

# RETRO SYSTEMS

## Heavy Duty Oxy-fuel Package with Operator Control Panel & Gas Panel

### Description:

The Retro Systems Heavy Duty Oxy-fuel Package enables high quality plate cutting by delivering precise control of the preheat flame and the cutting oxygen ramp up rate. This package delivers rapid pierce times, excellent cut face surface, reduced spatter during piercing, elimination of top edge rounding and optimized cutting speeds.

High preheat fuel and oxygen pressures are set at the cylinder regulators, while low preheat fuel, low preheat oxygen and cutting oxygen pressures are set at the gas manifold. The rate that cutting oxygen pressure increases during the pierce is set by the Pierce Rate Control knob.

The Ox-fuel Operator Panel includes switches to manually select the plasma, oxy-fuel or marking process. Once selected, the oxy-fuel cutting process may be controlled automatically by the CNC control or manually by the switches on the panel.

### Package includes:

- Hi / Low Preheat Gas Control Panel
- Operator control panel
- Interface control module

### Hi/Low Preheat Gas Control Panel:

- Pressure regulators for low preheat fuel, low preheat oxygen and cutting oxygen
- Pressure gauges for low preheat fuel, low preheat oxygen and cutting oxygen
- Pierce rate control for Ease-On cutting oxygen



Hi / Low Preheat Gas Control Panel with Ease-On Pierce Rate Control

### Operator Control Panel:

- Emergency Stop Button
- Plasma / Oxy-fuel Process switch
- Preheat On/ Off switch
- Hi / Low Preheat switch
- Cut On / Off switch
- Auto Ignition switch
- Marker On/ Off switch
- Station On/ Off
- Station Up/ Down
- Control permits up four total stations



Operator control panel for (4) stations

### Applications:

- Heavy duty oxy-fuel machine torch cutting