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Icon Glossary



GREEN

GREEN

This icon is used to denote products that are environmentally friendly. TRI-MAX Systems utilize no environmentally harmful chemicals, plus they are powered by compressed air. Most foam concentrates offered are biodegradable and contain no ozone-depleting substances.



Dual-Discharge
Capable

DUAL-DISCHARGE

Most high capacity TRI-MAX systems come with the option to upgrade to a SUPER-CAF configuration. These systems allow two hoses to be discharged simultaneously. This offers the unique advantage of attacking a fire from two directions.

These systems are also available in a standard, single-discharge configuration with only one discharge line.



Arctic
Configuration
Available

ARCTIC

Many TRI-MAX systems have accessories and additional parts that can be purchased either separately or as an upgrade package that offers superior performance and protection in environments where temperatures could reach as low as -40 degrees F. The upgrade package may include Arctic discharge hose, protective cover, freeze protected foam solution and electric pump with fill adapter.



The TRI-MAX Advantage

TRI-MAX Compressed Air Foam (CAF) technology provides both fire prevention and fire extinguishing capability. Dry chemical or inert gas extinguishers can be ineffective and do not have sufficient vapor sealing or cooling capabilities.

The TRI-MAX systems allow for a much greater and safer standoff distance compared to dry chemical and inert gas extinguishers.

TRI-MAX technology allows for a high capacity system in a small and compact design.

The Patented TRI-MAX CAF technology creates a cold, durable, vapor-sealing foam blanket. The cold dense foam adheres to the fuel surface and resists heat longer than ordinary foams. The foam blanket prevents ignition, re-ignition and release of toxic vapors from flammable liquid or toxic chemical spills.

For more than a decade, the TRI-MAX brand has been synonymous with quality and innovation in the fire technology industry.

Founded by Dave Mahrt, Kingsway Industries, Inc., the manufacturer of TRI-MAX, has sold over 10,000 fire suppression systems to the military, public agencies, industrial contractors and private companies worldwide.

As a gun ship helicopter pilot and Chief Warrant Officer in Vietnam, and a Forest Service contracted fire suppression pilot for over 20 years, Dave witnessed firsthand the inadequacy of today's equipment and its inability to combat fires efficiently. Committed to making the trade a safer place, he created what is known today as the "TRI-MAX family" of fire suppression systems.

Our company has assembled a team of engineers, firefighters, production workers, office and sales personnel who share a common commitment to providing superior firefighting products.



Systems Included:
TRI-MAX 3 Mini-CAF
TRI-MAX 3 Pelican-Case
TRI-MAX 3 CAF-Pack

Accessories:

Air Cylinder Pressure Tester/
Filler Adapter



Foam Agents:

- 3% AFFF (Class A, B)
- Class "A" Foam Agent
- 3% AFFF Foam Class B Agent
- 6% AFFF Foam Class B Agent
- Extreme AFFF -20°
- Arctic Foam -40°



3 Mini-CAF

Hand-Held CAF System



Note: GSA Model equipped with copolymer Frame

The TRI-MAX 3 Mini-CAF system is the smallest of the portable TRI-MAX family of high-energy Cold Compressed Air Foam systems. This compact handheld unit is capable of producing high-energy foams in the range of 10:1 to 20:1. This means that 3 gallons of pre-mix solution expands up to 60 gallons of finished foam product at a rate of over 90 gallons per minute.

The TRI-MAX 3 Mini-CAF Fire Prevention/Fire Suppression System is portable and simple to use, and is a tremendously valuable Initial Response tool.

The TRI-MAX 3 Mini-CAF puts a thick vapor-sealing foam blanket over a flammable liquid or toxic chemical spill, preventing ignition and release of toxic vapors.

Portable Dry Chemical fire extinguishers are inadequate in suppressing fuel fires outside their effective range, which is approximately 3-4 feet. They have no way to prevent a fuel spill from igniting. The discharge distance of the TRI-MAX 3 Mini-CAF is 35-45 feet and allows for a greater standoff distance. This offers an increased margin of safety for personnel who are not wearing protective clothing while attacking a fire.

