The EZ-CAM Express family of products offers an integrated design and 2-axis machining system at an affordable price. These streamlined applications are packed with over twenty years of G-code programming experience and CNC know-how, and contain all the essential features of the standard EZ-CAM products. The powerful geometry construction tools are easy to learn and use, and multiple import/export options including DXF and IGES allow existing CAD systems to be readily companied.

EZ-CAM Express, it’s a great way to start programming... today!

EZ-MILL is a full featured milling system containing many advanced capabilities normally associated with more expensive systems. It includes all the EZ-MILL Express functionality plus Gears/Splines/Cams Geometry Creation, 2.5D milling operations applied to imported solid models, 4th axis indexing/wrapping and a 3D profiling cycle. Also included is the Optimize Curve command to simplify curves by fitting tangent arcs to polyline segments. Robust data translators allow part models to be imported from virtually any CAD system, and powerful geometry extraction tools make prismatic machining from 3D data a simple task. EZ-CAM's unique integrated spreadsheet enables you to view all operation parameters at a glance, and the associative toolpath generation allows you to update your toolpaths with just a single click.

EZ-MILL Pro extends the standard EZ-MILL capabilities to meet the demanding needs of the prototype, tooling, die and mold professional. EZ-MILL Pro includes all the functionality of EZ-MILL plus surface creation and machining capabilities. 3D Surface Machining Wizard combines 12 different Roughing, Re-Roughing and Finishing strategies under a new and simple-to-use dialog box.
EZ-TURN is an advanced turning and integrated Turn / Mill programming system designed to allow both turning and milling operations to be defined directly from 3D data in one seamless environment. Turning profiles can be defined by slicing through the axis of an imported model and milling path geometry can be extracted directly from model features. Robust custom stock roughing, multi pass profiling, threading, grooving, drilling, cut-off, and bar pull operations handle the toughest turning requirements. EZ-TURN also supports multiple spindles, turrets, and coordinate systems. Canned cycles can be used to increase efficiency and reduce program length. Fully integrated milling capabilities support both C and Y axis configurations and allow standard 2.5 axis milling operations to be performed on the face or wrapped around a specified diameter. Advanced verification displays both turning and milling together in a single environment, ensuring that any mistakes are caught before they reach the shop floor.

EZ-EDM is a sophisticated 2 through 5 axis wire EDM system that can handle even the most difficult applications. Included are automatic machining strategies such as multi-pass contouring with stop, retract and cutoff options, and no-core-cut pocketing. The newly developed Punch and Die features help reduce workload by combining all task related operations into simplified and user-friendly dialogs. Convenient auto male/female part recognition plus access to every single wire movement via the motion record provides full control of taper and wire compensation registers at all times. The proven geometry interface now imports solids and surface models via IGES and STL. Extensive 3D surface creation and editing functions like the new Extract Cross Section command drastically ease the task of creating the Machining curves.
Who We Are
EZCAM Solutions Inc. is the developer of EZ-CAM’s family of CAD/CAM software systems, originally created by Bridgeport Machines in 1980. Based on its ease of use, leading-edge programming technology, and innovative machining strategies, EZ-CAM has helped over 10,000 users worldwide.

OTHER EZ-CAM MODULES AVAILABLE

FilterMAX
FilterMAX is a toolpath optimization utility that converts point-to-point G-code tool paths to tangent arc moves or NURBS, resulting in files that are up to 98% shorter. Instead of cutting thousands of linear segments, the machine will cut tangent arcs, resulting in smoother surface finishes. Small linear moves can slow down a CNC control’s processing time. FilterMAX eliminates this delay, allowing the machine to run much faster. In addition, feedrate optimization for sharp corner deceleration can be applied. Finally, the optimized code can be graphically verified one move at a time or all at once in the preview window.

TextCAM
TextCAM is an easy to use stand-alone CNC engraving software package. You can create machinable text from a variety of fonts within TextCAM, or import other artwork from art programs such as CorelDraw or Adobe Illustrator. With two clicks of a mouse, TextCAM converts your art into a DXF format. TextCAM then provides smooth continuous tool paths, no matter how many tight turns the letters may have. By using tangent arcs the CNC programs are as short as possible while maintaining a high degree of accuracy.

- Software available to all CNC Machine users
- Upgrades available for all existing EZ-CAM users
- Technical support by telephone/email/internet
- Training by experienced staff

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