

APPLICATION

A customer had a high speed rotary cutting application that required a HMI with minimal training and minimal maintenance. The cutting application has hundreds of media parameters, and the HMI was needed to store these, and allow the operator to monitor and provide adjustment to them during setup and operation.

OPERATOR INTERFACE

Cutter operation parameters are stored on the Eason with battery-backed memory, and can be retrieved easily when new set-ups are required. The bright, color touch screen display allows the operator to quickly select from 100's of media parameters during setup. This clear easy to use interface helps to keep required training time to a minimum.

GALIL MOTION CONTROL

The motion required in the application was added via Galil DMC1200 3-axis motion controller on the Eason's PC104 expansion bus. The Eason communicates internally back and forth to the controller via PC104 bus. Media parameter setups selected by the operator are then passed to the Galil. The controller then utilizes this information in its program execution, and provides feedback to the Eason for display on the HMI.

COMPLETE MACHINE CONTROL

The Eason 3100 with PC104 expansion provides the ability to scan the 72 points of digital I/O on the machine. Deterministic scans with SofLogic ladder code allowed the customer to monitor and react to many operational items. With HMI, integrated motion, and internal SoftLogic, the result with the Eason 3100 was a complete Machine Control station.