- **Easy to use - minimal training required**
- **Designed for rapid deployment by first responders**
- **Can be quickly recharged in the field**

Specifications:

- Height: 28 1/8" Width: 8 3/4"
- Empty weight: 20 lbs.
- Loaded Weight: 46 lbs.
- Tank capacity: 3 gallons
- Finished foam capacity: 60 gallons (400 square feet)
- Discharge flow rate: 90 gal/minute
- Discharge distance: approx. 35-45 feet in a zero-wind condition
- Air Cylinder (Scuba): One 6 cu.ft. 3000 psi
- Operating Pressure: 140 psi
- Dispensing hose: 3/8 x 20" hard rubber
- Air pressure hose: 1/4" x 5 1/4" 3000 psi, exceeds SAE 100R5
- Variable foam expansion: 10:1 to 20:1



GREEN



Houston, P.D.



55' x 55' Pan Fire

Accessories:

- Additional 6 cu. ft. Air Cylinder
- Universal Mount
- Protective Cover
- Shoulder Strap
- Pelican Case Cover



TM 3 Pelican Case model now available

3 CAF-Pack

Backpack CAF System



The TRI-MAX 3 CAF-Pack is designed specifically for first responders working in the toughest conditions. The TRI-MAX 3 CAF-Pack is easily handled by a single person and produces a powerful 35-45 foot discharge of fire suppression foam. This patented foam technology provides superior fire extinguishing and fire prevention capabilities.

The TRI-MAX 3 CAF-Pack is housed in a custom fabricated cabinet built with state-of-the-art materials that make the cabinet durable, yet light and easy to handle. The CAF-Pack's center of gravity, holstered pistol grip and padded straps maximizes comfort and accuracy during emergency situations.



- **Holstered pistol grip nozzle gives user accurate control of foam stream**
- **Uniform cabinet shape allows for easy stacking for mass transport and storage**
- **Light and durable cabinet protects the unit from the elements and from damage during transportation**
- **When unit is removed, the backpack can be used to transport other items including wounded personnel**

Specifications:

- Height: 26" Width: 9 1/2"
- Loaded Weight: 71 lbs.
- Tank capacity: 3 gallons
- Finished foam capacity: 60 gallons (400 square feet)
- Discharge flow rate: 90 gal/minute
- Foam discharge distance: approx. 35-45 feet in a zero-wind condition
- Air Cylinder (Scuba): One 6 cu.ft. 3000 psi
- Operating Pressure: 140 psi
- Dispensing hose: 3/8 x 20 inches hard rubber.
- Air pressure hose: 1/4 x 7 1/2 inch 3000 psi
- Recharge time: 2-4 minutes
- Variable foam expansion: 10:1 to 20:1 and up

Options & Accessories

- Additional 9 cu. ft. Air Cylinder
- Low Profile Configuration



GREEN



Custom-CAF

Compressed Air Foam Series

Systems Included:

TRI-MAX 10 Custom-CAF

TRI-MAX 20 Custom-CAF

Accessories:

Air Cylinder Pressure Tester/
Filler Adapter



Foam Agents:

- 3% AFFF (Class A, B)
- Class "A" Foam Agent
- 3% AFFF Foam Class B Agent
- 6% AFFF Foam Class B Agent
- Extreme AFFF -20°
- Arctic Foam -40°



10 Custom-CAF

Installed Component System



A breakthrough in self-contained fire suppression technology by TRI-MAX, Cold Compressed Air Foam has significantly reduced the potential for an uncontrollable heavy equipment fire.

These modest sized systems can be installed on almost any heavy equipment whether industrial, logging, construction, etc.

Harsh working environments can cause hydraulic line failures which lead to disastrous fires, destruction of equipment, and in some cases a fire that extends to the surrounding areas.

With the addition of a TRI-MAX CAF System to any operation, users can quickly react to fires before they have a chance to expand to catastrophic levels.

The 10 CAF systems may be ordered with an external fire hose attachment that will turn equipment into a first response fire apparatus, protecting personnel as well as other assets at the work site.

