



**FIREEXPRESS®**

*First Strike Fire Fighting*



## 50 Litre CAFS Trolley Unit

The CAFS Trolley unit with the Firexpress dual lance and a 50 litre tank is a self-contained system for premixed water and foam. The system is driven by compressed air delivered from a standard 6.0 litre air tank filled to 300 bars.

The design allows high water to weight ratios and the system is noise and pollution free. Operating the unit is very uncomplicated due to the simplicity. From the 50 litre tank, the premixed water and foam enter the discharge hose, which is connected to the dual lance. The dual lance is operated via a pistol grip and via a selector handle the operator can extinguish the fire with a combination of long-range cloud of micro-drops and compressed air foam.

The micro-drops can be sprayed out to a range of 11 meter while the concentrated jet of foam has a range of 13 meter.

The micro-drops are highly efficient on most classes of fires with its high protection from radiant heat, superior cooling effect and displacement of oxygen from the proximity of the fire.

The foam adhering to the flammable material cool the burning material and creates an effective separation layer that shields the flammable material from the ambient air and improves the safety against back-burning. The foam is highly effective on embers in fibrous materials and fires in flammable liquids.

The trolley unit is used for fighting fires in relative close proximity to the location of the unit. The unit has four wheels which makes it easy to move the unit around over shorter distances

The mobility of the system makes it very useful in industrial areas such as factories, warehouses, car decks and engine rooms on ships, aircraft hangers etc.



## First Strike Fire Fighting

Propellant:	Compressed atmospheric air
Pressure source:	6.0 litre air tank of steel for 300 bar pressure
Working pressure:	Preset at 20 bars
Spray device:	Fireexpress lance with patented dual nozzle
Nozzle pressure:	13 bars
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:	Continues stream or manual pulsing
Spray range:	11 metres form micro-drops and 13 metres for foam jet
Water/foam tank:	50 litre stainless steel water/foam tank, sufficient for 136 seconds on constant spray
Flow:	22 litres per min. (micro-drops), 110 litres per min. (aspirated foam)
Recommended foam solution:	3% AR-AFFF (alcohol resistant) foam solution, premixed in water
Foam expansion rate:	Low expansion rate, approximately 1:5
Discharge hose:	10 metres ½” hose winded on rack
Hose type:	Oil and temperature resistant (-40° C up to +100° C) according to EN 854
Corrosion resistance:	Frame – painted steel Water tank – stainless steel type AISI 304
Safety features:	Two pressure safety valves (26 bars and 40 bars) Non-return valve between pressure regulator and water/foam tank
Optional accessories:	Air tank, extension of discharge hose, filling kit, valve with pressure gauge for air tank, flat jet spray adapter for penetration of forest floor
Dimensions (D x W x H):	62 x 56 x 112 cm – 65 kg
Firefighting capability:	Able to fight class A, B, C and E fires Tested according to EN 1866 IVB (Class A and B fires) Approved for electrical fires up to 10,000 volts

Product information and specifications are subject to change without notice.

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