

INTRODUCING DakotaFire's **MOTAK** Pressurized Gel Delivery System

FINALLY
there are
tools to get
the job done
RIGHT.

Delivered correctly, GEL is the best fire chemical available.

DakotaFire Systems' pressurized gel delivery systems are the first to provide uniform and consistent coverage of flame retardant gel even under extreme conditions.

Any firetruck can be outfitted with *DakotaFire's* pressurized gel delivery systems.

THIS UNIQUE, PATENT-PENDING SYSTEM QUICKLY CREATES THE RIGHT MIXTURE OF GEL AND WATER SO THE GEL IS DELIVERED EFFICIENTLY AND PERFORMS RELIABLY IN SPITE OF VARIANCES IN ALTITUDE, WATER QUALITY, AND TEMPERATURE.



MOTAK
PORTABLE UNIT

- **Fast**
- **Reliable**
- **Powerful**
- **Portable**

**Firemen
can apply
gel hours
ahead of
the fire, and
then move to
a safe zone.**

THESE SYSTEMS SAVE LIVES!

MOTAK Specifications

DakotaFire's MOTAK (Mobile Gel Attack System) is intended to address portable gel delivery protection and suppression needs. It is compact and designed to fit inside fire apparatus compartments.

Components of the gel delivery system shall include:

- One (1) 8.7 gallon aluminum diamond plate gel concentrate tank shall serve as the framework for the mobile system.
 - Two - ½" aluminum rods with cross bar, coated in durable, non slip polyurethane, shall form the 21" high carrying handles welded to the sides of the tank.
 - The tank shall be 28" long x 12" wide x 6" high.
 - The tank shall be equipped with a 4" fill hole with 4" CamLock cap.
 - The tank shall be equipped with a ½" diameter breather valve elevated four inches.
 - The tank shall have a quick-connect nipple mounted for complete re-circulation capabilities.
- One (1) Honda WX15 four-stroke gas powered delivery pump mounted to aluminum tank.
 - Manual bypass capabilities
- 50 foot ¾" Goodyear gorilla hose with stainless steel quick-connect couplers
- 1" pistol grip ball shut off gel nozzle with 20 GPM educator, mixing valve and flow restrictor
 - Aluminum nozzle body with fully independent and variable controls
 - Adjustable nozzle controlled by end of line user
 - Nozzle supports full range, end of line mechanical proportioning of gel as well as adjustment of water flow
- Quick connect clean up adapter
- All fittings are stainless steel and TIG welded.
- Unit size: 28" long x 12" wide x 21" high.
 - Tank & pump assembly: 53 lbs.
 - Hose: 21 lbs.
 - Nozzle: 7 lbs.
- Mix ratio from 0-3%
- Flow rate up to 60 GPM

*Gel delivery system is to be used in conjunction with existing water tank and pump on truck.