

7,000 Rampmaster RJ Standard Specifications

CHASSIS:	Freightliner M-2
ENGINE:	Cummins Diesel
TRANSMISSION:	Alison Automatic
AXLES:	Meritor Axles
BRAKE SYSTEM:	Full Air Brakes
SUSPENSION:	Front Leaf Spring, Rear Chalmers
MISCELLANEOUS:	Power Steering w/ Cooler, Air Dryer with heater, full instrument gauge package.

300 GPM

The pump module consists of all aluminum unpainted framework with non-paint stainless-steel piping, aluminum filter vessel and galvanized Vic connections. It contains forklift tracks, quick disconnects, gate valves, and snap-type air line and electrical connections. This enables the pump module to be removed in minutes from the Power Module.

PUMP:	300 GPM PTO driven centrifugal self-priming Gorman Rupp pump
PUMPING CONTROL:	RAMPMASTER Engine Management Flow Control.
FILTRATION:	300 GPM filter vessel 5th edition or a filter monitor Gammon filter differential pressure gauge 532 Water Slug Valve with the filter vessel option
HOSES/REEL/NOZZLES:	One (1) electric rewind hose reel with manual rewind One (1) electric rewind hose reel with manual rewind (for overwing hose) One (1) 2½" x 50' hose w/ Whittaker 2½" F-117 underwing nozzle One (1) 1½" x 50' hose w/ Whittaker 1½" OPW 295 overwing nozzle
THROTTLE:	Automatic
DEFUELING:	Gorman Rupp 3" x 2" FDF valve diverts to suction side of pump
METERING:	300 GPM LCR electronic meter with ticket printing register.
CONTROL PANELS:	Side mounted: contains nozzle pressure gauge, millipore taps (upstream and downstream of filters), and fuel – defuel selector.
PIPING:	Schedule 5 stainless steel piping
INTERLOCKS:	All underwing nozzles, bottom loading valve, and pump/drive selector.

DEADMAN: Air operated

EMERGENCY SHUTDOWN: Two (2) quick access shut-offs located at right front and left front module 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

WARRANTY: 10 years

CAPACITY: 7,000 + 3% gallons shell full

COMPARTMENTS: One (1) single

CONSTRUCTION: Aluminum, semi rectangular, fully baffled .250" aluminum heads, sides, and .313" bottom DOT 406 construction

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

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 (1) 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) Whittaker aluminum 2½" bottom load valve Bottom load adapters equipped with brake interlocks

STATIC TERMINAL: At bottom load valve

EMERGENCY VALVE: One (1) Whittaker aluminum 4" emergency valve with anti-splash deflector.

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

PRODUCT LEVEL SENSORS: One (1) two-stage Whittaker jet sensor

TANK MOUNTING: Two (2) kingpins to mate two fifth-wheels on Power Module.

TANK AXLE: 30,000 lb. capacity axle
Chalmers 30,000 lb. Suspension
20" wheels
11R22.5 tubeless tires

TANK LEVEL: Product level gauge

Specifications Subject to Change Without Notice