

COMPLETE FIRE SUPPRESSION SYSTEMS FOR MOBILE EQUIPMENT

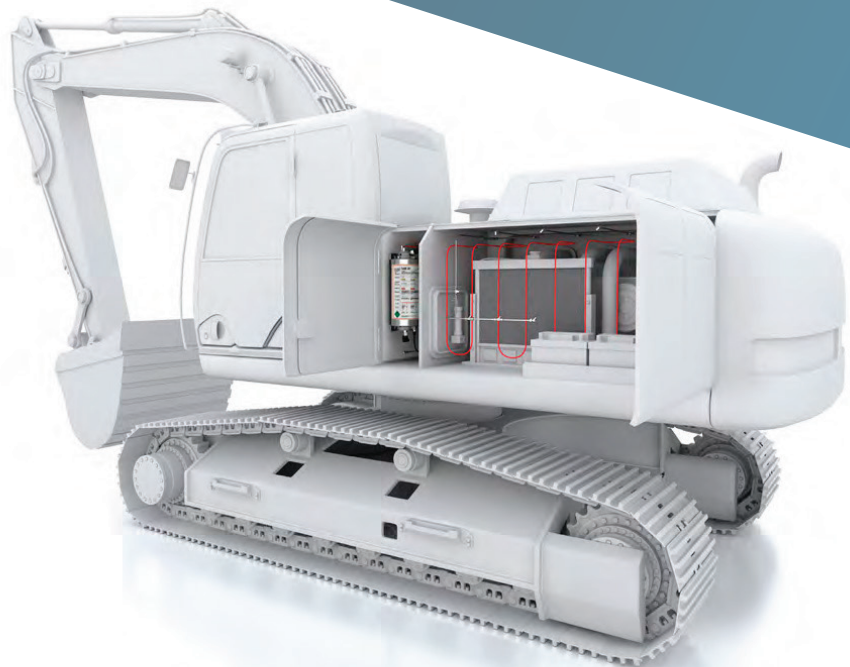
COMPACT LINE systems use a proprietary linear sensor tube that reliably detects a young fire and actuates release of the extinguishing agent using pneumatic technology. It is more flexible, space efficient and cost effective versus alternative mechanical or electronic systems.

KEY FEATURES

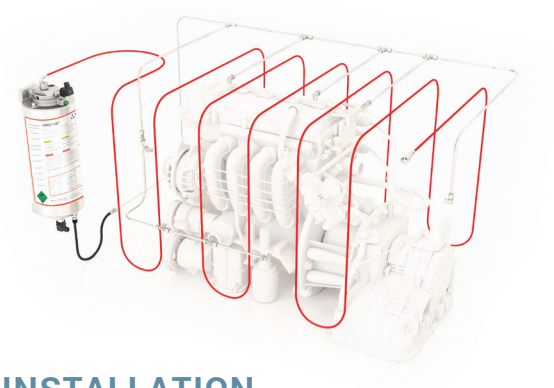
- Automatically detects and extinguishes mechanical fires
- Installs directly INSIDE the motor compartment, closer to where a fire would start
- Protects passengers and valuable equipment
- Easy / flexible installation
- Quick & effective suppression
- Highly dependable

APPLICATIONS

Designed for all off-road equipment applications



DESIGNED FOR ALL OFF-ROAD EQUIPMENT APPLICATIONS



INSTALLATION

1. Quick & Easy installation directly inside engine compartments:

The flexible sensor tubing and discharge subsystem are easily installed directly above and around the engine - closer to where a fire could start. The cylinder can be mounted anywhere outside the protection zone. When in service, the sensor tubing is pressurised with dry nitrogen to 16 bar. The dynamics of pressurization make the tubing more reactive to heat.

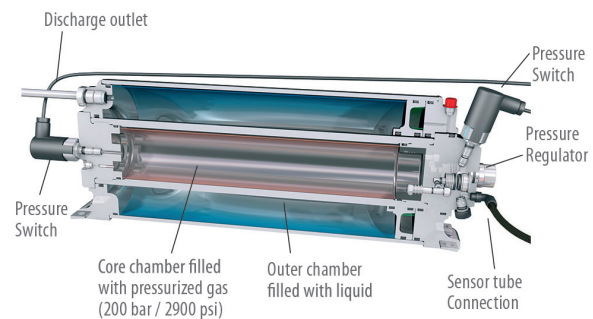
2. Early fire detection:

If a fire occurs, the heat of the fire causes the pressurised sensor tube to burst at the hottest spot (approx. 110°C)

3. Instant suppression:

The sudden tube depressurisation actuates the special pressure differential valve and instantly floods the entire engine compartment with FireDETEC TS55 ea extinguishing agent. The fire is quickly suppressed just moments after it began, minimising damage and downtime.

CRITICAL ZONES TO PROTECT: ENGINE, HYDRAULICS MOTORS



Patented dual chamber cylinder

- More robust to withstand vibrations
 - Allows vertical or horizontal mounting
 - Superior safety and leak protection
- Safer operation: the high pressure chamber is protected in the inner core
 - When activated, the pressurised gas is released into the outer chamber forcing against a piston
 - The piston pushes the extinguishing liquid out through the discharge tube
 - A built-in pressure regulator ensures a constant and sustained discharge to help prevent reignition



The Compact Line Fire Suppression System for forest and construction vehicles has earned FA 127:16 certification. Finland Finance (FA) FA 127:16 is one of the most recognised certifications for any off-road vehicle protection system.

FOR MORE INFORMATION:

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