

Digital Oxy-fuel Gas Manifold

DESCRIPTION:

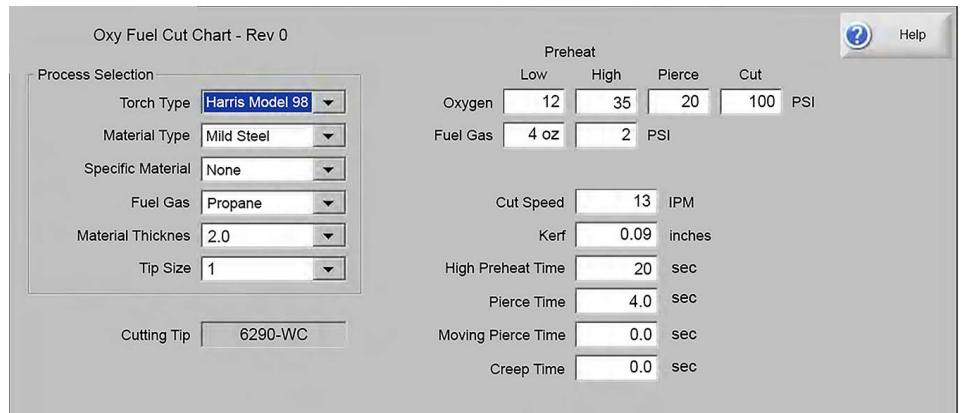
The digital oxy-fuel gas manifold, in conjunction with the process cut charts embedded in the Hypertherm Phoenix CNC control software, allows the oxy-fuel process parameters to be automated. Gas pressures, event timing, cutting speed and kerf width are controlled by the cut charts. Pressures are controlled by pilot operated regulators and electro-pneumatic regulators eliminating the need for manually adjusted regulators. Once set up, a cut chart is saved for retrieval in the future.

FEATURES:

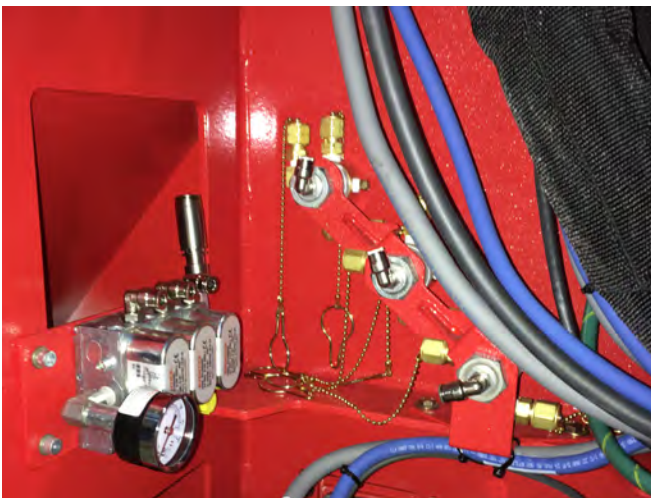
- Phoenix cut charts
- Electro-pneumatic regulators
- Pilot operated regulators
- Solenoid valves for each gas

TYPICAL APPLICATION:

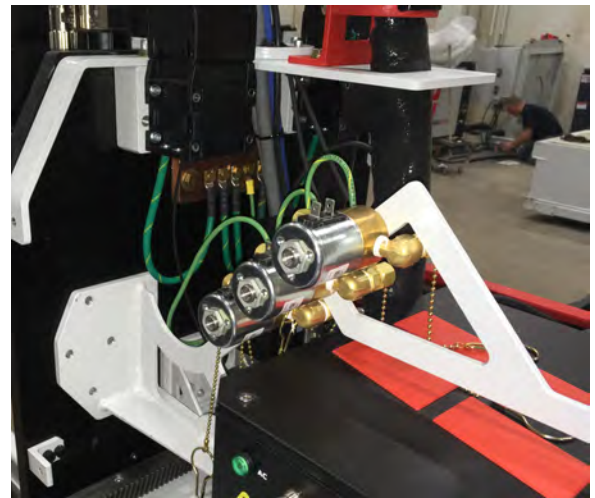
- Heavy duty oxy-fuel cutting



Hypertherm Phoenix software oxy-fuel cut chart



Pilot operated regulators and electro-pneumatic regulators inside machine frame end truck



Solenoid valves for cutting oxygen, preheat fuel and preheat oxygen are mounted behind the tool carriage