



FoamChariot I

CRUDE OIL / ETHANOL BUDGET BUGGY

Combat Support Products, Inc. Fuquay-Varina, NC - U.S.A.

A division of Cottrell Associates, Inc.

Contact Cottrell Associates, Inc. sales at 800-393-4032
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Rail Yard or Marketing Terminal Firefighting Asset

500 or 750 GPM
275 or 330 gal.
(1040 - 1250 L)



In Stock Delivered As Pictured

FoamChariot® I Budget Buggy is a, compact, stable, self contained, rapid deployment asset, designed for quick use by fire departments at rail yard or marketing terminal events where truckload or railcar quantities of crude oil, ethanol and ethanol / gasoline blends are involved. FoamChariot® I Budget Buggy is designed for commercial users having little storage space, limited towing capacity and tight budgets. It can be towed with a 1/2 ton SUV and stores in a 6.5 ft. space with tow bar stowed under. FoamChariot® I Budget Buggy can be stored outdoors when equipped with freeze protected foam and comes with a full, heavy duty vinyl cover. FoamChariot® I's (patent pending) consolidated frame and tote retaining scheme is key to this unit's compact, 6'5" ft. storage footprint, which include: four point leveling and a single, 5000 lb. torsion axel with electric brakes. FoamChariot® I is surprisingly stable and rated at highway speed, carrying 275 or 330 gal. of foam concentrate. Also available in dual-tote configurations. Contact: info@CombatSupportProducts.com or our sales office at 800-393-4032



Combat Support Products, Inc. FoamChariot® I Data Sheet

FoamChariot® I is a patent pending, 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® I is designed for fire departments having little storage space, limited towing capacity and tight budgets. FoamChariot® I can be towed with a 1/2 ton SUV and stored in a 6.5 ft. space with tongue stowed under. FoamChariot® I can be stored outdoors when equipped with an optional heat wrap and UV resistant cover.

FoamChariot® I's consolidated frame and tote retaining scheme is key to this unit's patent pending, compact, 6'.5" ft. storage footprint, which include: four point leveling and a single, 5000 lb. torsion axel with electric brakes. FoamChariot® I is rated at highway speed, carrying 275 or 330 gal. of alcohol resistant foam concentrate.

FoamChariot® I comes standard with a 500 or 750 gpm foam monitor. 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 foam concentrate transfer pump.

When equipped with remote control option, FoamChariot® I's monitor can be safely operated at a distance of 600 ft. Front or rear mounted firefighting station operates at ground level, eliminating the traditional, climb-on operators deck. FoamChariot® I's firefighting station includes two LDH supply inlets, two, 2.5" discharges, pressure relief valve and a four device foam connection manifold with a valved tank fill/ transfer connection.



6.5 ft. x 6.5 ft. x 7 ft." tall with 5 ft." tow bar removed



Foam Concentrate Selection

FoamChariot® I's single tote design was developed to maximize on scene time at half the weight and storage space needed for a typical 17 to 20 ft., dual tote or poly tank trailer that use 3-6% AFFF. When used with 1-3% AR-AFFF on gasoline or crude oil at 1%, run time is 66 minutes. When used at 3% on ethanol, run time is 22 minutes.

Foam quarter life is key to economy of use when it comes to water needs and concentrate use when dealing with post fire security at long term vapor management missions associated with crash and large spill events that last for hours.

National Foam Universal Gold's 1-3% staying power (quarter life) is 20-25 minutes at 3% and almost one hour at its 6%, super suppression setting.

Universal Gold is U.S.C.G. approved with U.L. 1% and 3% listings for use on hydrocarbon fuel (crude oil) spills, using fire department (type III) firefighting appliances. Additionally, due to Universal Gold's clean, low fluorine formulation it can be used at 1/2% as a wetting agent on class a fuels. Universal Gold uses no federally reportable ingredients in its formulation.