

# RETRO SYSTEMS

## Remote Pedestal CNC Control Console and Phoenix software

### Description:

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

Our open architecture PC enables the use of a standard ELO 15" touch screen monitor and an industrial keyboard with built-in mouse. CNC files may be transferred to the control using the Floppy Drive, CD-ROM/DVD, USB port or RJ45 network connector.

The 15" ELO touch monitor is mounted into the left side of the inclined console face plate. Oxy-fuel and plasma operator controls and switches are mounted on the right side of the face plate. A roll out storage drawer is placed conveniently under a large desk top work surface. All side panels of the console are removable to access the servo drive amplifiers and rear connections to the PC.

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.



Remote Pedestal CNC Control Console  
(shown with optional light stick &  
wireless remote control)

### CNC Console features:

CNC software	Hypertherm Phoenix CNC software
Operating system	Microsoft Windows XP® - Embedded Version
Processor & memory	Intel 2.4 Ghz or greater, 512 Megabytes RAM
Hard drive	40.0 Gigabyte Hard Drive or greater
Monitor	Panel mounted ELO 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; Optional expansion of up to 4 Axes
Interface	PS2 Keyboard & Mouse, 5 – 2.0 USB, Parallel Port, RJ-45 Network Port
Shape library	68 shapes including text
Work surface	¼" gage steel desk top
Storage	Sliding drawer under desk top
AC Servo drives	2, 3 or 4 axis, 600Watt to 1,350Watt (cutting machine model dependent)
Power	115VAC or 230VAC single phase (cutting machine model dependent)