



First Strike Fire Fighting



150 Litre Cart Unit

The Fireexpress 150 litre cart unit with a pump driven unit is a self-contained system suitable for use in many locations.

The unit has as standard a petrol engine, but can be fitted with a diesel engine. The engine drives a self priming membrane pump preset at 37 bars. It has an integrated 150 litre water tank and a foam dosing system with a 12 litre container for AFFF foam.

Via a selector switch, it is possible to choose either to spray with a water/foam solution or only water. The foam percentage can be preset between 1 and 6% depending on the installed orifice.

From the pump the water is forced into a 50 metre discharge hose, which is connected to the Fireexpress lance. The lance is operated via a pistol grip. The hose can be extended up to a length of 100 metres.

It is able to deliver 30 litres of water per minute or 150 litres of aspirated foam per minute at a range of 15 metres for micro-drops and 18 metres for a jet of foam at a 50 metre discharge hose.

A suction system for suction of water from external water sources such as rivers, lakes, the sea or other water sources can be installed. The system can be used simultaneous with using the fire fighting system or to fill the water tank in approximately 4 minutes.

The cart unit is used for fighting fires in relative close proximity to the location of the unit. The mobility of the system makes it very useful in industrial areas such as factories, warehouses, car decks and engine rooms on ships etc. aircraft hangers etc.



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Engine type:	Petrol engine with both electric and manual start (standard)
Engine fuel tank capability:	Min. 3.1 litres, sufficient for 1.8 hours of operation at full output (petrol engine)
Pump:	Self priming membrane pump
Pump pressure:	Preset at 37 bars (recommended pressure)
Spray device:	Firexpress lance with patented dual nozzle
Nozzle pressure:	30 bars at pump pressure of 37 bars and 50 metre discharge hose
Lance measurements:	104 cm long, 4 kg
Spray options:	Micro-drops or jet of aspirated foam as selected by operator with instant change
Stream options:	Continuous stream or manual pulsing
Spray range:	15 metres for micro-drops and 18 metres for a jet of foam at 50 metre discharge hose
Water tank:	150 litre fibre glass tank, sufficient water for 5 minutes on constant spray
Filling of water tank:	11 cm hole at the top with filter for dump filling
Flow:	30 litres per min. (micro-drops), 150 litres per min. (aspirated foam)
Foam system:	Integrated foam dosing system with 12 litre foam container
Recommended foam solution:	3% AR-AFFF (alcohol resistant) foam solution
Foam expansion:	Low expansion rate, approximately 1:5
Discharge hose:	50 metre ½" hose on a hose reel with manual rewind
Hose type:	Oil resistant, temperature range -40° C to +100° C, produced according to EN 854
Corrosion resistance:	Shell of pump driven unit – powder coated aluminium Base plate of pump driven unit – stainless steel type AISI 304 Water tank – fibre glass Frame – powder coated carbon steel
Battery:	A 12 volt, 40 Ah battery is built into the unit
Optional accessories:	Flat jet spray adaptor, orifice for adjusting foam percentage, hose guide rollers, discharge hose up to 100 metres, hour metre, suction system with 5 metre 1" hose and floating filter with stainless steel mesh for sucking up water from external water sources (filling speed is 38 litres per minute, full tank is achieved in 4 minutes), AFFF fire fighting foam.
Dimensions (W x D x H):	118 x 80 x 107 cm
Weight:	147 kg empty (pump driven unit, hose reel with 50 metre hose, lance, battery, water tank)
Fire fighting capability:	Able to fight class A, B, C and E fires Tested according to EN 3-7 standard Tested for use on electrical fires and suitable for use up to 10,000 volts

Product information and specifications are subject to change without notice.
The photograph might depict optional accessories.

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