- **Custom installations for heavy equipment**
- **Quick bolt-on installation for emergency vehicles**
- **No moving parts to fail**
- **Activates in seconds to stop fire and fire hazard in its tracks**
- **10 gallons of solution produces up to 200 gallons of finished foam.**

Specifications:

- Height: 13.5" Width: 31" Depth: 15"
- Loaded Weight: 110 lbs. Empty Weight: 40 lbs.
- Premix Tank: 10-gallon capacity
- Finished Foam Capacity: Approximately 200 gallons
- Discharge System: 1/2" pistol grip style or Discharge Manifold with up to four discharge heads.
- Discharge Rate approx.: 90 gal/minute of finished foam
- Foam Discharge Distance from Discharge Hose (if installed): approx. 35-45 feet in a zero-wind condition
- Air Cylinder (Scuba): One (1) 19 cu. ft. 3000 psi
- Operating Pressure: 140 psi
- External Dispensing Hose (if installed): 50 feet of 1/2" hose



Ames Construction
D-9 CATS



Options & Accessories

- Additional 19 cu. ft. Air Cylinder
- Component Configuration
- Custom Installation
- Hose Reel with 50 ft. of 1/2" discharge hose
- Heavy Equipment Installations



GREEN

20 Custom-CAF

Installed Component System



The big brother to the TRI-MAX 10 CAF, the TRI-MAX 20 CAF comes in at twice the capacity.

The TRI-MAX 20 CAF system comes with an external fire hose attachment. This will turn equipment into a first-response fire apparatus. You can protect the operation, assets and personnel at any work site.

With the addition of a TRI-MAX 20 CAF System to an operation, users can quickly react to fires either internally or externally before they have a chance to expand and reach catastrophic levels.

- **Re-Designed Frame requires less space.**
- **Outside Hose lay to fight external fires**
- **Quick bolt-on installation for emergency vehicles**
- **Custom installed on heavy equipment for most industries**
- **No moving parts to fail**
- **Activates in seconds to stop fire and fire hazard in its tracks**

Specifications:

- Height: 48 3/4" Width: 20" Depth: 25 1/4"
- Loaded Weight: 400 lbs. Empty Weight: 240 lbs.
- Premix Tank: 20-gallon capacity
- Finished Foam Capacity: Approximately 400 gallons
- Discharge Nozzle: 1" standard or pistol grip style
- Discharge Rate (max): 300 gal/minute of finished foam
- Foam Discharge Distance: approx. 65-75 feet in a zero-wind condition
- Air Cylinder (Scuba): Two (2) 50 cu. ft. 3000 psi
- Regulator: Adjustable pressure 0-400 psi
- Dispensing Hose: 50 feet of 1" collapsible hose
- Usable Hose Length: 500 plus feet



Sierra Pacific Ind.



Options & Accessories

- Wheel Kit Additional 50 cu. ft. Air Cylinder
- Protective Cover
- External Discharge hose
- Component System Available



GREEN



Tri-Max Engine Fire Control System (EFCS) pictured. The system is easily activated from a single valved moutned on the control panel at rear of vehicle. Additional 100 ft outside hose lay shown.



Tri-Max Engine Fire Control System . (EFCS) pictured showing CAF deluge nozzles with spray bar mounted on fracking deisel pump. System is capable of covering entire engine in 10 seconds or less.

Evergreen CH 54E



Systems Included:

TRI-MAX 30 Wheeled-CAF
TRI-MAX 30 SKID-CAF
TRI-MAX 30 Vertical-CAF
TRI-MAX 35RT

Accessories:

Saber Jet™ Nozzle



Air Cylinder Pressure Tester/
Filler Adapter



100' X 1" Booster
Hose



Hose Reel



Foam Agents:

- 3% AFFF (Class A, B)
- Class "A" Foam Agent
- 3% AFFF Foam Class B Agent
- 6% AFFF Foam Class B Agent
- Extreme AFFF -20°
- Arctic Foam -40°

30 Wheeled-CAF

Compressed Air Foam System



The TRI-MAX 30 CAF is the Standard in CAF technology. The TRI-MAX 30 compressed air foam system is approved by the U.S. Army to replace the halon and 150 lb. dry chemical systems on all Army flight lines.

