



**AVAILABLE DRIVERS**

Model 600  
20 to 250  
GPM

Model 800  
75 to 700  
GPM

Model 1000  
100 to 1100  
GPM

# AC Cart

## Portable Hydrant Cart

### Fluid power

Flow of the Fuel powers the Injector.  
**NO OUTSIDE POWER SOURCE NECESSARY**

### High Rate, Large Volume Additive Injection

typically for Airline Refueling

#### STANDARD FEATURES

- Inject up to 4 additives simultaneously
- Proportionate to flow injection
- Unique fluid-powered injection
- Product meters or pulsars not required
- Even and accurate blending
- Precise injection ratios
- 55 gallon drum carriage
- Parking brake
- Injection ratios: 0-4,000 PPM (depending on application)

#### EQUIPMENT OPTIONS

- Modular design allows for a 4th additive pump if required
- Stainless steel additive tanks, FSU-10 gallon; CI-2 gallon; SDA-2 gallon

### Injects up to 4 Additives SIMULTANEOUSLY

The AC Portable Additive System provides **precise ratio injection** of biocides, FSII (Fuel System Icing Inhibitor), corrosion inhibitors and anti-static compounds. Designed specifically for *high rate, large volume transfers*, these systems handle typical airline fueling operations. Although a 55 gallon drum capacity is standard, the AC Cart can be ordered with **additive storage up to 110 gallons**, sufficient to treat multiple large volume transfers. **Operation is automatic** with nothing to turn on and off or adjust. A single point connection from the hydrant vehicle into the cart, and the cart single point fueling nozzle into the aircraft is all that is required. Single and dual hose arrangements are available.

Over 11,000 injectors sold makes you **pretty confident.**

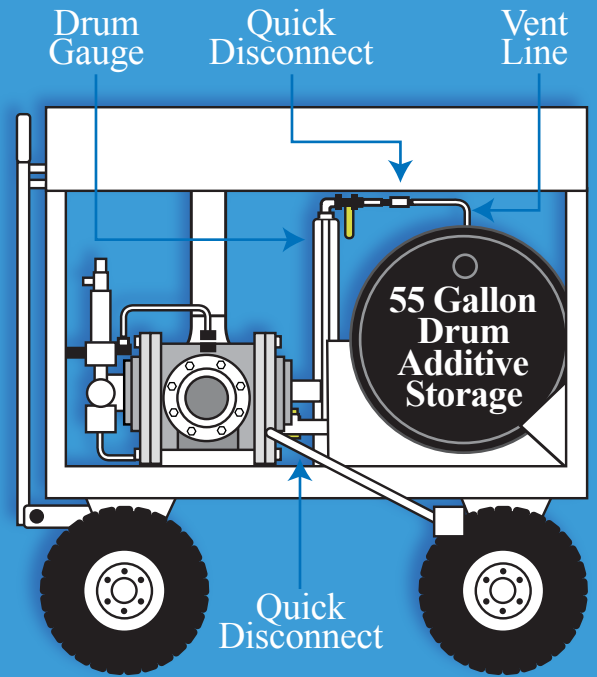


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\*NOTE: Pump Models Vary

## SPECIFICATIONS

- Hammonds Model 800 fluid motor
- Hammonds 1S pump for ratios up to 445 ppm
- Number of additives: 1 standard, 2, 3, or 4 optional
- Product Inlet: Single point receptacle
- Product Outlet: Single point fueling nozzle
- Injection ratios: 0-4000 PPM depending upon application
- 75-700 GPM (280 - 2650 lpm) continuous operation standard
- 50-750 GPM (190 - 2800 lpm) intermittent operation
- Product temperature range: -40° - +120°F (-40° - +50°C)
- Maximum product line pressure: 100 PSI
- 55 gallon drum rack with hold down
- Drum quantity level gauge
- HV Sight Flow Indicator with suction strainer
- Large capacity desiccant dryer
- Product hose: 15' x 2 1/2" aviation fueling hose
- Stainless steel flexible additive hose with quick disconnects
- Parking brake
- Static ground reel
- 4.80 x 8" (12 x 20 cm) F.O.D. tires
- Product viscosities: to 10,000 SSU
- Fuels, oils, additives, and liquid gases

## CONSTRUCTION MATERIALS

- Hard anodized aluminum or carbon steel
- Metering pump: All wetted parts 300 series stainless steel
- Elastomers: Aflas®, Viton® and Teflon®
- Mechanical Seal: Carbon on ceramic
- Overall dimensions: 47"W x 55.5"L x 57"H
- Weight: 1,000 lbs.



Hose Storage Tray with 2 1/2" Fuel Hose and Single Point Nozzle

