

Protecting Precious Resources

Forestry Equipment

Fire Suppression Systems





Cutting-Edge Solutions for Challenging Conditions

Even a minor fire can damage expensive equipment, halt production, and threaten life. For 40 years, the hardest working heavy equipment in the world has been protected by the most trusted fire equipment available. The complete line of ANSUL® dry chemical and twin-agent systems, CHECKFIRE® detection systems, and RED LINE® hand portable extinguishers are time tested fire solutions for logging and forestry applications.

Systems Designed for Today's Demands

Forestry and logging machines work extreme hours. Plus, Class B flammable liquids and Class A debris are located within inches of superheated turbochargers, manifolds, and engine blocks. It's a good thing ANSUL systems provide 24-hour fire protection with fully self-contained detection, actuation, and dry chemical or twinagent systems that suppress, cool, soak Class A debris, and help prevent reflash. From small to large, there's an ANSUL solution for every forestry application. Do your job knowing all your precious resources are protected.

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- FM approved and CE Marked
 - Dry Chemical or Twin Agent models with versatile configuration/design options
 - Proven system reliability
 - Manual or automatic detection/actuation
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Inspired Innovations to Meet Demand

Prior to the introduction of ANSUL vehicle fire suppression systems in the 1960s, crippling losses due to fire were experienced in the logging and forestry industries - as well as mining, aviation, waste handling, agribusiness, and metal processing. As these industries have evolved, so has ANSUL fire suppression technology, exceeding the demand of today's heaviest equipment. Protecting mobile logging equipment with the appropriate A-101™ or A-101/LVS™ Fire Suppression System is a smart investment in preventing costly repairs and replacement, keeping insurance costs down, reducing downtime, and helping to prevent serious injuries to human life and the environment.

Ansul A-101 Dry Chemical Fire Suppression System

Several versions of the ANSUL A-101 Mobile Equipment Fire Suppression System discharge proven ANSUL FORAY® (monoammonium phosphate) multipurpose dry chemical agent, quickly suppressing the flames. These systems can be designed to flood entire volumes with dry chemical agent or aim at specific high-hazard areas.

Use the A-101-30 system in temperatures ranging from 32° to 120°F (0° to 49°C). With attached CO₂ cartridge and the capacity to carry 25 lbs. (11.3 kg) of FORAY dry chemical, this model performs under severe environmental conditions. The smaller A-101-20 system has a capacity of 17 lbs. (7.7 kg) of FORAY dry chemical, while the biggest jobs are handled by the LT-A-101-50 system, which has a capacity of 45 lbs. (20.4 kg) of FORAY dry chemical.

Available with separate nitrogen supplies, models LT-A-101-30 and LT-A-101-50 operate in extreme temperatures as low as -65°F (-54°C).

Ansul A-101/LVS Twin Agent Fire Suppression System

Even in the great outdoors, space isn't always plentiful. So the ANSUL LVS-S Liquid Agent System (-40° to 120°F (-40° to 49°C)) is a welcome addition to the ANSUL lineup. Stored in a 5 gallon (19 L) tank ANSUL LVS Liquid Agent is applied simultaneously with the A-101 dry chemical system blanketing the fuel, cutting off oxygen, cooling the fuel and surrounding areas and helping to prevent reflash. This soaking is especially effective on Class A debris, which supports deep-seated fires. The smaller LVS-5 system is ideal for pieces of equipment with minimal room for installation.

A-101-30, LT-A-101-50



LVS-5 Vertical or Horizontal Mount



Areas of greatest benefit:

**Chippers | Delimiters | Feller-Bunchers | Forwarders | Grapple Skidders
Harvesters | Loaders | Log Stackers | Tub grinders**



As a team, the A-101 system and LVS agent provide suppression and cooling power for the ultimate in forestry equipment protection. The FM approved, CE marked twin-agent combination has been proven effective in applications where superheated equipment, like turbochargers, is used.

Suppression Needs Proper Detection

The exclusive CHECKFIRE SC-N self-contained, electric detection system operates the A-101 or A-101/LVS fire suppression system automatically. Rugged control modules resist shock and vibration, and feature internal diagnostics and internal/external power sources. Thermal detection options include linear wire or spot detectors.

Required Backup Support

In addition to the primary fire suppression system, an extra measure of protection is required. An ANSUL RED LINE Cartridge-Operated Hand Portable Extinguisher (UL listed or CE marked) is a rugged, durable, and reliable unit that suppresses Class A, B, and C fires when carrying FORAY dry chemical.

Hands-on Training

The best training will always be achieved through hands-on experience. The ANSUL Fire School combines education with real-world firefighting exposure at its Fire Technology Center in Marinette, Wisconsin, USA. In the classroom, students gain a practical understanding of fire suppression agents, ratings, equipment operation, inspection, maintenance techniques, and more. However, it's the valuable hands-on training that truly prepares students for the demands of manual firefighting.

Ansul Systems Protects Your Most Valuable Assets

It takes innovative thinking and extensive experience to develop systems that keep forestry operations running smoothly. Keep productivity up. Fire protection solutions for virtually any type of forestry equipment application are developed by an in-house team of engineers, metallurgists, chemists, and PhDs backed by a 100-acre R&D facility. Keep costs to a minimum. Use one source for all agents and equipment. Trust your operation to nothing less than the hardest working, most tested fire suppression systems available - ANSUL.