This extremely versatile system contains 30 Gallons of foam solution that produces approximately 600

gallons of high energy finished foam.

The TRI-MAX 30 system allows for a 65-75 foot standoff distance, which enables personnel to be effective with the unit without jeopardizing their safety by being too close to a fire.

The TRI-MAX 30's responsive performance was dramatically demonstrated in a recent incident at the U.S. Army National Training Center at Barstow Dagget Airport, California, where the TRI-MAX systems played a significant role, not only in suppressing the hanger fire, but also in allowing time to evacuate helicopters to an adjacent hanger.



- Fits through normal doorways and into standard elevators
- Compact and highly maneuverable
- Able to negotiate in and around plant equipment
- Re-serviced quickly in the field
- Provides low cost training solutions for inexpensive exercises

Specifications:

- Height: 34 7/8" Width: 31" Length: 55 1/2"
- Loaded Weight: 602 lbs. Empty Weight: 360 lbs.
- Premix Tank: 30-gallon capacity
- Finished Foam Capacity: Approximately 600 gallons
- Discharge Nozzle: 1" pistol grip style
- Discharge Rate (max): 300 gal/minute of finished foam
- Foam Discharge Distance: approx. 65-75 feet in a zero-wind condition
- Air Cylinder (Scuba): Two (2) 80 CF 3000 psi
- Regulator: Adjustable pressure 0-400 psi
- Dispensing Hose: 50 feet of 1" hard rubber or collapsible
- Usable Hose Length: 500 plus feet

Options & Accessories

- Additional 80 cu. ft. Air Cylinder
- Component Configurations Available
- Rough Terrain Tires
- Industrial Air Bottles
- Cover
- Flat lay hose



GREEN



Arctic
Configuration
Available

30 SKID-CAF

Compressed Air Foam System



Based on the proven TRI-MAX 30 CAF platform, the TRI-MAX 30 SKID-CAF fits most SUVs, pickup trucks, ambulances or compartments, and small utility carts. Ideal for racetracks, parking garages, industrial sites or anywhere a ready fire truck is needed.

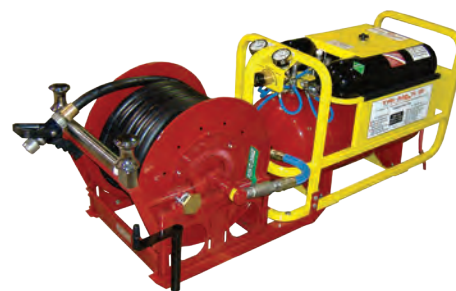
- **Perfect for truck bed or ATV applications**
- **Custom installations on heavy equipment**
- **No moving parts to fail**
- **Activates in seconds to stop fire and fire hazard in its tracks**



The most powerful self contained CAF systems in the industry

Specifications:

- Height: 27 1/4" Width: 25 1/8" Length: 44 3/4"
- Hose Reel: Width: 25.75" Height: 23.5" Depth: 23"
- Loaded Weight: 712 lbs. Empty Weight: 455 lbs.
- Premix Tank: 30-gallon capacity
- Finished Foam Capacity: Approximately 600 gallons
- Discharge Nozzle: 1" pistol grip style
- Discharge Rate (max): 300 gal/minute of finished foam
- Foam Discharge Distance: approx. 65-75 feet in a zero-wind condition
- Two (2) 80 CF 3000 psi
- Regulator: Adjustable pressure 0-400 psi
- Dispensing Hose: 100 feet of 1" hard rubber booster hose
- Hose Length (included on reel): 100 feet



Options & Accessories

- Hose Reel with 100 ft. discharge hose
- Additional 80 cu. ft. Air Cylinder
- Component Configuration
- Custom Installation
- Cover



GREEN



Arctic Configuration Available

30 Vertical-CAF

Compressed Air Foam System



Based on the proven TRI-MAX 30 platform, this system is as versatile as it is powerful.

Perfect for rescue vehicles, ambulances and other fire apparatus, these units come pre-fabricated to fit into compartments of a rescue, fire truck or ambulance chassis.

