Used in situations ranging from fire to decontamination, the Merlin is the perfect multi-purpose tool for any first responder. Chosen by FEMA and other federally funded agencies, the Merlin can be deployed independent of any umbilical support and has twin-tanks for the storage and use of a multitude of foams and decontamination agents.

Versatility makes the Merlin perfect for a wide variety of emergency applications. It is specially designed for users wearing PPE, making it the ideal tool for HAZMAT and decontamination situations. The removable CAF module and drafting capability of the Merlin make it a truly innovative emergency response tool for today’s first responders.
Merlin® Handcart

PART NO:
w/o cylinder: M80100
w/cylinder: M80200

SPECIFICATIONS
System Dimensions: 50” (127cm) H x 21” (53.3cm) W
x 24” (61cm) D
Operating Pressure: 100 psi (6.9 BAR)
Liquid Capacity: 15 gal. (56.8 L)
Projection Distance: Up to 35’ (10.7cm)*
Foam Expansion: Up to 70:1*
System Weight Dry (w/o cylinder): 67 lbs (30.4kg)
System Weight Full (w/o cylinder): 192 lbs (87.1kg)
Hose: 20’ (6.1m), 3/4” (1.9cm) diameter
Nozzle: Intelagard Smooth Bore

FEATURES
Patented on-demand binary blending
Air compressor port
Drafting capability
Adjustments for flow balancing
Visual sight-tube level gauges
Pistol grip trigger-action handset
Wide mouth fill ports and drain plug facilitate system flushing and cleaning
Removable CAF module
Holds (2) air cylinders
Fully self-contained

OPTIONS
Wide selection of nozzles
Foam formulas
Custom handset diameters and hose lengths available
4500 psi (300 BAR) air cylinder
Drafting hose

* Depending on foam, hose and nozzle used