FIRETRACE® LTD

AUTOMATIC FIRE SUPPRESSION SYSTEMS

STOPS FIRES WHERE THEY START

Agricultural Machinery

Modern agricultural machinery is both highly advanced and highly valuable.

The loss of a machine even for a short period of time can be very costly and may involve the need for additional labour and large hire expenses.

Fire is an ever present risk for these machines and not only can it severely damage equipment but can also pose a threat to the operators, the crop and to other nearby vehicles. The risk can be even greater when working in confined areas like poly-tunnels, barns or grain stores where fire can spread rapidly and egress is not always straight forward.

With machinery operators in modern air conditioned cabs it is not always easy to quickly spot a problem and once a fire has become established it can be very difficult or impossible to control using hand held extinguishers.

Tube Burst

The Firetrace® Solution

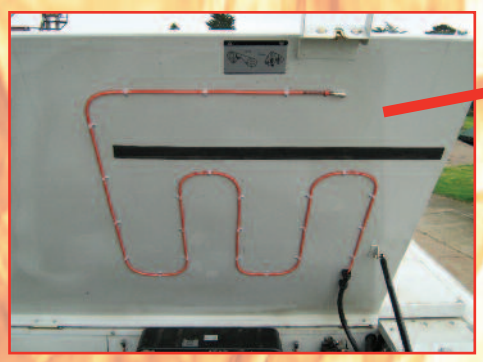
Firetrace® has developed a range of Automatic Fire Suppression Systems ideal for protecting most types of small farm machinery. The Firetrace® systems use our unique patented linear detection tubing which is installed throughout the risk area.

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

The Firetrace® 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.

A sad site seen in so many fields so often



Trace Detection tube around and above the engine and hydraulic area

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CE 0879

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So how does it work?

Firetrace® systems use the patented linear detection tubing which is installed throughout the risk area and connected to the cylinder valve. 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®?

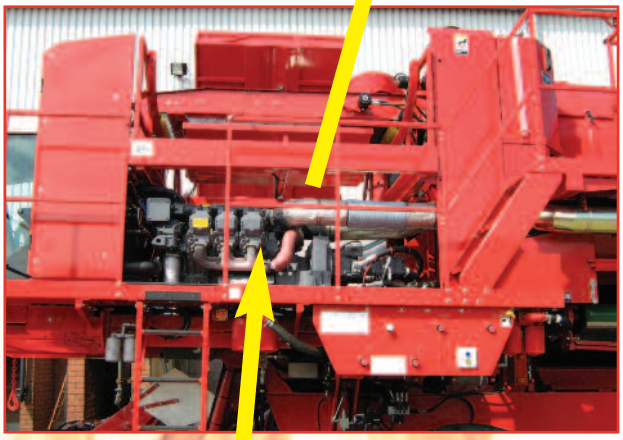
Firetrace® offer affordable suppression systems to protect engine bays, hydraulic systems and electrical panels on machinery. The Firetrace® system reacts quickly, minimising expensive damage and downtime by not only detecting the fire but extinguishing it at source.

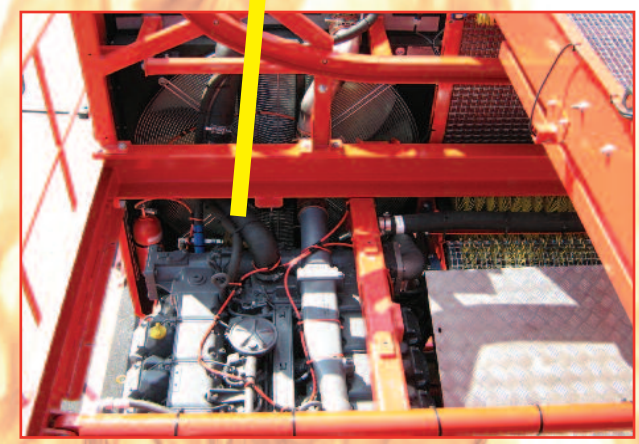
The Firetrace® systems use small amounts of extinguishant and can be fitted in a convenient location on the farm machinery. The systems can be easily retrofitted to existing equipment and avoid the need for complicated detectors and electronics.

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

As Featured on Farming Diary 1991

VISIT OUR WEBSITE TO SEE THE FULL RANGE OF FIRETRACE® SYSTEMS

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