

IHT FIT + three cutting torch

DESCRIPTION:

The IHT FIT + three is an innovative oxy-fuel machine cutting torch with integrated torch to plate height sensing and integrated torch ignition. When used in conjunction with the KANO™ HD Digital Oxy-fuel Gas Manifold, the oxy-fuel cutting process is totally automated.

The KANO™ 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 fully 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.

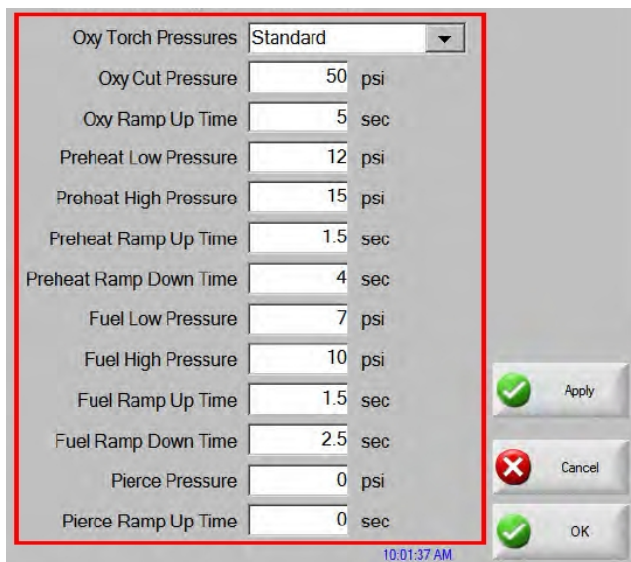
- No external probes to sense torch to plate height!
- No external ignition system to light the torch!

FEATURES AND BENEFITS:

- Increased cut quality
- Tool-free nozzle replacement
- Integrated control valves for preheat heat oxygen and fuel gas
- Built in pressure gauge for cutting oxygen
- Flashback detection for safe operation

APPLICATIONS:

- Cutting to 4" using fully automatic height control and automatic ignition



Screen from Phoenix oxy-fuel cut chart



IHT FIT + Three machine torch