

Advanced Controller

Turbo Option

For customers with demanding through put requirements, we offer the high performance Turbo option, allowing for extremely high machine speeds. The high performance Turbo option is an upgrade to the whole drive system giving you a stiffer faster cut, with very high accelerations. As most of the time spent in machining parts, is spent getting up to speed or slowing down, the acceleration or deceleration performance increase becomes the most important features for this option. You can expect to see shorter cycle times and an increase in edge quality in 2D jobs. In 3D jobs you will be able to significant decrease cycle times, because in most 3D jobs the machine is constantly in a state of acceleration/deceleration, and rarely is able to get to full speed. This option is available with our standard controller or ACS control system on only the XL series.

Control Options

Fast, affordable customization is available for ACS control system. Options such as the Rotary Axis, for machining of parts such as gun stocks or furniture legs, can easily be achieved with the Pro or Cobra Systems in combination with the ACS and the Rotary Axis. Another ACS option which is highly sought after is the programmable C-Axis for orienting an aggregate in any direction, for applications requiring such tasks as drilling on different angles.

FlexiCAM ACS Control System

15" TFT graphical display along with handwheel Multi-functional keyboard with integrated trackball
Integrated industrial PC-based on Windows XP Professional with hard disk, LAN
Advanced remote administration

Touch Screen Option for FlexiCAM ACS

Graphical User Interface

The graphical user interface is an option that can be added at time of order with your machine, or upgraded to later on. It can be a great peace of mind option for the shop that wants to be able to see in detail what is happening on the machine. As well as being a great addition to our standard keypad, it allows for added functionality such as the ability to modify G-code, job cycle reporting, maintenance reminders, and a long list of great features for making day to day operation of machine for customers requiring added detail in operation. Operation of the machine further simplified by touch screen controls.

Key Pad

When working with larger machines it isn't always convenient to have your controls fixed at the home position of the machine, especially when your machine is more than 5' long. Our keypad allows you to walk around the machine with controls in hand, for setting origin positions, park positions, material height, and having an emergency stop switch always at hand, in case of that forgotten screwdriver sitting on the table. The keypad has a backlit LCD for ease of viewing, and is designed in a simple to use format. When starting up, the operator goes through the functions on the left hand side of the controller and once he comes to the bottom key you are ready to start running a job. The keypad can display any language you choose, in case you have an operator who might be comfortable in a language other than English. Updates such as changing the language on the controller can be done remotely from our office without a visit from a technician.