EXTINGUISH BEFORE A FIRE BREAKS OUT

PROTECTING YOUR SHREDDING, GRANULATION AND VACUUM SYSTEMS IN THE RECYCLING SECTOR

The waste-to-energy industry has become an essential part of the growing demand for consumer goods.
Recycling processes involve shredding an extremely wide range of waste materials, including bulky items, commercial and industrial waste, wood, municipal solid waste, biomass, and construction and demolition waste. The industrial shredding and sorting process, which is almost exclusively mechanical, can create sparks and hot spots that represent a major fire hazard. What's more, the suction of dust generated by this process, combined with the oxygen in the air in the pneumatic conveying ducts, creates the ideal conditions for starting a fire or even causing an explosion in the filter.

GreCon solutions protect hazardous areas throughout the waste transport process. The mechanical action of shredders and granulators can generate ignition sources that can reach the storage cells via conveyor transport. If they fail or overheat, this can also generate ignition sources that can cause serious damage. Our systems for detecting and extinguishing sparks or hot bodies and for monitoring temperature protect the whole of your equipment.

RECYCLING

WASTE | RECOVERY

Fagus-GreCon Greten GmbH & Co KG
Hannoversche Straße 58 . 31061 Alfeld . Germany
+49 5181 790 . info@fagus-grecon.com
www.fagus-grecon.com

Fagus GreCon

RECYCLING

WASTE | RECOVERY

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.

Fagus GreCon

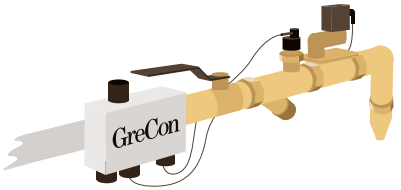
1 DLD 1/9 DETECTOR
High-sensitivity hot-spot and ignition source detector.

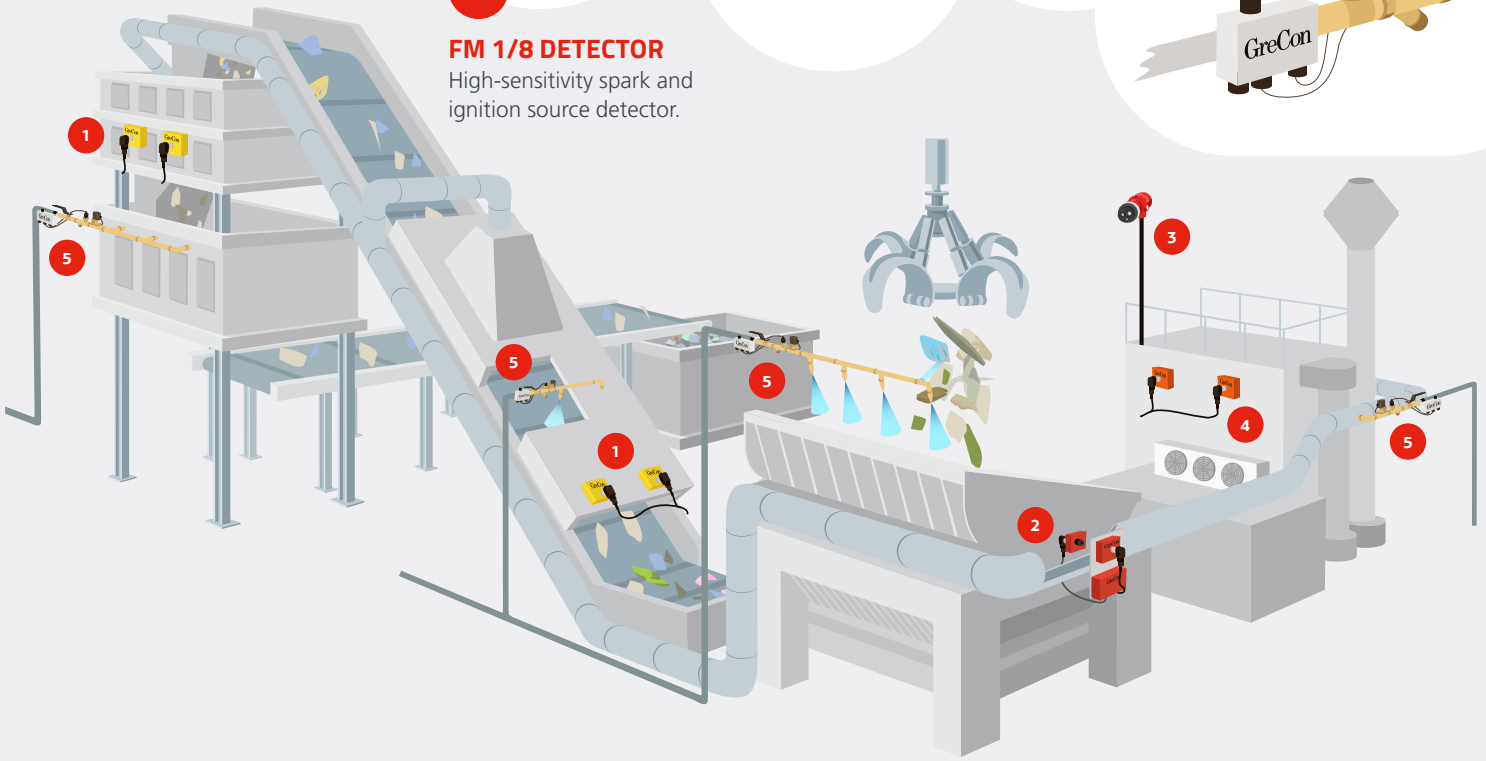
2 FM 1/8 DETECTOR
High-sensitivity spark and ignition source detector.

3 FLAME DETECTOR
High efficiency with multispectrum IR flame detection.

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

5 EXTINGUISHING SYSTEM
Targeted, ultra-fast automatic extinction of detected particles.





FIRE PREVENTION
PROBABILITY REDUCTION

GRECON EXPERTISE

FIRE PROTECTION
DAMAGE REDUCTION

- Process design
- Regular inspection
- Maintenance
- **GreCon** spark extinction
- **GreCon** machine protection
- Explosion suppression
- Smoke detector
- Sprinkler system
- Firefighter