

People. Technology. Innovations

**Fire protection
systems**
for the protection of

- — filter and dust extraction systems
- — machines
- — wet painting systems
- — powder coating systems

About us



STS – your fire protection specialist

STS – an established OEM supplier since 1988 for well-known internationally active machine and plant manufacturers as well as partner for special solutions.

Thanks to our sound knowledge in the process sequences of plant and machines, we are able to implement customised fire detection and extinguishing systems as well as guarantee reliable fire protection for people, plant and buildings.

It is essential to coordinate the interaction between the fire protection equipment and the plant and machines. In consideration of the current standards as well as risk analyses we will provide you with concepts which can be integrated into the protected objects, not only from a technical but also from an economic point of view.

As our products are state-of-the-art and are continuously being developed, we can offer e.g. micro-processor control units and monitoring systems.

STS is certified in accordance with DIN EN ISO 9001.

STS – always directly to the customer

STS not only offers to design your fire protection equipment, but also supplies, installs and services the equipment.

Maintenance services, repairs and recovery following activation of fire protection equipment are carried out by our own service personnel. Furthermore, we collaborate with partners trained and authorised by STS throughout Europe.

Maintenance agreements can be tailored to your individual requirements. Here we also attach importance to a good price-performance ratio.



Products

Range of products

- Fire suppression systems for powder coating systems (EPS systems)
- Automatic extinguishing systems for paint shops
- Automatic extinguishing systems for filter and dust extraction systems
- Automatic extinguishing systems for machines

Extinguishing agents

- Carbon dioxide [CO₂] high-pressure systems
- Argon [AR]
- Nitrogen [N₂]
- Aerosol
- Extinguishing powder A, B, C, D
- Water



Fire protection systems

for the protection of

Filter and dust extraction systems

Application e.g. in:

- Filter for welding fume extraction systems
- Filter for blast machines
- Filter for dust extraction systems in general

Design:

- Fire detection in the filter, adapted to the particular fire risk
- Extinguishing in the filter, with the extinguishing agent and extinguishing concepts adapted to the fire risk
- Control functions on the protected systems

Construction in accordance with:

- EN 13478
- VDI 2236 Sheet 6



Machines

Application in:

- Automatic machines with flammable coolants and lubricants
- Automatic machines in automatic mode without operating personnel
- Control and regulating equipment

Construction in accordance with:

- EN 13478
- Based on DIN 14497



Wet painting systems

Principle of the fire protection equipment:

- EN 50176
- EN 12215

Construction in accordance with:

- BGR134
- Design based on VdS2093

Design:

- Object-specific fire detection
- Single or multi-stage extinguishing system

Extinguishing agent e.g.:

- Carbon dioxide [CO₂]



Powder coating systems

Application in:

- Automatic and manual powder coating systems (EPS)
- Systems with open and closed filters and cyclone recovery systems

Principle of the fire protection equipment:

- EN 50177
- EN 12981 fire detection in safety category 3 in accordance with EN 13849-1
- BGI 764

Earth check equipment for workpieces
EN 50177 5.5.2 & 5.5.3

Protective equipment:

- Quick-reacting fire suppression system
- Extinguishing agent flame block



References

The customer at the centre

Satisfied customers are the best reference.
On this page you can find a list of some
of the companies with whom we are colla-
borating successfully.



All product names and logos are the property of the respective manufacturers.

Our partners in Europe



You will be supported by our
partners in the following countries

- | | |
|----------------------------|-------------------|
| ■ England - UK and Ireland | ■ Netherlands |
| ■ Estonia | ■ Poland |
| ■ Finland | ■ Sweden |
| ■ France | ■ Slovak Republic |
| ■ Latvia | ■ Czech Republic |
| ■ Lithuania | ■ Hungary |

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