



Rotarex Firetec Fire Protection Solutions

INEREX® Fire Suppression Systems - Protecting people and the environment

INEREX is UL listed and FM approved, meaning that it has been extensively tested and certified to meet Australian and global industry regulations.

The INEREX system harnesses nature to fight fire by using naturally occurring gases, including nitrogen and argon, to cut off a fire's oxygen supply within seconds without the use of chemicals or liquid. It is also completely safe for human occupants and has no ill effects on the environment, should the system be discharged during an evacuation.

The solution's safety and environmental features make it suitable for highly sensitive environments where electronic equipment or delicate assets are held, such as data centres, server rooms, museums and historic archives. As there are no toxic chemicals, by-products or residues, INEREX is a non-reactive, non-corrosive, clean and safe fire suppression solution.

INEREX systems feature constant-flow pressure regulator technology that modulates the discharge pressure to a constant 40-60 bar dynamic pressure. This still delivers the design concentration within 60 or 120 seconds but with significant performance and cost benefits. The regulator technology also helps to prevent freeze-up and excessive agent discharge force.

INEREX is easier to install due to smaller diameter piping and reduced pressure relief vent areas. The system can also be function tested while the system is armed and post-discharge refilling does not require reconditioning or replacement of the cylinder discharge valve.



Object Protection Solutions

FireDETEC® Local Applications Range

The FireDETEC range of fire protection systems are designed to safeguard high-risk equipment in industrial and manufacturing environments which can be susceptible to fires due to electrical overheating, short circuits, system overload or mechanical friction.

FireDETEC fire suppression systems feature a pneumatic detection tube that can be fitted directly inside or around compact equipment enclosures to automatically detect and suppress fire at its source. The pressurised sensor tubing is highly reactive to heat, meaning that in the event of a flame-up, the sensor tube bursts to release an extinguishing agent that quickly and effectively suppresses fire. Digital sensors monitor extinguishing cylinder levels in real-time and send alerts if a leak is detected. Rotarex Firetec also offers the DIMES - Digital Measurement System that monitors the CO2 level in real-time. If the contents ever fall below a preset level—such as in the event of a leak—a warning signal will be sent. DIMES also simplifies annual maintenance, reducing downtime and enhancing efficiency.

“Regardless of industry or business type, an unexpected workplace fire can pose a serious risk to the life and safety of workers, and may result in extensive damage to valuable equipment and property. Fires can also have a significant impact on production and economic output; business operations can feel the effects of a fire long after it has been extinguished, particularly if important assets are lost “

Justin Morris, Technical Director, Wormald

The FireDETEC system range includes:

- FireDETEC Dry Chemical
- FireDETEC Fume Hood
- FireDETEC Wind Turbine
- FireDETEC CNC Monitors

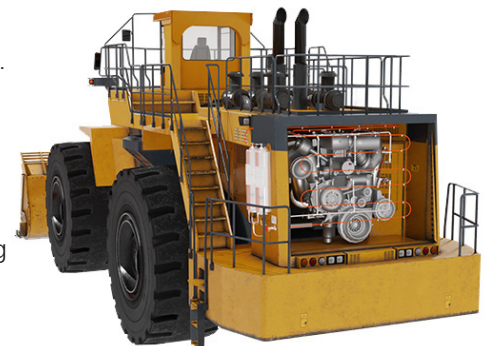
Rotarex COMPACT LINE Vehicle Engine Fire Suppression Systems

The COMPACT LINE system is designed to protect mobile and transportable equipment, such as buses, light vehicles, and small mobile plants, such as generators or compressors, by detecting and suppressing fires inside the confines of vehicle engine compartments. The system, which is easy and flexible to install, features a continuous pressurised detection tube that reliably detects fire and then causes the storage cylinder to release a choice of extinguishing agents. The vehicle operator is also notified of a fire condition by an automatic warning signal to help protect valuable equipment and allow any operators or passengers on board to safely evacuate.

The system is one of the most compact systems on the market. It has the capability to protect engine compartments up to 4m³ using just four litres of extinguishing agent, available as an environmentally friendly foam concentrate or a biodegradable liquid-based water mist that contains glycol-free antifreeze.

The system is also available with a choice of detection systems, pneumatic detection tubing or linear heat (electronic) detection. Both detection methods will quickly suppress a fire within moments, minimising damage and downtime. Compared to alternative mechanical or electronic systems, the system offers a more flexible, space efficient and cost-effective solution.

Apart from compact size and simple operation, it offers maintenance advantages when installed. System cylinders can be refilled in the field, reducing the cost and downtime that can be associated with system recharging and general maintenance. Wormald can supply spare parts to your preferred service provider to ensure your entire fleet is always protected.



WORMALD®

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