



# AFEX

FIRE SUPPRESSION SYSTEMS

**can take  
the heat**

## Rugged, reliable and purpose-built for your application

Fully automatic and integrated with your machine platform, these systems activate upon detection of a fire, saving critical time and keeping your operators out of harm's way.

**HOW IT WORKS:** A vehicle fire suppression system is a pre-engineered safety accessory that is permanently mounted to a piece of mobile equipment. It's sensors automatically actuate the system whenever temperatures are reached, indicating fire. It's nozzles are positioned to attack fires at their most common starting points. This means that the vehicle is protected at all times, whether supervised or not, which is important when considering the long hours that industrial equipment typically operates.

Once a system is activated, the machine's engine can be set to automatically shut down. This keeps additional fluids from being pumped onto the fire, as well as stops any cooling fans, which otherwise might encourage a blaze. This is a critical step in suppressing a vehicle fire.

Every component has been designed to be rugged and reliable, reducing your ongoing maintenance costs and ensuring that your machines are properly protected at all times.

**When a single hydraulic line rupture can rapidly develop into an entire site fire, trust the heavy equipment specialist to protect your equipment and productivity.**

Whether your concern is engine fire, hydraulic fluid fires, or debris fire, these systems are the perfect solution. We have the experience, the products, and the support to meet your unique needs.

### Perfect for:

- **Agriculture**
- **Construction**
- **Forestry**
- **Mining**
- **Oil and gas**
- **Steel and slag**
- **Waste management**
- **Wood and paper**



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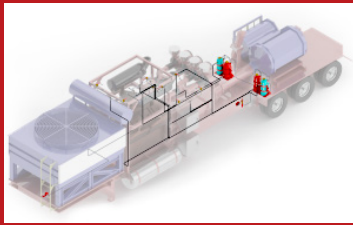
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## THE SYSTEM

- **Stainless steel tubing distribution**

Rugged stainless steel construction, designed to be as sturdy as the machine it's installed upon. The tubing is nearly maintenance free and avoids costly and time-consuming hose replacements.



- **Automatic detection**

Sensors activate automatically when it reaches a pre-set temperature. Each unit is manufactured to meet or exceed critical specifications and inspected by hand to ensure proper operation. Compatible with infrared and linear detection.

- **Interactive system monitoring**

The Control Unit combines micro-processor technology with AFEX durability. Used to monitor power, electric actuator and detection circuits, the Control Unit features audible and visual signals to alert the operator to any problem conditions.

## FEATURES:

- Circuit Monitor Panel ensures system readiness
- Control Unit provides advanced visibility and connectivity
- Rugged design for durability in the harshest environments
- Side-cartridge technology for reliability, ease of service
- Integrated nozzle cap for increased performance and reduced maintenance costs
- Nontoxic chemical agents
- Telematics connectivity
- Third-party tested and approved

## Protect your Frac Pumps, Blenders and Diesel Gensets

The layout of the average hydraulic fracturing spread, with equipment operating in close proximity to flammable materials as well as other equipment, creates a high risk situation with limited firefighting access. Thankfully, there's a proactive solution that can be installed on your equipment on-site.

The physical layout of the average hydraulic fracturing spread is a logistical nightmare when it comes to fire. Vehicles operating side-by-side with little room between them create an environment where fire can easily spread, and firefighting access is non-existent. Frac pumps, blender units and diesel generator sets all present a significant fire risk. A fire on one machine can rapidly spread and burn through the millions of dollars invested in the site.

AFEX systems are a proven safety and productivity product that stand ready to fight a vehicle or genset fire at a moment's notice, attacking the source of the flames before they have a chance to become established and spread to other machines. They are rugged enough to withstand the rigors of long hours of operation at high temperatures, constant vibration and significant flexing and twisting of the platform.

The material most commonly used in systems is an A:B:C: dry chemical powder featuring a very fast knock-down which essentially chokes the fire before it can become fully engaged. In addition, a liquid firefighting agent can be used which cools hot surfaces as well as suppresses flame. This dramatically reduces the risk of a fire reflash. AFEX dual agent systems are perfect for hydraulic fracturing applications where vehicles have very large engines, many hot surfaces and large volumes of highly flammable materials.

**Safeguard your personnel and the environment while you protect your investment.**