

# RETRO SYSTEMS

## Machine Mounted *EDGE Pro*<sup>TM</sup> CNC Control With Twelve Station Operator Control Panel

### Description:

The *EDGE Pro* CNC control uses *Phoenix*<sup>TM</sup> motion control software designed specifically for the metal cutting industry by Hypertherm, the world leader in plasma cutting technology.

The *EDGE Pro* CNC control with 15" TOUCH SCREEN is mounted into the upper section of the Retro Systems machine mounted control cabinet as shown in the image to the right. The lower section of the cabinet includes a (12) station operator control panel and an industrial keyboard in a roll out drawer.

CNC files may be transferred to the control using the USB port or RJ45 network connector.

With unparalleled ease of use, the *Phoenix* screens prompt the operator to select material type, material thickness, cutting amperage and gas selection from the CUT CHART screen. Process Parameter tables within the *Phoenix* software set and control cutting process and motion control variables delivering Total System Integration.

The control fully supports Hypertherm **True Hole technology** when configured with an HPRXD plasma system and MTC ProNest programming software.



Machine mounted *EDGE Pro* CNC control

### CNC Console features:

Operating system	Windows® XPe
Axis count	2 to 12
Inputs / Outputs	1,024 user definable (512 In / 512 Out)
Hard drive	SATA drive, ≥120GB
Memory	≥1GB
Display	15" glass TOUCHSCREEN (surface acoustic wave technology)
USB interface	Two USB 2.0 ports
Drive interface	SERCOS Fiber Optic
Operator control panel	(12) Station control, E-Stop, Speed pots, UP/DOWN switches, Station select switches, Eight position job button, Plasma ON/OFF, Laser pointer ON/OFF, Oxyfuel process control switches
Input devices	Industrial keyboard with pointing device in roll out drawer
SENSOR THC	(6) maximum
Temperature range	-10° C to 40° C ambient (14° F to 104° F ambient)
Warranty	Two-year warranty standard
Operating voltage	100 – 240V, 50/60 Hz
Software	Part Program Support (PPS), Remote Help, networking, HPRXD Autogas support, DXF import, and simple shape nesting