

## AUTOMATIC FIRE SUPPRESSION SYSTEMS



Items of plant are not only expensive but invariably crucial for completing specific business critical tasks.

A fire in a machine can prove costly and leave you unable to effectively operate whilst awaiting a replacement.

In addition to the potential cost of repairing or replacing fire damaged plant there is also a risk to the surroundings. It is not unusual for plant to work within relatively confined surroundings or in close proximity to buildings.

There is also a risk to personnel especially when working in confined spaces or extreme environments. Fortunately, Firetrace<sup>®</sup> has the answer with a range of simple fire suppression systems suitable for protecting all types of plant and machinery from the ever present risk of fire.

The systems are available in a variety of configurations and with a choice of extinguishants ideal for protecting diesel, petrol and LPG machines. Special non-conductive liquefied gases are also available for the protection of both the batteries and respective chargers associated with electric powered vehicles.

## Large Plant Application Protection

### The Firetrace<sup>®</sup> Solution

Firetrace<sup>®</sup> has a range of Automatic Fire Suppression Systems ideal for protecting all types of large plant and machinery.

The systems use our unique patented linear detection tubing which is installed throughout the risk area.

The tubing can not only quickly and accurately detect a fire but also extinguish it before it can damage adjacent components.

The systems do not need complex electronic detectors or panels and operate simply using pneumatics.

This alleviates the need for separate power supplies or battery backups and also make the entire systems fail safe with minimal moving parts.



**All Systems CE  
& Fully PED  
Compliant**

**Simple Automatic  
Fire Protection,  
No Complicated  
Electronics**



## AUTOMATIC FIRE SUPPRESSION SYSTEMS

### So how does it work?

Firetrace<sup>®</sup> systems use our patented linear detection tubing which is installed through the risk area and connected to the cylinder. The tubing is charged with nitrogen and this pressure is utilized to hold back the extinguishant in the cylinder.

Should a high temperature or fire occur, the pressurised tubing will burst and the extinguishant will be deployed directly from the burst hole on to the seat of the fire.

On some applications, when the tube ruptures, the extinguishant is discharged directly on to the fire via plumbed diffusers.

A pressure switch should also be added to the system and is held in state by the pressure. Should the tubing burst or pressure lost, the switch will change state. This signal can be used to either shut down the plant and/or activate a local alarm.



### Why choose Firetrace<sup>®</sup>?

Firetrace<sup>®</sup> offer affordable suppression systems to protect engine bays, hydraulic systems and electrical panels on machinery.

The Firetrace<sup>®</sup> systems react quickly, minimise expensive damage and downtime by not only detecting the fire but extinguishing it at source.

The systems use small amounts of extinguishant and can be fitted in a convenient location on the machinery. The systems can be easily retrofitted to existing equipment and avoid the need for complicated detectors and electronics.

**All Firetrace<sup>®</sup> systems are CE marked and manufactured under our ISO9001:2015 quality system**

Firetrace<sup>®</sup> has been manufacturing suppression systems for over 25 years and has vast experience in the Fire industry. We have a number of documented success stories where the systems have both detected and extinguished fires with little or no damage to the equipment.

Firetrace<sup>®</sup> offer a full design, installation and aftersales service and are recognised by most major insurers.



## STOP FIRES WHERE THEY START

