

EXTINGUISH BEFORE A FIRE
BREAKS OUT

PROTECTING YOUR EXTRACTION SYSTEMS IN THE WOOD INDUSTRY

In the wood industry, dust is unavoidable and is systematically sucked into a baghouse. Wood processing requires production tools that can generate heat due to mechanical action or machine failure, such as the breakage of a cutting insert, contact with foreign bodies, etc. Drawing in such a source of ignition via the pneumatic conveying ducts, combined with the dust and oxygen in the air, provides all the conditions needed to start a fire or even cause an explosion in the filter.

GreCon solutions detect and extinguish these sources of ignition before they reach the dust collector.

The silo and skips are also danger zones and must be protected at the filter intake. They can be supplemented by temperature monitoring in the filter or the clean air section for early detection of fire outbreaks.



WOOD
PANELS | FURNITURE

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WOOD PANELS | FURNITURE

WHY GRECON?

- GreCon invented the spark and hot spot detection and extinguishing system for preventive fire protection.
- We have **50 years of experience** as a provider of **turnkey solutions**.
- More than **300,000 installations** around the world.
- Our locations and representatives around the world offer you reliable support and service.
- Our systems meet the most stringent regulatory standards.



YOU BENEFIT FROM:

- **Extinguishing** all sources of ignition.
- **Avoiding** fires or explosions.
- **Avoiding** injury and material damage.
- **Maximising** the availability of your process.



1 FM 1/8 DETECTOR
High-sensitivity spark and ignition source detector.

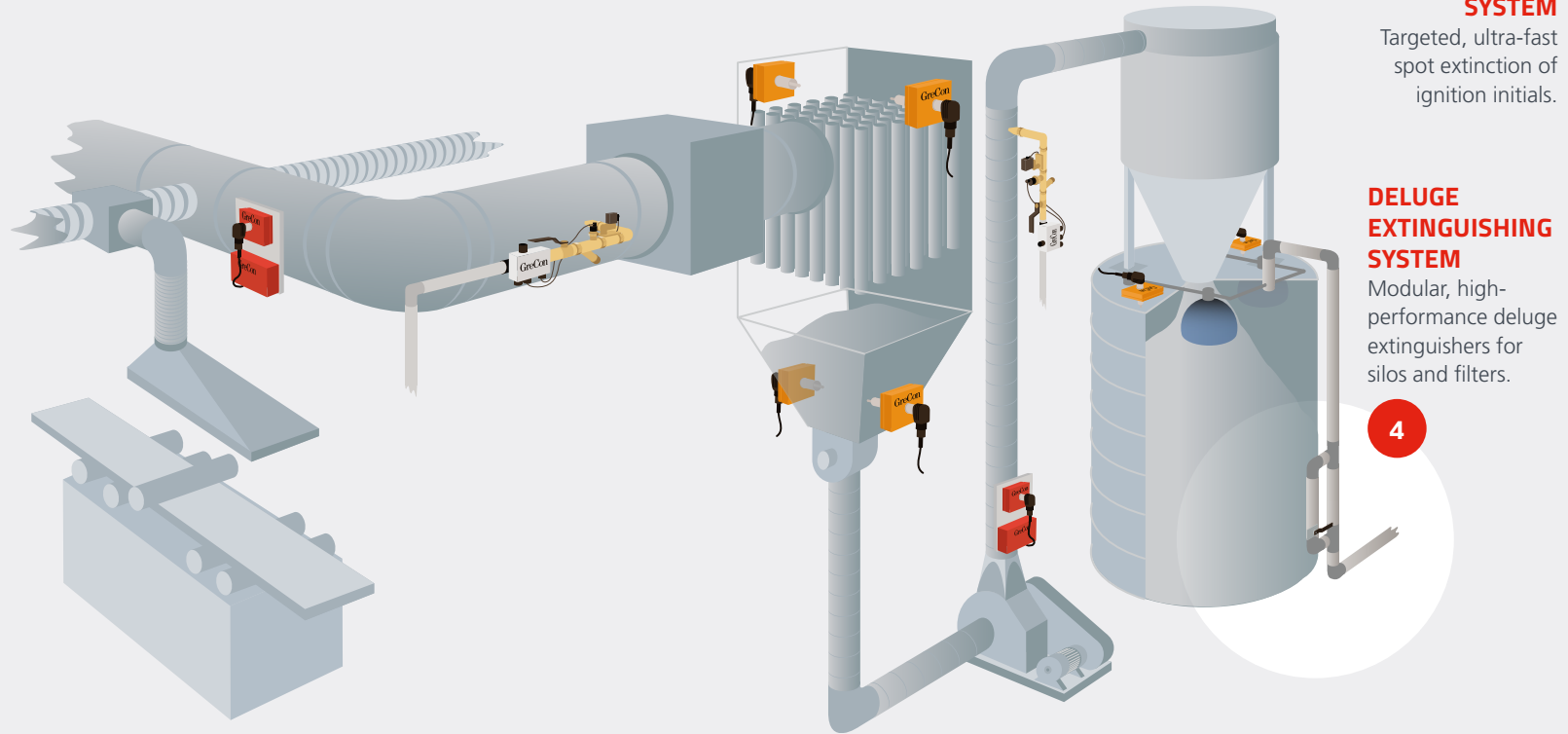


2 TM 1/9 DETECTOR
High-performance thermo-velocimetric temperature sensor.



3 EXTINGUISHING SYSTEM

Targeted, ultra-fast spot extinction of ignition initials.



DELUGE EXTINGUISHING SYSTEM

Modular, high-performance deluge extinguishers for silos and filters.

FIRE PREVENTION PROBABILITY REDUCTION

- ↑ Process design
- ↑ Regular inspection
- ↑ Maintenance

GreCon EXPERTISE

- ↑ GreCon spark extinction
- ↑ GreCon machine protection

FIRE PROTECTION DAMAGE REDUCTION

- ↑ Explosion suppression
- ↑ Smoke detector
- ↑ Sprinkler system
- ↑ Firefighter