Storm King Mountain

4725 Calle Alto
Camarillo, CA

Phone: 805-484-7267
Fax: 805-484-8167

Web site: www.stormkingmtn.com

Fire Barrier Curtain Enclosures

Fire enclosures for Type 1 engines, crew modules, open cab engines and special wildland firefighting applications. We design custom fire curtain kits for tractors, bulldozers and ATV's to protect operators from heat and fire. The kits contain the fire curtains, mounting fasteners, flame resistant Velcro, and guidelines for installation.

The open crew cab work area above has a fire shelter enclosure for full protection. The CAT D-7 below shows our fire barrier curtain installation for bulldozers to protect operators from heat and fire.

An International 4800/4900 engine with the curtains deployed is shown below:

Complete fire curtain protection systems on the inside of fire apparatus keep out the heat load, reduce toxic outgassing and provides survivability in a burnover.

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Company Information:

Storm King Mountain™, is a Camarillo, CA based company formed in 1994. Jim Roth, who lost his brother in the South Canyon Fire on Storm King Mountain in Colorado, began the company to develop products and services to help reduce injuries and fatalities in wildland firefighting applications. Products include burnover protection enclosures for firefighters in brush engines, bulldozers or tractors, and personal fire shelter tents and blankets when firefighters are on the fireline. Other products include voltage warning detectors to reduce electrocution hazards and ignition devices to assist in creating safety zones.

Product Testing:

Our fire curtain products are designed for both radiant and convective heat environments. They are the first products designed for use for firefighter protection in wildfire conditions. For open crew cabs or upon the loss of a complete window or windshield, our Storm King Mountain™ fire shelter curtains are made to handle the direct flame contact of fast moving flame fronts. All products are tested to various NFPA and ISO test standards by third party laboratories.

Product Applications:

Storm King Mountain™ provides fire shelter curtains, enclosures, and fire blankets to various firefighting agencies throughout the world. We custom design and manufacture fire shelter curtains and enclosures for the following types of equipment, and are always finding more opportunities:

- American LaFrance
- AMC Hummer
- CAT bulldozers
- Dresser tractors
- International Navistar cabs
- John Deere tractors
- Ford 350, 450 and 550's
- SAF-T-CAB dozers
- Emergency One engines
- Master Body Works vehicles
- Pierce engines
- Seagrave engines
- USDA Forest Service engines
- Freightliner chassis
- UTV brush fire QUAD's

Other Products:

Storm King Mountain™ specializes in improving survivability during a burnover, with better products:

- V-Watch™ Fire AC voltage detectors.
- Fire barrier curtain protection systems for burnover protection.
- Fire wrap lagging for insulating electrical cables or brake, fuel and air hoses.
- Protective thermal covers for plastic fuel filter housings or brake reservoirs.
- R2 Incendiary ignition systems for burning out fire breaks, back-burns and safety zones.
- Specialized transparent armor car covers and protection.
- Portable fire rings for wilderness campfires for low impact camping.

Customers:

We work with many customers, from private contractors with one bulldozer, to major agencies with fleets of equipment. As a result of the increased awareness of the risks to firefighter burnover safety, many firefighting agencies are retrofitting existing equipment and are requesting that in new equipment procurements that they be equipped with our Storm King Mountain™ fire shelter curtains. Some of our key customers are:

- Bureau of Land Management
- CalFire
- California Dozer Operators Group
- Country Fire Authority (Australia)
- Dept of Homeland Security
- Dept of Defense
- Florida Division of Forestry
- Los Angeles City Fire Dept.
- Los Angeles County Fire Dept.
- Orange County Fire Authority
- Rural Fire Service (Australia)
- SEM Fire and Rescue
- USDA Forest Service
- Ventura County Fire Dept.
- Wisconsin DNR

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