



## **Merlin® Handcart**

**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 independently 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.**



**INTELAGARD®**

303.309.6309 800.468.6090  
[www.intelagard.com](http://www.intelagard.com)

# Merlin® Handcart



## PART NO:

w/o cylinder: 46191601-V999

w/cylinder: 46191601-V801

## SPECIFICATIONS

**System Dimensions:** 49.25 in (125.1cm) H x 19.25 in (48.89 cm) W  
x 23.75 in (60.33 cm) D

**Operating Pressure:** ~100 psi (6.9 BAR)

**Liquid Capacity:** 14 gal (52.99 L)

**Projection Distance:** Up to ~45 ft (13.7 m)\*

**Foam Expansion:** Up to ~35:1\*

**System Weight Dry (w/o cylinder):** ~80.7 lbs (36.6 kg)

w/empty air cylinder + 13 lb (5.89 kg)

**System Weight Full (w/14 gal. (52.99 L) and full air cylinder):** ~224 lbs (101.6 kg)

**Standard Hose:** 20 ft (6.1 m), 3/4 in (1.9 cm) diameter

**Nozzle:** Intelagard Smooth Bore

## FEATURES

Patented on-demand binary blending

Variable foam composition between twin tanks

Ergonomic handcart provides convenient lifting  
points and smooth rolling operation

Adjustments for flow balancing

Visual tank content sight-tubes

Pistol grip trigger-action handset

Wide mouth fill ports and drain plug  
facilitate system flushing and cleaning

Air compressor port

Drafting capability

Removable CAF module

Fully self-contained

Removable CAF (Compressed  
Air Foam) module may be  
used for a variety of purposes.



## OPTIONS

Wide selection of nozzles

Foam formulas

Solid cart wheels

Custom handset diameters and hose lengths  
available

4500 psi (310.26 BAR) air cylinder

Drafting hose

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\* Depending on foam, hose and nozzle used