The units come pre-tested from the factory and need only to be bolted into place. If an electric hose reel is selected, the electrical connection is the only other connection necessary for operation.

The 30 Vertical-CAF offers QUICK slip-in installation. All systems are pre-tested at the factory. This ensures trouble-free operation, plus significant time savings. A two-hour-or-less installation is achieved with the pre-tested system. It requires only a few bolts to install in an emergency vehicle.

The TRI-MAX 30 Vertical-CAF reduces risk from flammable liquid spills and minimizes fire hazard for a safe rescue.



- **Small footprint, great for limited-space applications**
- **Perfect for Emergency Response Vehicles**
- **No moving parts to fail**
- **30 Gallons of solution produces up to 600 gallons of finished foam product**

Specifications:

- Height: 45 7/16" Width: 31 3/8" Depth: 20 3/8"
- Loaded Weight: 712 lbs. Empty Weight: 455 lbs.
- Premix Tank: 30-gallon capacity
- Finished Foam Capacity: Approximately 600 gallons
- Discharge Nozzle: 1" pistol grip style
- Discharge Rate (max): 300 gal/minute of finished foam
- Foam Discharge Distance: approx. 65-75 feet in a zero-wind condition
- Air Cylinder (Scuba): Two (2) 80 CF 3000 psi
- Regulator: Adjustable pressure 0-400 psi
- Dispensing Hose: 1" hard rubber booster hose or 1" collapsible hose may be used
- Maximum Hose Reel Capacity: 100ft of 1" booster line

Options & Accessories

- Custom size orders available
- Available without Hose Reel
- Additional 80 cu. ft. Air Cylinder
- Component Configuration
- Custom Installation
- Hose Reel
- Hard Rubber or Flat lay hose
- Electric or Manual rewind hose reel



GREEN



Arctic
Configuration
Available



Systems Included:

TRI-MAX 60 Super-CAF
TRI-MAX 60 HSS Super-CAF
TRI-MAX 120 Super-CAF
TRI-MAX 200 Super-CAF
TRI-MAX 400 Super-CAF
TRI-MAX 500 Super-CAF

Foam Agents:

- 3% AFFF (Class A, B)
- Class "A" Foam Agent
- 3% AFFF Foam Class B Agent
- 6% AFFF Foam Class B Agent
- Extreme AFFF -20°
- Arctic Foam -40°

Acron Saber Jet™ Nozzle



Accessories:

Acron Saber Jet™
Nozzle



Air Cylinder Pressure
Tester/ Filler Adapter



Scuba-SCBA Adapter



100' X 1" Booster
Hose



60 SUPER-CAF

Compressed Air Foam System



This powerful 60 gallon skid unit provides heavy-duty fire fighting capabilities wherever needed. This state-of-the-art CAF unit fits pick-up trucks, heavy rescue or HAZMAT vehicles and trailer mounts. Ideal for industrial sites, flight lines, race tracks,

parking garages, heavily populated areas, or anywhere a fire truck is needed.

This system is capable of having both lines discharged simultaneously, giving it the ability to attack a fire from two directions.

With its dual CAF discharge systems, the TRI-MAX Super-60 offers the initial response fire suppression capability of a much larger fire suppression vehicle.

- **Durable Welded Copolymer frame**
- **Dual Discharge Capability**
- **Able to be shot twice with on-board air**
- **60 gallons of solution provides up to 1200 gallons of finished foam product**
- **SKID mounted for ultimate versatility**
- **Single Point Re-fill port for convenient air cylinder re-fill**

Specifications:

- Height: 33" Width: 48" Length: 72"
- Loaded Weight: 1130 lbs. Empty Weight: 630 lbs.
- Premix Tank: 60 gallon capacity
- Finished Foam Capacity: Approximately 1200 gallons
- Finished Foam Discharge Rate:
 - 1" hose approx. 250-300 gpm
 - 1 3/4" hose approx. 450 gpm
- **Discharge Duration:**
 - 1" discharge hose approx, 3 min. 45 sec.,**
 - 1 3/4" discharge hose approx, 1 min. 45 sec.**
- Foam Discharge Distance:
 - 1" rubber booster line approx. 65-75 feet in a zero-wind condition
 - 1 3/4" flat lay attack hose approx. 85-95 feet in a zero-wind condition
- Air Cylinder (Industrial): Two (2) 150 CF 2250 psi
- Regulators: Two (2) Adjustable pressure 0-400 psi
- Dispensing Hose: 100 feet of 1" hard rubber booster and 1 3/4" collapsible hose.
- Usable Hose Length: 500 plus feet per discharge side



