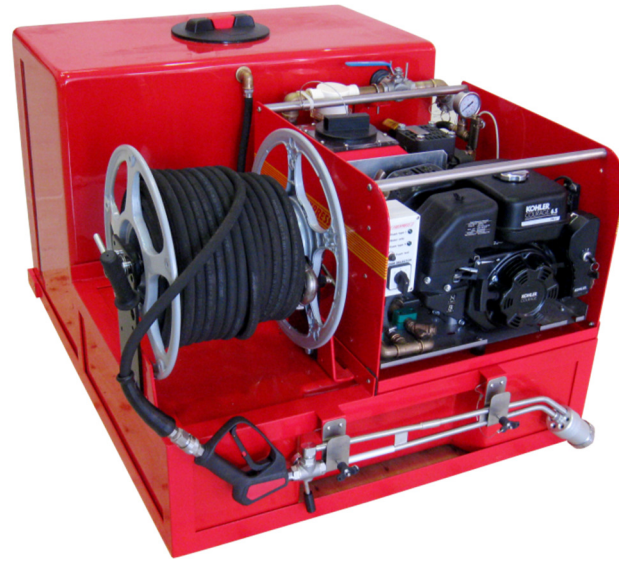




First Strike Fire Fighting



500 Litre Tank with Pump Driven Unit

The Fireexpress 500 litre tank with a pump driven unit is a self-contained system suitable for use in many locations.

The unit has a diesel engine, which drives a self priming membrane pump preset at 40 bars. It has an integrated 500 litre water tank and foam dosing system with a 12 litre container for AFFF foam.

The system can have a secondary foam dosing system installed to either increase the quantity of fire fighting foam or for carrying detergent/hazmat foam. Via a selector switch, it is possible to choose using foam from either foam container or no foam at all. 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 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 the micro drops and 18 meter for the foam jet.

Baffle plates are installed inside the water tank to increase stability during transport.

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 approx. 13 minutes.

The tank unit can be placed on the platform of a pick-up or in a central location to cover a large area, e.g. inside a building. The tank unit can be mounted with a bottom frame for enabling transport by a fork lift.



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Engine type:	Diesel engine with both electric and manual start (standard)
Engine performance:	3,600 revolutions per minute
Engine fuel tank capability:	Min. 4.3 litres, sufficient for 3 hours of operation
Pump:	Self priming membrane pump
Pump pressure:	Preset at 40 bars (recommended pressure)
Spray device:	Firexpress lance with patented dual nozzle
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 meter foam jet at 50 metre discharge hose
Water tank:	500 litre aluminium tank, sufficient water for 17 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 reel with manual rewind
Hose type:	Oil and temperature resistant (-40° C up to +100° C) 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 – powder coated aluminium
Electric requirement:	12 volt, min. 30 Ah recommended (petrol engine)
Optional accessories:	Secondary foam dosing system, flat jet spray adaptor for penetration of forest floor, orifice for adjusting foam percentage, noise reduction compartment, extension discs for hose reel, hose guide rollers, discharge hose up to 100 metres, 12 volt battery, transport pallet, 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 13 minutes), BS 336 or Storz coupling for fast filling, AFFF fire fighting foam
Dimensions (D x W x H):	128 x 101 x 77 cm
Weight:	197 kg empty (pump driven unit, hose reel with 50 metre hose, lance, water tank)
Fire fighting capability:	Able to fight class A, B, C and E fires Tested according to EN 3-7 standard Approved for electrical fires up to 10,000 volts

Product information and specifications are subject to change without notice.

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