

# RETRO SYSTEMS

## Machine Mounted *MicroEDGE*™ CNC Control Console

### Description:

The *MicroEDGE* CNC control uses *Phoenix*™ motion control software designed specifically for the metal cutting industry by Hypertherm, the world leader in plasma cutting technology.

CNC files may be transferred to the control using the Floppy Drive, CD-ROM/DVD, USB port or RJ45 network connector.

The 15" TOUCH SCREEN is mounted into the left side of the inclined console face plate. Placement of oxy-fuel and plasma operator controls and switches is machine configuration dependent.

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.

With 68 shapes in the library, Point & Click import of CNC files from a network or memory stick, on-screen basic nesting and the power of a PC running Windows XP Embedded, the Retro Systems CNC control is ready for production.



### CNC Console features:

CNC software	Hypertherm <b>Phoenix</b> CNC software
Operating system	Microsoft <b>Windows XP</b> ® - Embedded Version
Processor & memory	Intel 2.4 Ghz or greater, 512 Megabytes RAM
Hard drive	60.0 Gigabyte Hard Drive or greater
Monitor	Panel mounted 15" Touch Screen monitor
Drives	1.44 Megabyte Floppy Drive, CD-ROM/DVD
RFI/ EMI shielding	Machine side Opto-Isolation: grounding
I/O	24 Lines of user definable Interface Signal ( 12 In / 12 Out )
Supportable axes	Standard 2; expansion up to 4, Additional with optional SERCOS interface
Interface	PS2 Keyboard & Mouse, 5 – 2.0 USB, Parallel Port, RJ-45 Network Port
Shape library	68 shapes including text
Work surface	Large heavy gage steel desk top
Power	115VAC single phase