Options & Accessories

- Additional 150 cu. ft. Air Cylinder
- Custom Installation
- Trailer Mount Option
- Single Discharge Configuration
- Cover



60 HSS SUPER-CAF

Compressed Air Foam System



- **Compact welded steel frame**
- **Able to be shot twice with on-board air**
- **60 gallons of solution provides up to 1200 gallons of finished foam product**
- **SKID mounted for ultimate versatility**
- **Single Point Re-fill port for convenient air cylinder re-fill**

Specifications:

- Height: 33" Width: 24 1/2" Length: 59 1/4"
- Loaded Weight: 1130 lbs. Empty Weight: 630 lbs.
- Premix Tank: 60 gallon capacity
- Finished Foam Capacity: Approximately 1200 gallons
- Finished Foam Discharge Rate:
 - 1" hose approx. 250-300 gpm
 - 1 3/4" hose approx. 450 gpm
- **Discharge Duration:**
 - 1" discharge hose approx, 3 min. 45 sec.,**
 - 1 3/4" discharge hose approx, 1 min. 45 sec.**
- Foam Discharge Distance:
 - 1" rubber booster line approx. 65-75 feet in a zero-wind condition
 - 1 3/4" flat lay attack hose approx. 85-95 feet in a zero-wind condition
- Air Cylinder (Industrial): Two (2) 150 CF 2250 psi
- Regulator: Adjustable pressure 0-400 psi
- Dispensing Hose: 100 feet of 1" hard rubber booster and 1 3/4" collapsible hose.
- Usable Hose Length: 500 plus feet per discharge side



Options & Accessories

- Hose Reel
- Additional 150 cu. ft. Air Cylinder
- Single Discharge Configuration
- Cover



GREEN



Dual Discharge
Capable



Arctic
Configuration
Available

120 SUPER-CAF

Compressed Air Foam System



This state-of-the-art portable CAF system, with 500 CFM of power, is capable of discharging both the 1-inch booster line

at 300 GPM of finished foam, and the 1 3/4-inch attack line with 500 GPM at the same time for nearly three minutes.

The system comes with two high-capacity air cylinders and can discharge twice with on-board air supply. Included with the system is a hose reel with 100 ft. of 1-inch booster line PLUS 100 ft. of 1.3/4-inch attack line to suppress much larger fires.

Personnel without protective clothing can avoid thermal injury with greater standoff capability, with foam discharge distances reaching nearly 85-95 ft. with the 1 3/4-inch attack line, and 65-75 ft. with the 1-inch booster line.

120 Gallons of TRI-MAX™ Foam solution produces approximately 2400 Gallons per shot of high energy finished COLD compressed air foam. Exceptionally long drain-back times are achieved with the patented TRI-MAX™ foam generation process.

- **Durable Welded Copolymer frame**
- **Dual Discharge Capability**
- **120 gallons of solution provides up to 2400 gallons of finished foam product**
- **SKID mounted for ultimate versatility**
- **Single Point Refill port for convenient air cylinder re-fill**

Specifications:

- Height: 40 1/2" Width: 47" Length: 91 5/8"
- Loaded Weight: 1956 lbs. Empty Weight: 996 lbs.
- Premix Tank: 120 gallon capacity
- Finished Foam Capacity: Approximately 2400 gallons
- Finished Foam Discharge Rate: 1" hose approx. 250-300 gpm, 1.5" hose approx. 450 gpm
- **Discharge Duration:**
 - 1" discharge hose approx, 9 min.,
 - 1 3/4" discharge hose approx, 5-6 min.
- Foam Discharge Distance:
 - 1" rubber booster line approx. 65-75 feet in a zero-wind condition
 - 1 3/4" flat lay attack hose approx. 85-95 feet in a zero-wind condition
- Air Cylinder (Industrial): Two (2) 300 CF 2250 psi
- Regulators: Two (2) Adjustable pressure 0-400 psi
- Dispensing Hose: 100 feet of 1" rubber booster and/or 1.5" collapsible hose



