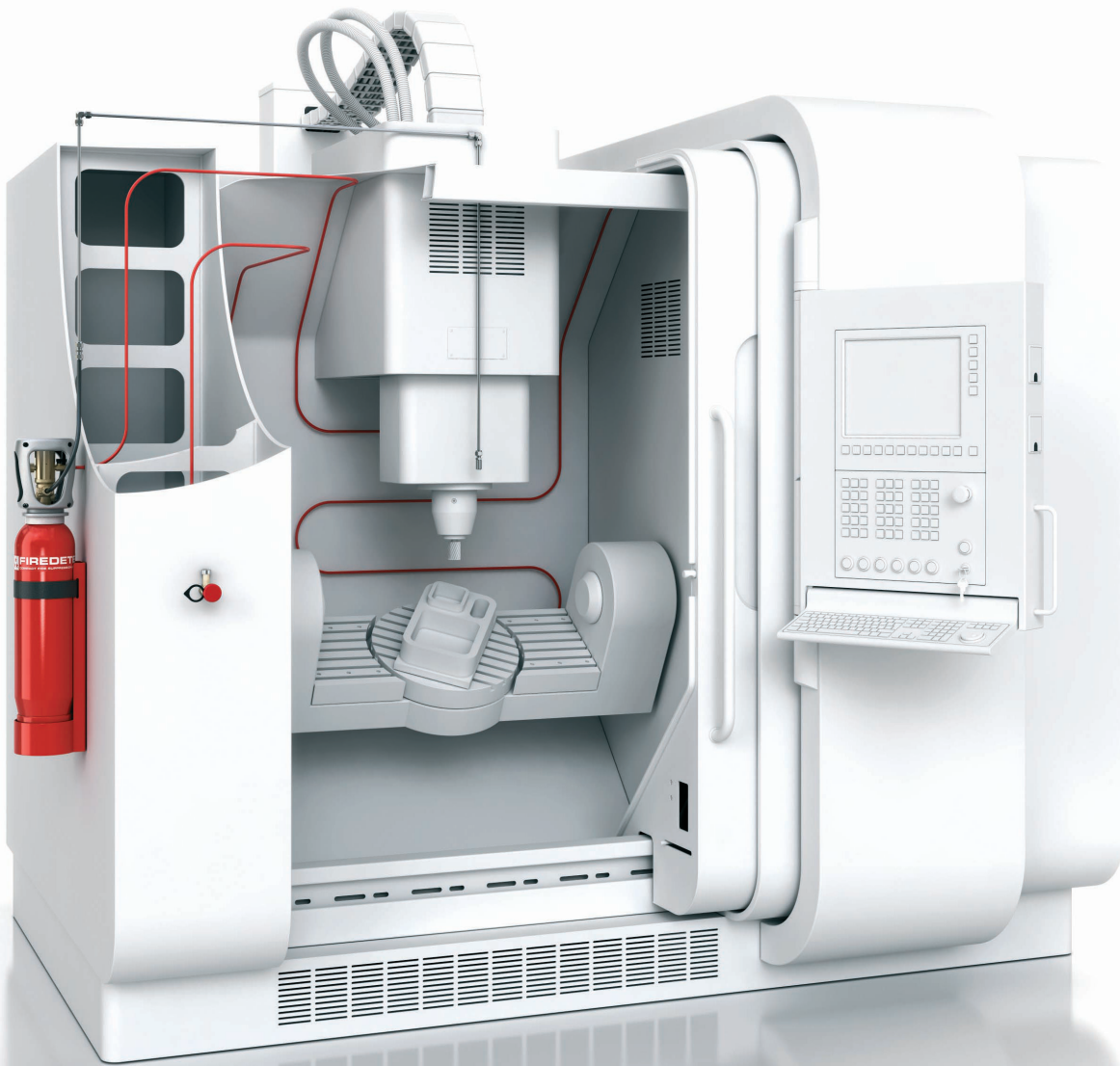




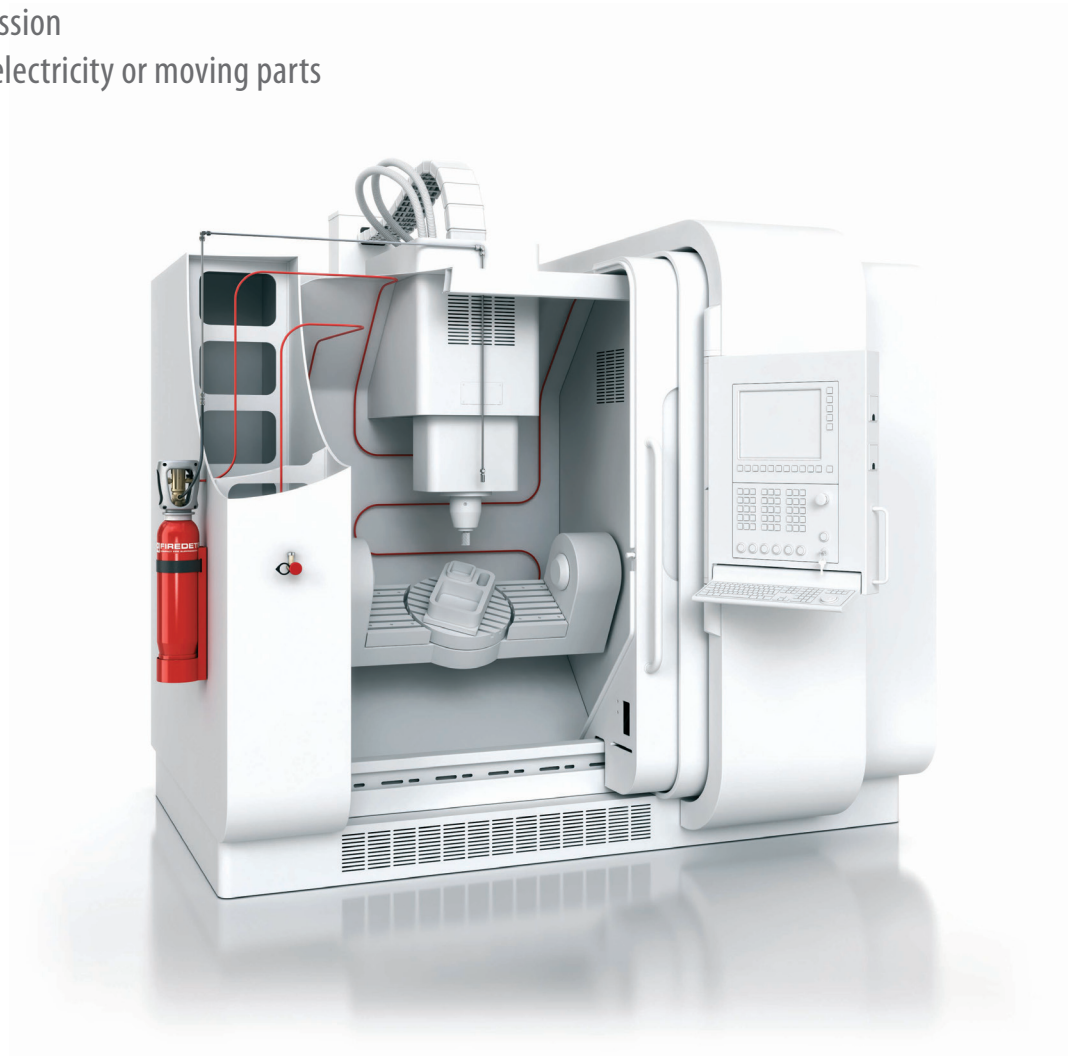
**ROTAREX**  
FIRETEC



COMPLETE SYSTEMS FOR CNC MACHINES

# A COMPLETE DETECTION & SUPPRESSION SYSTEM PRE-ENGINEERED FOR CNC MACHINES

- ★ Easy / Flexible installation
- ★ Quick & Effective suppression
- ★ Highly Dependable: no electricity or moving parts
- ★ Highly economical



## EVERYTHING YOU NEED TOGETHER IN ONE BOX



## REDUCES EVEN THE MOST CRITICAL CNC MACHINES FIRE RISKS:

- Combustion of oil residues or machined metals due to coolant system malfunction, tool breakage or improper maintenance.
- Extensive machine repair
- Late orders due to downtime
- Extensive cleanup if sprinkler system actuates

# THE FIREDETEC® DIFFERENCE

Rotarex FireDETEC® systems use a proprietary continuous linear sensor tube that reliably detects 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.



### 1. Quick & Easy installation directly inside CNC machines:

The flexible sensor tubing is easily installed directly on the walls and roof of the machining enclosure.

When in service, the tubing is pressurized with dry nitrogen to 16 bar. The dynamics of pressurization make the tubing more reactive to heat.

### 2. Early fire detection:

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

