

FIRE PROTECTION FOR FORESTRY EQUIPMENT

THE NUMBER ONE CAUSE OF PREVENTABLE FORESTRY EQUIPMENT LOSS IS **FIRE**.

Rising insurance rates have increased the overhead burden for loggers. Equipment losses are not only losses in capital, but also losses in production.

AFEX knows the forestry industry. The first systems we built over 50 years ago were for forestry machines in North Carolina. Technological advances have since created machines of greater size and strength. Increasing the risk of fire for these bigger and stronger machines.

The large volume of hydraulic fluids operating under high pressure creates potential fire hazards when hoses leak or rupture. Engine compartments designed to prevent the accumulation of debris inhibit access for routine cleaning and restrict the effectiveness of handheld fire extinguishers.

Engines located in the rear of the machine, such as on feller bunchers, hide fires from sight and make early detection difficult. Water tanks are simply ineffective against the fires experienced on today's machines, especially oil (class B) and electrical (class C) fires.



The AFEX system is the industry standard for protecting against these types of fires. Our A:B:C dry chemical fire suppression system provides dependable automatic fire protection.

The AFEX system is rugged, reliable, and purpose-built to withstand the everyday abuse your machines experience. In the event of a fire, the system discharges automatically, saving valuable seconds crucial to limiting the damage to your machine.



WE KNOW HEAVY EQUIPMENT

www.afexsystems.com



SYSTEM FEATURES

THE #1 FIRE SUPPRESSION SYSTEM IN THE AMERICAS.

Stainless Steel Tubing Distribution



The AFEX system is widely known for its rugged stainless steel construction. The tubing is nearly maintenance free and avoids costly and time consuming hose replacements.

Tubing, unlike hose, does not twist or tangle among the many existing hydraulic lines, providing a clean and organized appearance. Also placing the nozzles in fixed positions to best reaches fire hazards without interfering with routine maintenance and operation of the machine.

Conical Discharge Nozzle



The **AFEX** nozzle delivers a conical discharge pattern for broad distribution of the dry chemical agent, creating a "total flooding" system and maximizing area coverage.

The integrated spring-loaded hinge keeps the nozzle clear of debris (without the need to constantly replace blow-off caps) and directs the dispersion of the agent towards the hazard.

Automatic Detection System



The AFEX system offers linear detection wire, able to detect a fire anywhere along the length of the cable, or sensors that activate automatically when it reaches the pre-set temperature.

Each unit is manufactured to meet or exceed critical commercial, industrial, and military specifications and then inspected by hand to ensure proper operation.

Control Unit



The Control Unit combines micro-processor technology with AFEX durability for the ultimate fire suppression system. In the event of a fire, audible and visual signals alert the operator to any problem or alarm conditions. These alerts are visible on the LCD display, and are also stored on the Control Unit's internal log for troubleshooting

In the event the battery connection is severed during a fire, or if no vehicle battery connection is available, the internal battery pack provides up to one year of standalone power.

A vehicle fire suppression system is not a finished product until it is installed. Therefore, proper installation and maintenance are crucial to ensure long-term reliability and effectiveness of the system.

AFEX knows heavy equipment and the hazards that put it at risk. **AFEX** distributors share the same special knowledge required to effectively protect heavy equipment against fire risks. Unlike our competitors, all **AFEX** distributors are experienced with vehicle fire suppression systems and heavy equipment.

When choosing a vehicle fire suppression system, choose **AFEX** for the quality of design and choose **AFEX** distributors for the quality and reliability of their service.

Let us introduce you to your local **AFEX** service provider. Call us at (919) 781-6610 or email info@afexsystems.com.

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