

FIRETRACE[®] LTD

AUTOMATIC FIRE SUPPRESSION SYSTEMS

STOPS FIRES WHERE THEY START

Large Plant & Machinery Protection

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[®] has the answer with a range of simple flexible fire suppression systems suitable for protecting all types of plant & 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 & LPG machines.

Special non-conductive liquefied gases are also available for the protection of both the batteries & the chargers associated with electric powered vehicles.



Tube Burst

The Firetrace[®] Solution

Firetrace[®] has developed 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.

This 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 makes the entire system fail safe with minimal moving parts.



An indirect Dry Powder System discharging



Our Indirect Low Pressure Range





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So how does it work?

Firetrace[®] systems use the patented linear detection tubing which is installed throughout risk area. The tubing is then charged with nitrogen and this pressure is utilised to hold back the extinguishant in the cylinder.

Should a high temperature or fire occur then the pressurised tubing will burst and the extinguishant will be deployed directly from the burst hole onto the fire.

On larger applications when the tube ruptures the extinguishant is rapidly discharged directly on to the fire via dedicated plumbed diffusers.

A switch can also be added to the system and is held closed by the pressure. Should the tubing burst or the pressure be lost for any reason then the switch will open and this signal can be used to isolate the power and/or raise an alarm.



Why Choose Firetrace[®]?

Firetrace[®] offer affordable suppression systems to protect engine bays, hydraulic systems and electrical panels on machinery. The Firetrace[®] system reacts quickly, minimising expensive damage and downtime by not only detecting the fire but extinguishing it at source.

The Firetrace[®] systems use small amounts of extinguishant and can be fitted in convenient locations on the plant or machinery. The Firetrace[®] systems can be easily retrofitted to existing equipment and avoid the need for complicated detectors and electronics.

All Firetrace[®] systems are CE marked and manufactured under our ISO 9001:2008 quality system.

Firetrace[®] has been manufacturing suppression systems for over 20 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[®] offer a full design, installation and after sales service and are recognised by most major insurers.



**All Systems
CE & Fully PED
Compliant**

**Simple
Automatic
Fire Protection.
No complicated
electronics**

