DRAKE CS:R
CONTROL SYSTEM RENEWAL

Drake's CS:R package is an economical way to return machines which are still good mechanically, but have failure-prone controls, to higher productivity. With the Drake CS:R, you'll get complete parts and service support for your CNC controls.

THE PROCESS

After engineering visits, Drake will design and assemble the required electrical sub-panels, CNC, and servo motor adapter plates. This design eliminates the X-axis bearings and Z-axis gearbox, if applicable to your machine. When the Drake team arrives for installation, the existing control, motors, and other components are removed with the assistance of your personnel. Drake personnel then install the new components, electrical control, and programming. Once debug is complete, your operators are trained on any new programming.

All work completed by Drake technicians will be in full compliance with IEC, ISO, and NFPA-79 requirements. We provide new, updated Drake PartSmart™ menu-driven thread grinding programming for easier operation and setup; new thread forms and features; inch/metric conversions, and better control of the grinding and dressing process. Your current custom routines and thread form functionality can be converted to the new control.

Drake technicians install the CNC Re-Control System, start-up the machine, and provide training for your designated personnel. All activities are coordinated in advance to accommodate production scheduling and minimize downtime.

DRAKE MANUFACTURING
Service Hotline: 1-330-847-7291 | service@drakemfg.com
4371 North Leavitt Road | Warren, Ohio 44485
330-847-7291 | drakemfg.com

Drake's Basic Control System Renewal package includes:

- **New electrical panel:** includes all CNC hardware and supporting components, new circuit breakers and motor starters for existing hardware on the machine. The old electrical panel will be used as a junction box to connect the new electrical panel to the existing machine.
- **New servo motors** including power and feedback cables
- **New CNC** mounted in the existing operator console
- **Drake master thread grinding software**
- **Drake ladder software**
- Optional **linear glass scales** with an air purge system