



Oxy-Fuel
Ignition system

This Oxy-fuel ignition system is designed to be used with cutting machines fitted with either propane or acetylene torches. It is fully compatible with the following IHT Oxy-Fuel control systems: CSC 500, M 4000 CAP, M 4000 ISC and M 4000 TWIN.



Oxy-Fuel Ignition System

High productivity

as a result of integrated automatic ignition system

- When used in multi-burner systems, process times can be reduced
- Reduced gas consumption
- Available for both propane and acetylene torches

Increased reliability

- Increased distance to the torch tip possible
- Gas ignition burners protected from slag
- No high voltage ignition required
- Gas supply mechanically protected

Simple installation and commissioning

thanks to a fully integrated design

- System components are selected for full compatibility.
- Simple connection to CNC control system
- No oxygen supply necessary
- 24V signal for ignition

Specification:

Gas Connection: 1/4" LH-ÜM (left hand thread)

Ignition burner supply: 24V / 0.5A

Solenoid valve: ¼", 6 bar, Supply 24V DC

Ignition burner clamp: for torch diameters 32-50mm

Ordering information:

Type	Description		
100927	Basic system for Propane torches Consisting of: Ignition burner propane Ignition transformer 24 V DC Ignition power cable 1.2m Ignition/ground cable 1.4 m Gas hose 1.2 m Flashback arrestor Control valve Ignition burner support	100926	Complete ignition system for Propane torches Same as 100927 and additionally: Solenoid valve propane 24 V DC incl. Plug T-connector 3/8" for connecting ignition system to fuel gas supply
100928	Basic system for Acetylene torches Same as 100927 but with: Ignition burner acetylene	100925	Complete ignition system for Acetylene torches Same as 100928 and additionally: Solenoid valve acetylene 24 V DC incl. Plug T-connector 3/8" for connecting ignition system to fuel gas supply



IHT Automation
Bahnhofstrasse 63
76532 Baden-Baden, GERMANY
Tel.: +49 7221 3 94 19-0
Fax: +49 7221 3 94 19-70

Ignition System
02/2013 Subject to changes without notice

info@iht-automation.com
www.iht-automation.com