

10,000 Rampmaster Classic Specifications

CHASSIS:	Crane Carrier Chassis
ENGINE:	Cummins Diesel Engine
ENGINE EQUIPMENT:	Engine block heater 16.5 CFM Air compressor
COOLING:	1164 sq. in. 4 row core Radiator
AIR INTAKE:	Donaldson single stage dry air cleaner
EXHAUST:	Single horizontal exhaust system Mounted under front bumper with after treatment device. EPA compliant
TRANSMISSION:	5 speed automatic, Allison MD3060P world transmission with oil cooler and two cartridge filters. Incorporates electronic push button shift selector pad mounted in cab.
REAR/DRIVE AXLE:	Rockwell RF23180 - 25,000 lb. capacity, steerable, 9.76 ratio, Chalmers 30,000 lb. suspension 315/80R22.5 tubeless tires
FRONT AXLE:	Rockwell FL-943 – 16,500 lb. Capacity, steerable Flat leaf spring 18,000 lb. Suspension 22.5" x 9" one piece wheels 315/80R22.5 tubeless tires
AIR BRAKE SYSTEM:	Front: Wedge Rear: Wedge Cast Iron brake drums Wabco cartridge style air dryer
CHASSIS:	110,000 psi yield strength steel alloy frame with reinforcement plates 45 gal fuel tank SAE J844 Nylon tubing fuel and air lines Cab mounted entry steps Heavy duty steel bumpers with (2) tow eyes Battery box with two batteries and shut off switch
CAB TRIM & ACCESSORIES:	High visibility steel tilt cab Hydraulic tilt mechanism, mechanical lock Fiberglass front fender extensions Tinted window glass Black interior trim Air ride low back driver seat Full foam low back passenger seat Rubber black floor mats 40,000 BTU heater/defroster Electric horn
INSTRUMENTS:	Console type with front serviceable gauges

Electric speedometer and odometer
Oil pressure gauge
Dual air pressure gauges
Voltmeter
Engine water temp gauge
Fuel gauge
Hobbs hour meter
Separate starter button
Pump/Drive selector lever with indicator light

WARNINGS:

Low oil pressure lamp and buzzer with shutdown
High water temperature, lamp and buzzer with shutdown
Low air lamp and buzzer
Transmission Temperature lamp and buzzer

PUMP

The pump module 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:

800 GPM with integral power-take-off

LIFT PLATFORM:

Platform height - 73" For an Airbus A320 up to 140" for Boeing 777 and up-gradable to the Airbus A380.

PUMPING CONTROL:

Rampmaster Engine Management Flow Control

FILTRATION:

800 GPM 5 th edition filter vessel
Gammon filter differential pressure gauge
Gammon millipore sampling adapters (one upstream and one downstream of the filter monitor)
Air Eliminator

HOSES/REEL/NOZZLES:

One (1) hydraulic rewind hose reel (Single Wrap) with manual rewind
One (1) 2½" x 50' hose with Whittaker 2½" F-117 underwing nozzle
Two (2) 2" x 7' deck hoses with Whittaker 2½" F-117 underwing nozzles
and 3" OPW swivels
One (1) 4" x 96" Jac riser hose

THROTTLE:

High and Low control on lift platform, one speed on side reel

DEFUELING:

Gorman Rupp 4" x 3" FDF valve and eductor with check valve to prevent backwash to filter

METERING:

Liquid Controls 800 GPM meter with Lectro Count register Digital deck readout / rate of flow indicator

CONTROL PANELS:

Side mounted: contains 4" nozzle pressure gauge, fuel-defuel control
Deck mounted: contains 4" nozzle pressure gauge and high – low flow selector

PIPING:

Schedule 5 stainless steel piping

INTERLOCKS: All underwing nozzles, deck rails, bottom loading valve, and pump/drive selector.

DEADMAN: Electric Deadman

EMERGENCY SHUTDOWN: Three (3) quick access shut-offs located at right front and left front module corners as well as on lift platform.

FIRE EXTINGUISHERS: Two (2) Ansul AB fire extinguishers

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

TANK

WARRANTY: 10 years

CAPACITY: 10,000 + 3% gallons shell full

COMPARTMENTS: One (1) single

CONSTRUCTION: Aluminum, semi rectangular, drop frame, fully baffled .313" aluminum heads, sides, and 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 6" 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: Two (2) 33,000 lb. capacity axles
Chalmers 65,000 lb. Suspension
29580R x 22.5 tubeless tires

TANK LEVEL: Product level gauge

Specifications Subject to Change Without Notice