



Combat Support Products, Inc. FoamChariot II® Data Sheet

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.

FoamChariots® are much less expensive than heavy, single poly tank alternatives. Available with NFPA visibility package, night operation lighting and a 23 gpm radio controlled foam concentrate transfer pump.

FoamChariot® II's consolidated frame and tote retaining scheme is key to this unit's patent pending compact footprint. All devices operate from ground level. FoamChariot® II has dual 6000 lb. torsion axels with ample braking and available with optional parking brakes. FoamChariot® II is rated at highway speed, carrying 550 or 660 gallons of firefighting foam concentrate.

FoamChariot® II comes with an adjustable flow (500, 750 or 1000) gpm foam monitor and can accommodate up to 2000 gpm. Accumulator concentrate system insures both tanks draw down equally during use, insuring a balanced load while in transit. Optional firefighting equipment includes: self-flushing 125 gpm hand-line eductors and nozzles with provisions for a dismounted, oscillating foam ground monitor.



L 15.5 ft. x 6.5 ft. W x 7 ft. Tall



Now available with dry-powder station



Cabinets: six foot weather tight, triple hinge hose/storage cabinet left and dual 36" x 18" x 18", locking cabinets right.

When equipped with remote control option, FoamChariot® II's monitor can be safely operated at a distance of 600 ft. Front mounted 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, pressure relief valve and a five device foam connection manifold with two valved tank fill/ transfer pump connections.

Foam Concentrate Selection

FoamChariot® II's dual tote design was developed to maximize on scene time. When used with a 500 gpm monitor and 3% foam, Chariot II has 44 minute run time with 150 ft. of reach.

Foam residence time (¼ life) is key to economy of use when it comes to water needs and concentrate use; particularly when dealing with post fire security or long term vapor management associated large spills that can last for hours. When used with National Foam's Universal F³ Green 3% AR-SFFF, staying power (quarter life) is two+ hours between applications. When proportioned at 6%, foam residence time is out to five hours. Universal F³ Green can be used at 1/2% to 1% as a wetting agent on class A fuels.



Chariot II Airport Nurse



550 gallon nurse

275, 330, 550, 660 or 990 gallon FoamChariot nurse. Transfer pump only, no firefighting station,



23 gpm electric transfer pump kit

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



Triple hinge hose or equipment storage boxes.



Appliance operations gauge



30,000 gal. rail car leak (ethanol)



Dismounted, 300 ft. from FoamChariot's eductor.

Oscillates 40 degrees, manned or unmanned.



Dismounted foam monitor at gasoline tanker crash.



Rear operations station

Single 330 gal.



2400 gal. gasoline with entrapment.