Options & Accessories

- Additional 300 cu. ft. Air Cylinder
- Custom Installation
- Single Discharge Configuration
- Cover



GREEN



Dual Discharge
Capable



Arctic
Configuration
Available

200 Super-CAF

Compressed Air Foam System



One of the largest of its family of large capacity SKIDS, the TRI-MAX SUPER-200 is capable of producing a staggering 4000 gallons of finished foam product.

Armed with the same Dual Discharge Capability of the

other systems in the Super-SKID series, the TRI-MAX SUPER-200 is a powerhouse that allows two operators to attack a fire from two directions.

The TRI-MAX Super-200 was engineered to fit in the back of a full-size one-ton pickup truck or a trailer.

Outfitted with 100 ft. of 1" booster line and 100 ft. of 1 3/4" collapsible hose, the TRI-MAX SUPER-200 is a powerful system in a small package.

- **Dual Discharge Capability**
- **No moving parts to fail**
- **SKID mounted for ultimate versatility**
- **200 Gallons of solution provides up to 4000 gallons of finished foam product**
- **Single Point Refill port for convenient air cylinder re-fill**

Specifications:

- Height: 46" Width: 47 1/2" Length: 98"
- Loaded Weight: 2915 lbs. Empty Weight: 1315 lbs.
- Premix Tank: 200 gallon capacity
- Finished Foam Capacity: Approximately 4000 gallons
- Finished Foam Discharge Rate: 1" hose approx. 250-300 gpm, 1 3/4" hose approx. 450 gpm.
- **Discharge Duration:**
 - 1" discharge hose approx, 13 min.,
 - 1 3/4" discharge hose approx, 8-9 min.
- Foam Discharge Distance:
 - 1" rubber booster line approx. 65-75 feet in a zero-wind condition
 - 1 3/4" flat lay attack hose approx. 85-95 feet in a zero-wind condition
- Air Cylinder (Industrial): Two (2) 300 CF 2250 psi
- Regulator: Two (2) Adjustable pressure 0-400 psi
- Dispensing Hose: 100 feet of 1" hard rubber booster and 1 3/4" collapsible hose.
- Usable Hose Length: 500 plus feet per discharge side



Options & Accessories

- Available without Hose Reel
- Additional 300 cu. ft. Air Cylinder
- Custom Installation
- Single Discharge Configuration
- Cover



GREEN



Dual Discharge
Capable



Arctic
Configuration
Available

Systems Included:
TRI-MAX TERMINATOR
TRI-MAX Quick-CAFS



Accessories:

**Acron Saber Jet™
Nozzle**



**Air Cylinder Pressure
Tester/ Filler Adapter**



**100' X 1" Booster
Hose**



**50' X 1" Booster
Hose**



Foam Agents:

- 3% AFFF (Class A, B)
- Class "A" Foam Agent
- 3% AFFF Foam Class B Agent
- 6% AFFF Foam Class B Agent
- Extreme AFFF -20°
- Arctic Foam -40°

TRI-MAX TERMINATOR

TWIN-AGENT Compressed Air Foam System



The TRI-MAX TERMINATOR is a Portable Foam/Dry Chemical System that combines Cold Compressed Air Foam and "Purple K" dry chemical.

The patented HYDRO-CHEM™ nozzle incorporates TRI-MAX Cold foam Technology, which encapsulates dry chemical through the

center of the foam stream, placing more Agent on target and carrying it several times farther. This system will suppress 4 to 5 times more fire than older, outdated Twin Agent systems.

The special lightweight, dual agent molded hose is highly maneuverable and easy to advance. The TRI-MAX™ and HYDRO-CHEM™ technology makes the TRI-MAX™ TERMINATOR the Twin Agent System that can handle very difficult Class A, B and C fires.

