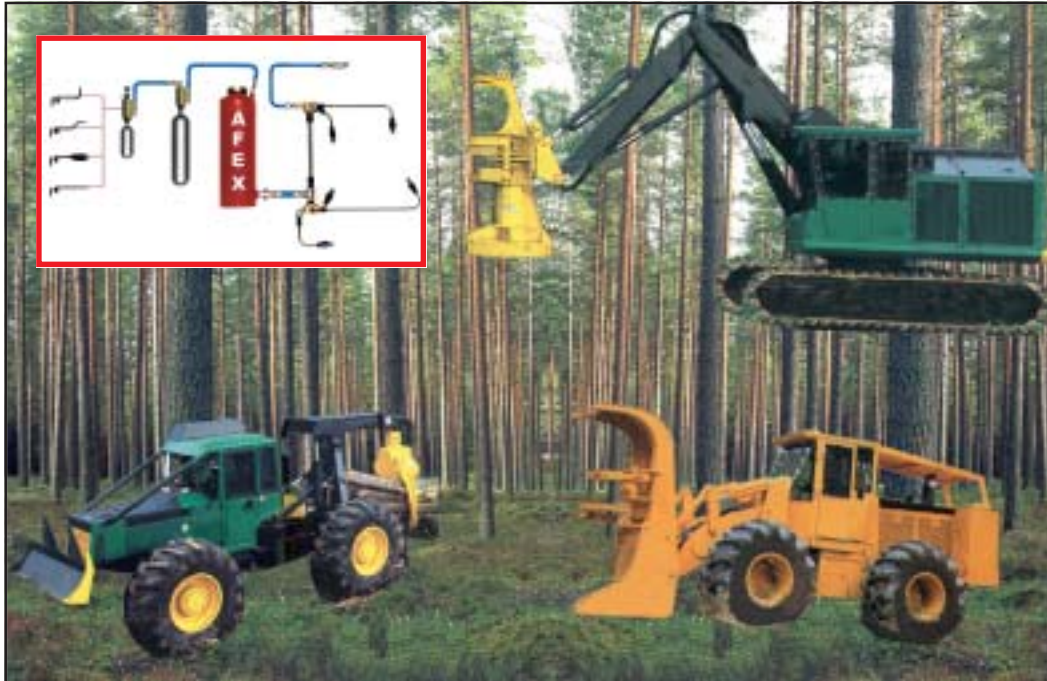


# AFEX

## Timber Harvesting

### Fire Suppression Systems



## Automatic & Manual Fire Suppression Systems for Timber Harvesting Equipment

Equipment fires have always plagued the timber harvesting industry. Today's industry has better equipment, better trained operators, improved resource management and more sophisticated business management. Technological advances have created machines of greater size, strength and value and have improved operator comfort and ease of operation.

Despite the advancements of modern machinery, fire risk is more prevalent than ever. Water tanks are simply ineffective against fires on today's

timber harvesting equipment, especially against fuel and oil fires (class B) and electrical fires (class C). Only an A:B:C dry chemical fire suppression system will meet the industry's needs for dependable automatic fire protection.

AFEX cooperates with insurance companies, equipment manufacturers and equipment dealers to identify and fulfill their fire protection needs. Fire losses can be significantly reduced at a savings to all. Contact us to learn more about protecting your investment from fire.

***The number one preventable cause of timber harvesting  
equipment losses is fire.***

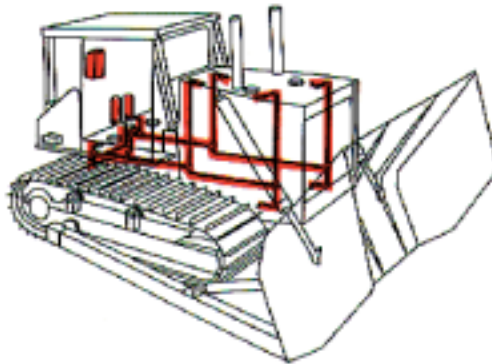
# AFEX — *Reliable, Durable, Low Maintenance*

## The Stainless Steel Tube System



The AFEX System is typically installed using stainless steel tubing in the distribution network. Once installed, the tubing is nearly maintenance free. Maintenance crews avoid time consuming hose replacements resulting from dry rot.

The tubing, unlike hose, does not tangle or intertwine among the many existing machinery hydraulic lines. It provides a clean and organized appearance that places the nozzles in fixed positions to best reach fire hazards without interfering with routine maintenance and operation of the machine.



## The Circuit Monitor

An option with automatic systems, the Circuit Monitor employs solid state electronics, not a microprocessor. Its functions are simple and do not require complex switching capacity. This design makes the monitor resistant to false alarms and interference from EMI, RF or potential unregulated voltage that may reach the equipment's electrical system.



The monitor uses both audible and visual alarms to alert the operator and features an operator controlled delay feature. Engine shutdown is available through the use of a pressure switch or the monitor's optional relay module. The module can also activate external alarm devices.

The monitor does not require a separate battery. Power is accessed from the equipment's battery.

## The Nozzle



The AFEX Nozzle delivers a conical discharge pattern for broad distribution of the dry chemical agent, creating a "total flooding" system. The nozzle is protected by a spring-loaded hinged cap that prevents clogging and makes old style "blow-off" caps obsolete.

## The Sensor

Used with automatic systems, the Sensor is manufactured to meet or exceed critical commercial and industrial specifications as well as UL and/or CSA ratings.

The sensor is a single-pole single-throw switch activated by a snap-action bimetal disc. Temperature calibrations are pre-set and each unit is 100% thermally and mechanically inspected. The case is laser welded to form a hermetically sealed housing. The sensor can be encased in various types of brackets or enclosures for mounting.

