

## Rampmaster 5,000-Gallon *e-lectric*

<b>CHASSIS:</b>	Battle Motors LET II.
<b>DRIVE MOTOR:</b>	Cascadia IM425 electric motor.
<b>BATTERIES:</b>	Qty 8-30kWh CATL Lithium Iron Phosphate batteries with roof mounted battery chiller, and heated battery blanket to keep batteries at optimized temperature.
<b>CHARGER:</b>	Level 2 - 19.2kW or higher.
<b>DIGITAL DASH:</b>	Provides easy-to-read actionable data, diagnosis, and access to service manuals.
<b>AXLES:</b>	Dana Front Axle & Meritor Rear Axles.
<b>BRAKE SYSTEM:</b>	Full Air Brakes.
<b>SUSPENSION:</b>	Front Leaf Spring, Rear Chalmers.
<b>PUMP:</b>	300 GPM Hydraulic driven centrifugal self-priming Gorman Rupp pump.
<b>PUMPING CONTROL:</b>	RAMPMASTER Electric Management (flow control) System.
<b>FILTRATION:</b>	300 GPM filter vessel 5th edition Gammon filter differential pressure gauge Electronic water detection.
<b>HOSES/REEL/NOZZLES:</b>	One (1) electric rewind hose reel with manual rewind (for underwing hose). One (1) electric rewind hose reel with manual rewind (for overwing hose). One (1) 2" x 50' hose w/ underwing nozzle. One (1) 1 1/4" x 50' hose w/ overwing nozzle. (Second overwing optional).
<b>THROTTLE:</b>	Automatic.
<b>DEFUELING:</b>	Optional.
<b>METERING:</b>	300GPM Positive displacement meter with electronic registration.
<b>CONTROL PANELS:</b>	Ticket Printer, Register, Nozzle Gauge.
<b>PIPING:</b>	Schedule 5 stainless steel piping.
<b>INTERLOCKS:</b>	All underwing nozzles, bottom loading valve, and pump/drive selector.
<b>DEADMAN:</b>	Electric with Wrap up Hubs.

**EMERGENCY SHUTDOWN:** Two (2) quick access shut-offs located at right front and left front of tank corners.

**FIRE EXTINGUISHERS:** Two (2) Ansul fire extinguishers.

**TESTING:** Refueler is completely flow tested for proper operation of all controls and valves, meter is calibrated.

## **TANK**

**CAPACITY:** 5,000 + 3% gallons' shell full.

**COMPARTMENTS:** One (1) single.

**CONSTRUCTION:** Aluminum, fully baffled .DOT 406 construction.

**MANHOLE:** One (1) 20" diameter manhole with 10" fill, two (2) 2" fusible, vapor vent mounted in manhole  
Two (1) 20" diameter inspection manhole.

**VENTING:** Betts vent with interlock weather-hood and elbow.

**FLASHING:** Two (2) aluminum extrusions welded and air tested.

**WALKWAY:** Aluminum expanded metal walkway inside flashing.

**DRAINS:** Two (2) at rear, one (2) at front of tank.

**LADDER:** Aluminum bolt-on at rear with grip-strut steps and drain through risers.

**SENSOR PRECHECK VALVE:** One (1) Apollo ball valve.

**BOTTOM LOAD ADAPTER:** One (1) Aluminum 2½" bottom load valve.  
Bottom load adapters equipped with brake interlocks.

**STATIC TERMINAL:** At bottom load valve.

**WATER DRAIN VALVE:** One (1) Apollo ball valve in sump.

**PRODUCT LEVEL SENSOR:** Madison electronic level gauge.

**TANK VALVES:** One (1) 4" Internal bottom load valve. One (1) 3" Offload valve.

**TANK MOUNTING:** Tank mounted on chassis with neoprene sill.  
Sills have full length retaining strips.

**WARRANTY:** Contact RAMPMASTER for specific warranty information.

Specifications Subject to Change Without Notice