- **Dual air cylinders allow the system to be discharged twice with on-board air**
- **Enhanced with Patented Hydro-Chem™ Nozzle**
- **Foam encapsulates dry chemical, offering increased discharge distances**
- **Greater Accuracy with Hydro-Chem™ Nozzle**
- **Vapor suppression of flammable liquid or toxic chemical spills.**

Specifications:

- Height: 55 ½" Width: 43" Length: 61"
- Loaded weight: 1,140 lbs. Empty weight: 740 lbs.
- Premix Tank: 30-gallon capacity
- Dry Chemical Tank: 150 lbs.
- Finished Foam Capacity: Approximately 600 gallons
- Discharge Nozzle: Hydro-Chem™ Twin Agent System Nozzle
- Discharge Rate (max): 300 gal/minute of finished foam
- Foam Discharge Distance:
 - 1" rubber booster line approx. 65-75 feet in a zero-wind condition
- High Pressure Cylinder (Industrial): Two (2) 150 cu.ft. 2400 psi
- Regulator: Adjustable Regulator 0-400 psi
- Dispensing Hose: 50 feet of 1" twin-agent rubber hose



Extinguishes Class :

1. A (combustible)
2. B (flammable liquid)
3. C (electrical) fires & 3-dimensional pressurized flammable liquid fires

Options & Accessories

- Additional 150 cu. ft. Air Cylinder
- Trailer Mount Option



GREEN



Arctic
Configuration
Available

Quick-CAFS

Compressed Air Foam System



Are you thinking about retrofitting a CAFS system to your existing apparatus but confused about the difficulty in operating a larger truck-mounted CAFS system? Are you concerned about exorbitant costs and lack of available pump house room for a compressor, proportioner, foam tanks and associated plumbing and controls?

TRI-MAX can retrofit our patented technology onto most fire trucks or water tankers with our pre-engineered or custom-engineered systems. We assemble the critical components into a complete system that enables your emergency vehicle service center to turn any existing pumper truck or water tanker into an Extended Duration Compressed Air Foam fire suppression system with minimal effort and very little downtime.

TRI-MAX patented technology makes CAFS application simple and increases the effective duration of your fire suppression efforts and equipment. Using an operator-friendly and easily-serviceable stored pressure system, TRI-MAX proven equipment not only reduces your retrofit costs, but allows for a simple solution to a costly and complicated problem. We can save you money and time while increasing your fire suppression capabilities at the same time.

- **500 gallons of solution produces up to 10,000 gallons of finished foam**
- **Quick and Easy Installation minimizes downtime**
- **Reduced Operating Costs**
- **Single Point Refill port for convenient air cylinder re-fill**



Options & Accessories

- Hose Reel
- Additional Air Cylinders
- Custom Installation

	Gallons Per Minute (GPM)	Expansion Ratio	Discharge Duration (min)	Retrofit easily and cost effectively
500-Gal Truck	100	4:1	5	No
Quick-CAFS on 500-Gal Truck	25	10-20:1	Up to 20	YES



GREEN



Arctic Configuration Available

Customer Support Info

Customer Service and Training Information

Kingsway Industries, Inc

2066 Alexander Ave Anderson, CA 96002

Toll Free 888.774.6299

Phone 530.722.0272

Fax 530.722.0450

Support e-mail: support@trimax.us

Website: www.trimax.us

LA County Sheriff
S-61 Sikorsky



- Product Operations Training and Maintenance Manuals are available for download from www.trimax.us
- Maintenance bulletins will be released as necessary and will be posted on www.trimax.us
- Note: When shipping air cylinders, UN Number is UN 1002
- HAZMAT Rating 2.2 for air cylinders



Contract: GS-07F-5449P



See TRI-MAX in Action!



Tri-Max 3 Pan Fire

<http://youtu.be/z37NdU16ctU>



Tri-Max Terminator

<http://youtu.be/xhSNCmA7Bl4>



Tri-Max 3 Tire Fire

<http://youtu.be/6tcla53OzKQ>



Tri-Max HELI DECK

<http://youtu.be/Sc0paypgrwg>



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