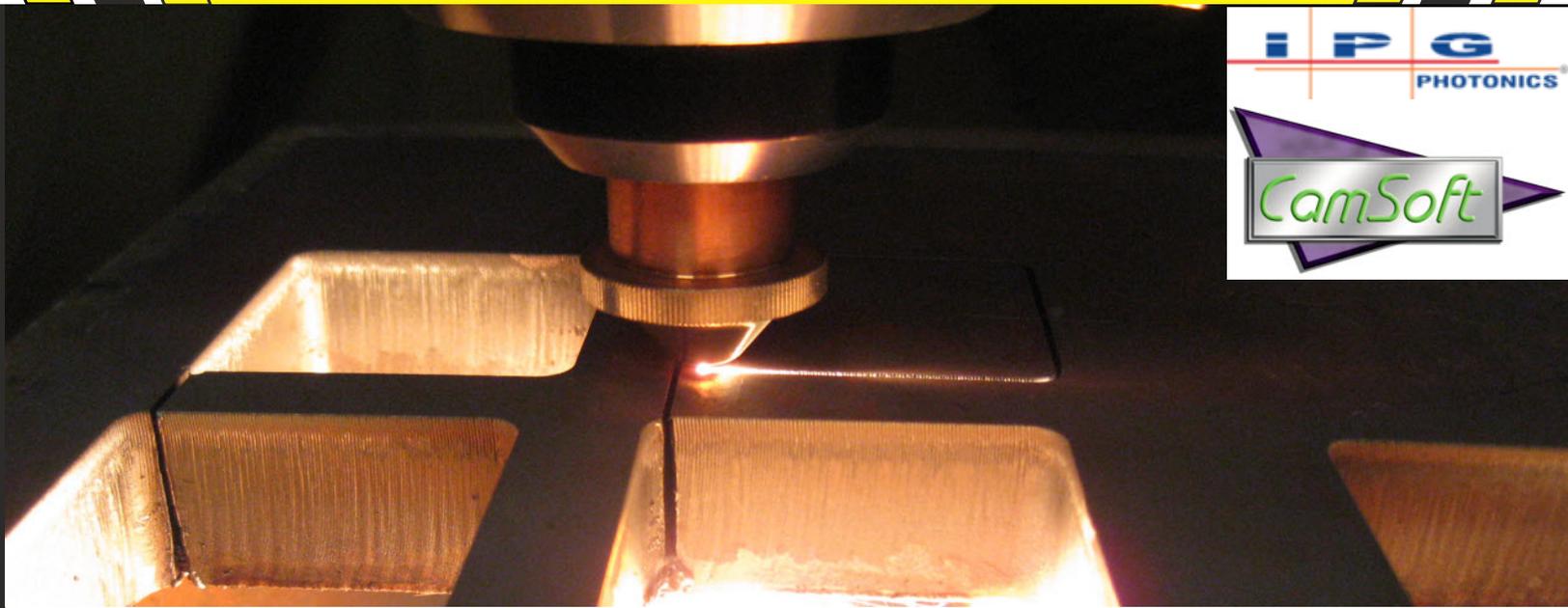
CamSoft Software [Comparison](#) & [Brochure](#)

EPIK
866-928-5167
sales@epikltd.com



7081 State Route 95
Fredericktown, OH 43019
www.epikltd.com

FIBER LASER SOLUTIONS



FOR POWER, PRICE & EASE OF USE ^{WITH LASERS!}

Transform Dated, Proprietary CNC Systems to the Most Configurable Control System Available Today

EPIK is proud to present the metal working industry with the ultimate in fiber laser solutions. Whether you are looking for a new fiber laser workcell (manufactured by IPG) or to retrofit an existing laser system to fiber laser, EPIK has a solution for you. Combining the open control capabilities of CamSoft, EPIK is able to offer our customers the ability to directly communicate with IPG fiber laser units while taking **full control** of their existing machine.

What does "**FULL CONTROL**" mean for EPIK fiber laser retrofit customers?

- Self Service; Self Repair; Self Maintenance
- Option to use new/used parts as availability and budget allow
- Option to mix/match components including drives and motors
- Ability to add switches and input/output signals as desired
- Ability to increase machine performance with new technologies
- Ability to advance the machine as needs and budget dictates
- Choice of CAD/CAM systems with standard outputs
- User customizable standard and touchscreen interfaces

Additional CamSoft capabilities not found on many, more expensive control options include:

- Ultrasonic torch height control for immediate height control
- Patent pending SmartPath intelligent look ahead technology to provide the highest cut quality in various materials and geometries through real-time based acceleration and deceleration adjustments and live feedrates
- FASTMODE lookahead capabilities to accommodate the quick movements of lasers necessary in small and curvy lines
- Ability to adjust laser power to combined vector velocity speed
 - The faster the travel the higher the laser power; the slower the travel the lower the laser power
 - In the event the table stops, the laser is turned off to protect the part and table

With features such as SmartPath and FASTMODE in our arsenal to accommodate laser companies running enormous G-code files with short, fast movements, EPIK is confident our hardware based servo motion card using closed loop feedback can control a multi-axes servo system better and faster than most other more expensive systems do. The end result is a much faster cutting process with advanced features to assist in position error correction. Call EPIK to learn more about the integration process and determine what solution best fits your fiber laser needs.

EPIK
866-928-5167
sales@epikltd.com



7081 State Route 95
Fredericktown, OH 43019
www.epikltd.com