

10,000 Rampmaster **LS** Classic Specifications

CHASSIS:	Crane Carrier Chassis.
ENGINE:	Cummins Diesel Engine.
ENGINE EQUIPMENT:	Engine block heater- 18.7 CFM Air compressor-10 Gallon DEF Tank.
COOLING:	927 Front Radiator.
AIR INTAKE:	Cummins Filtration Direct Flow.
EXHAUST:	Single horizontal exhaust system mounted under front bumper with after treatment device. EPA compliant.
TRANSMISSION:	4 speed automatic, Allison 3000 RDS transmission with oil cooler. Incorporates electronic push button shift selector pad mounted in cab.
REAR/DRIVE AXLE:	Dana S35-590 / KGI Rear Dummy Axle.
FRONT AXLE:	Dana D2000W Dressed.
SUSPENSION:	Front - Taper Leaf 20,000 lb capacity with shocks. Rear – Chalmers 800 Series 80,000 lb tandem.
AIR BRAKE SYSTEM:	Front: Cast Iron brake drums Rear: Cast Iron brake drums - Bendix air dryer.
CHASSIS:	110,000 psi yield strength steel alloy frame with reinforcement plates. 60 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. 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. 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.
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 5th 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:	Electronic Meter. 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:	Electronic
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:	Frame mounted.
TANK LEVEL:	Product level gauge.

Specifications Subject to Change Without Notice