



# Combat Support Products, Inc. FoamChariot II® Data Sheet rev.0116

FoamChariot® II is a compact, self contained, rapid deployment asset designed for plug and play firefighting and spill security where truckload or railcar quantities of crude oil, ethanol and ethanol / gasoline blends are involved in fire or spills.

FoamChariot® II is for fire departments having ample storage space and 12,000 lb. towing capacity. FoamChariot® II can be towed with a 3/4 or 1 ton truck and stored in a 6.5 ft. by 15.5 ft. space. Finally, FoamChariots® are much less expensive than heavy, single poly tank alternatives.

FoamChariot® II's consolidated frame and tote retaining scheme is key to this unit's patent pending, compact footprint. FoamChariot® II has dual 6,000 lb. torsion axels with ample braking and four point leveling. FoamChariot® are rated at highway speed with a naturally baffled, dual or triple tank system of 550 or 660 gallons of foam concentrate.

FoamChariot® II comes standard with an adjustable flow (500, 750 or 1000) gpm foam monitor and can accommodate up to 2000 gpm. Optional firefighting equipment includes: self-flushing hand-line eductors and nozzles with provisions for a dismantled, oscillating foam ground monitor. Other options include: two weather tight, triple hinge hose/

storage cabinets; night operation lights, NFPA visibility package and a 23 gpm foam concentrate transfer pump. Twenty-five radio controlled units were recently placed in service in NY state along railroads hauling crude / ethanol.



NY State DHS - ES

When equipped with remote control option, FoamChariot® II's monitor can be safely operated at a distance of 600 ft. Its firefighting station operates at ground level,

eliminating the traditional, climb-on operators deck. FoamChariot® II's firefighting station includes two LDH supply inlets, two, 2.5" discharges with self flushing hand-line foam eductors and a 350 gpm dismantled foam monitor. In addition, an around the pump foam system capable of up to 2000 gpm is available. Water works has a built in pressure relief valve and a five device foam connection manifold with a valved tank fill/ transfer connection.

## Foam Concentrate Selection

FoamChariot® II's dual tote design was developed to maximize on scene time. When used with a 500 gpm monitor and 1-3% AR-AFFF on crude oil or RBOB gasoline, FoamChariot® II at 1% has run a time of 132 minutes. When used at 3% on ethanol or E-85, run time is 44 minutes. Single axel FoamChariot® I version runs half that time. FoamChariot® III (triple) at 1000 gpm runs 95 minutes @ 1% and 31 minutes at 3%.

Foam quarter life is key to economy of use when it comes to water needs and concentrate use when dealing with post fire security or long term vapor management assignments associated with crash or large spills that last for hours. When used with National Foam's Universal Gold 1-3% AR-AFFF, staying power (quarter life) is 20-25 minutes at 3% and almost one hour between applications when proportioned at its super suppression setting of 6%.



Chesterfield, VA





## Why a tote trailer?

- Totes are industry standard, fork-lift ready storage and shipping containers.
- Tote trailers are much less expensive than large, heavy poly tank units.
- Totes allow gauging remaining liquid from a great distance.
- The single axel FoamChariot I® tote trailer can be stored in a six-foot by six-foot space.
- Units are available in single, dual and triple configurations.
- Totes are available in 265 - 275 and 330 gallon sizes.
- Tote Trailers lend themselves to dual-agent system designs.
- Heat wraps allow use or storage in sub-freezing environments.



Foam Chariot® I - 6,000 GVW - 78" x 78" - Single 275 or 330 gal. tote. Eleven, State of PA Emergency Mgt.



23 gpm electric transfer pump kit. Richmond, CA



Triple hinge hose / equipment storage boxes. Sonora, Mexico



Foam Chariot® III - 4,000 gpm. 16,000 GVW. Wilmington N.C. - Portland M.E.

Manages a 3500 sq. ft. spill fire, or cover a leak.



30,000 gal. rail car (ethanol) Alexandria, VA



Appliance operations gauge Dearborn, MI



Dismounted, 300 ft. from FoamChariot's eductor.



Oscillates 40 degrees, manned or unmanned. Upton, MA



Dismounted foam monitor at gasoline tanker crash.



Collins Mississippi



Entrapment with a 3000 gal. gasoline spill - Pompano, FL



Four levels of onsite training.





# FoamChariot II<sup>®</sup>

Combat Support Products, Inc. Fuquay-Varina, NC - U.S.A.  
A division of Cottrell Associates, Inc.

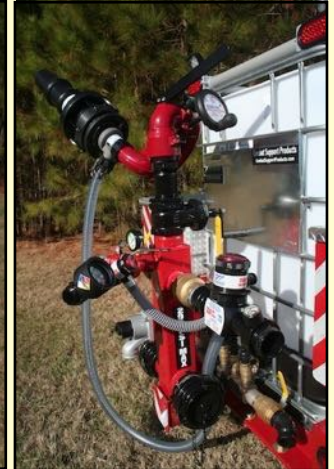
Contact Cottrell Associates, Inc. sales at 910-707-0309  
CombatSupportProducts.Com



500 - 750 -1000 GPM Foam Monitor



NFPA Lights & Stripes - Optional



Front or Rear Firefighting Station



Three Door Hose/Storage Box - 0.25"



Dismounted Foam Monitor



BudgetBuggy W/ 500-750 Monitor

Starting at \$17,700 Add for foam



Radio Transfer Pump Kit



9 ft. Hose Box Option



Operators Gauges



Auto Tank Vents



7 Hr Battery Power

FoamChariot<sup>®</sup> II is a stable, self contained, rapid deployment asset, designed for firefighting and spill security where truckload or railcar quantities of ethanol and ethanol / gasoline blends are involved in fire or catastrophic spills. FoamChariot<sup>®</sup> II is designed for fire departments having ample storage space, towing capacity and tight budgets. FoamChariot<sup>®</sup> II can be towed with a 3/4 ton truck and stores in a 6.5 ft. x 15 ft. space. FoamChariot<sup>®</sup> II is NFPA 1901 compliant can be stored outdoors where equipped with freeze protected AR-AFFF.

FoamChariot<sup>®</sup> II's consolidated frame and tote retaining scheme is key to this unit's (patent pending ) compact, 6'.5" ft. x 15 ft. storage footprint, which include: three point leveling, dual 5000 lb. torsion axels and electric brakes. FoamChariot<sup>®</sup> II is surprisingly stable and rated at highway speed, carrying 550 or 660 gal. of alcohol resistant foam concentrate. Also available is a single FoamChariot I<sup>®</sup>.