

MOBILE FOAM CART (POLYETHYLENE TANK)

HARDWARE

Features

One person operation

Rugged frame

**130 litre (35 gallon)
polyethylene tank**

**38 mm or 64 mm (1.5" or 2.5")
1.5" inline eductor, mounted**

**Hose storage rack capable of
holding 15 m (50 ft) fire hose**

**Heavy duty industrial
406 mm x 102 mm (16.0" x 4.0")
wheels and tyres**

Description

The SOLBERG® Mobile Foam Cart is designed and constructed for one-person operation. This foam station can function at its full potential quickly in an emergency situation.

Foam concentrate is stored in a 130 litres (35 gallon) polyethylene tank equipped with a 250 l/min (66 gpm), 400 l/min (106 gpm) or 800 l/min (211 gpm) eductor and pick-up tube. The pick-up tube is connected to the tank and utilizes a metering device to determine what percentage of foam concentrate is introduced into the water stream. On the inlet of the eductor, a supply fire hose is connected that delivers water from an independent source.

A fire hose and discharge nozzle are connected to the outlet. When in operation, water flows through the eductor creating a vacuum that draws foam concentrate out of the tank to the metering valve of the eductor and into the water stream, delivering foam solution to the nozzle.

Note: gpm (l/min) of nozzle and eductor must match or unit will not operate as intended.

Application

The SOLBERG Foam Cart is designed to provide firefighting capabilities to multiple hazard areas containing Class B fuels. Common high-hazard high-risk areas include:

- Flammable liquid storage
- Mining operations
- Paint storage areas
- Tank farms
- Wood manufacturing/ processing areas

Specifications

The foam cart consists of a 130 litre (35 gallon) polyethylene foam concentrate tank. The frame is constructed of carbon steel tube and angle. Eductor material is brass. The eductor is either a 38 mm (1.5") or 63 mm (2.5") inline eductor with pick-up tube and

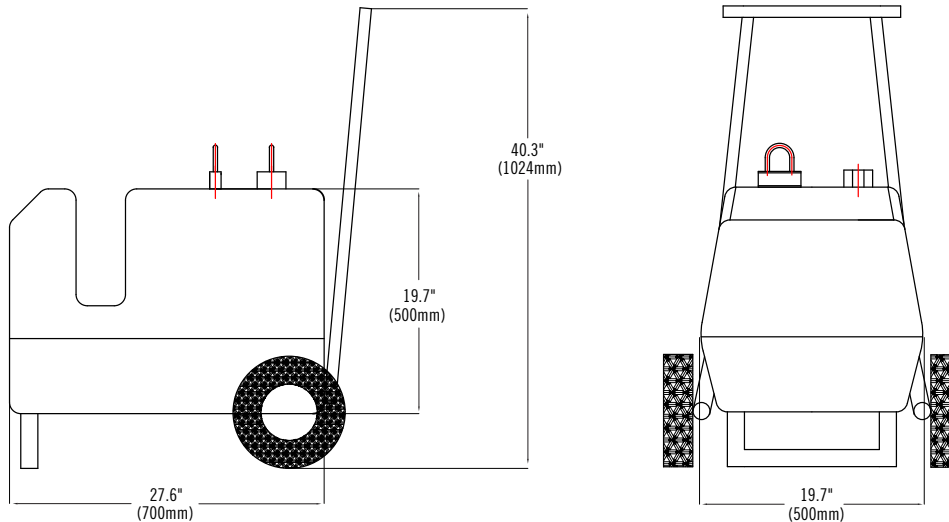


metering valve for adjustment of 3% or 6% proportioning. One 15 m (50 ft) hose length with threaded couplings is provided. The inlet hose is 38 mm x 15 m (1.5" x 50') or 63 mm x 15 m (2.5" x 50') coupled and the outlet hose is 38 mm x 15 m (1.5" x 50') or 63 mm x 15 m (2.5" x 50') depending on model type. Handline nozzle is included. Alternative (customer-supplied) handline nozzles capable of use with the foam cart include medium expansion, air-aspirated and non-air aspirated nozzles with the same l/min (gpm) as the eductor.

Options

- STORZ fittings
- 38 mm x 15 m (1.5" x 50') hose
- 64 mm x 15 m (2.5" x 50') hose
- 250, 400 or 800 l/min (66, 106 or 211 gpm) by-pass manifold – stainless steel
- Hydrant-spanner wrench set
- For use with Solberg foam concentrates (RE-HEALING™, ARCTIC™, FIRE-BRAKE™)
- Vinyl cover

Dimensional Information



Ordering Information

MOBILE FOAM CART

PART NO.	DESCRIPTION	APPROXIMATE SHIPPING WEIGHT		APPROXIMATE VOLUME
		lb	kg	L x D x H
33002	Mobile Foam Cart, Polyethylene Tank, 130 litre (35 gallon), 250 l/min (66 gpm)	154	70	25" x 30" x 55"
33003	Mobile Foam Cart, Polyethylene Tank, 130 litre (35 gallon), 400 l/min (106 gpm)	154	70	635 mm x 762 mm x 1400 mm
33004	Mobile Foam Cart, Polyethylene Tank, 130 litre (35 gallon), 800 l/min (211 gpm)	156	71	