### 3. Instant suppression:

The sudden tube depressurization actuates the special pressure differential valve and instantly floods the entire cabinet area with CO<sub>2</sub> extinguishing agent. The fire is quickly suppressed just moments after it began... minimizing damage and downtime.

## CHOOSE FROM 3 SUPPRESSION AGENTS : A MATTER OF PREFERENCE



	CO <sub>2</sub>	DUPONT FM-200® AGENT	3M™ NOVECT™ 1230 FLUID
<b>Performance</b>	Excellent	Good	Good
<b>Advantages</b>	No residue Non-reactive Economical All Natural Prevents re-ignition Medium Pressure (60 bar)	No residue - safe for electronics Non-reactive / Non-corrosive Most globally-proven clean agent Good Environmental profile Safe to use in occupied areas Compact Cylinder Low pressure (16 bar)	No residue - safe for electronics Non-reactive / Non-corrosive Increasing popularity Good Environmental profile Safe to use in occupied areas Compact Cylinder Low pressure (16 bar)

3M and Novect 1230 are trademarks of the 3M company

**WORLDWIDE HEADQUARTERS**

24, rue de Diekirch, BP 19  
L-7505 Lintgen  
Luxembourg  
Tel.: +352 32 78 32-1  
Fax: +352 32 78 32-854  
E-mail: [info@firetec.rotarex.com](mailto:info@firetec.rotarex.com)

## OTHER AVAILABLE PRE-ENGINEERED SYSTEMS:

### ELECTRICAL CABINETS



### FUME CABINETS



### COMMERCIAL KITCHENS



### VEHICLE ENGINES

