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Product
Hauled: Asphalt



Barrel Description

Model	ARJH 7500-1, Aluminum, Round, Jacketed, Hot product trailer, 49 CFR 173.247
Code	Non-code / 49 CFR 173.247
Capacity	7500 gallons (shell full)
Compartments	One
Shape	Straight, Round
Shell Material	Aluminum, .249" bottom, .219" top and sides. Two piece barrel with one circumferential weld.
Head Material	Aluminum, .219"
Operating Pressure	Atmospheric
Design Temperature	375 Degrees F.
Overall Length	42' 6"
Product	Asphalt

Other Barrel Information

Baffles	2	.249 aluminum full circle, flanged
Heat		None
Plumbing		None
Intransit		None
Weld finish		W-0 inside

Construction

Rings	Aluminum channel
Longerons	Aluminum channel
Frame	Aluminum
Dam	Aluminum construction
Dam Drains	1-1/2" polyethylene hoses, each side

Overturn Protection	2	Aluminum box type at spill dam.
Apron		.090 aluminum approximately 5" fore and aft of spill dam, from 3:00 to 9:00
Cleanout overturns		None
Manhole		Solimar 20" aluminum cover, single hold-down.#3906-P,with threaded wing nut style
Gasket		Viton hot product gasket in cover
Fill		None
Gasket		None
Splash deflector		Aluminum, deflector installed under manhole at bottom of tank.
Insulation		Fiberglass, 5" compressed to 4", with high temperature hold outs.
Thermometer		50-550 degree F., bulb type
Jacketing		.032 aluminum
* Jacketing		.032 aluminum, pre-painted black jacketing for center section only. Does not include jacket heads or belly pan.
Jacket heads		.063 aluminum jacket heads.
Underlayment		None
Capacity indicator		None
Static cable		No static cables installed.

Hose Carriers

* Hose Carrier	Aluminum trough 4" high x 8" wide x 22' long
* Carrier Location	Mounted curbside rear

Lights and Wiring

Lights	12-volt, Truck-Lite grommet mount LED lamp system complying to FMVSS. Combination center marker / turn signals, one each side.
Wiring	Plug-in style harness system.
Rear Lights	Enclosed in stainless steel light boxes
Nose box	Standard 7 way, J560 receptacle without circuit breakers.
Gladhands	Gladhand, Phillips, Quick Release

Undercarriage

Upper 5th Wheel	5/16" Standard duty upper coupler with Heavy duty double hubbed kingpin.
Paint	Fifth wheel plate painted black.
Landing Gear	Jost A440, 2-speed, load bearing, telescopic, with swivel type sand shoe.
* Landing Gear	Additional stainless steel bracing mounted to the front of the support legs.
Frame	Aluminum construction, bolt-on, load bearing

Bracing	Stainless steel, with cross brace.
Crank location	Crank handle located on roadside
Tire carrier	None.
Suspension	Hendrickson INTRAAX AANT23K tandem axle with 5.75" diameter Hendrickson integrated axles. Axle spacing to be determined by scale.
Lift Axle Control	None - no auto lift controls included
* Dump valve	Hendrickson manual dump valve AK-68. Specify location in notes.
Subframe	Aluminum subframe, 38" wide, AANT hanger provisions with aluminum fender supports.
Hangers	Galvanized hangers with soft coat applied to axle and trailing arm. For use on aluminum subframe with bolt-on hangers.
Bumper	Aluminum, straight, split, weld-on. D.O.T. code, per FMVSS223
Under-ride Protection	None (no under ride required, Wheels back exempt.)
Beam	Straight axle beam
Track	Axle track, 71.5"
Hub & drums	Hendrickson 5 year warranty, Ready to roll with Duralite hubs, cast drums and semi-fluid grease. OEM slack adjusters, seals, brake chambers and brake lining.
Anti-lock / Roll stability	OEM Standard 4S/2M with tandem axle roll stability for air-ride suspension.
Air system	One (1) aluminum tank system. 2850 cu. in. meeting FMVSS 121 D.O.T. specifications.
Emission Compliance	NA
Wheels	Original Equipment Manufacturer, 22.5 X 8.25 Aluminum polished wheels
Tires	Original Equipment Manufacturer, 11R-22.5, Load Range G 14 Ply.
Tire pressure system	No tire pressure system included.
Front	Aluminum, single contour, ribbed, front fender, each side.
Rear	Aluminum, double contour, ribbed, rear fender, each side.
Mud flaps	White, anti-sail and anti-spray with Polar logo, mounted front and rear.

Valving and Piping

Seal provisions	None
Sump	None
Emergency Valve	6" aluminum asphalt valve, welded in rear head ending in 4" thread. Outlet elbow sloped downward.
Pipe	None
Discharge location	Rear of trailer.

Outlet valve	None
Adaptor	4" aluminum threaded male adaptor.
Cap	4" aluminum dust cap
Sample Valve / Blow down	3/4" stainless steel ball valve on aluminum nozzle, attached to rear outlet elbow.
* Sample Valve / Blow down	3/4" sample valve installed in the rear head.
Suction Line	3" aluminum suction line from rear sump to over front fender, curbside, with Betts 3" FB-743-ALA aluminum Integral Hydrolet T-style valve ending in 3" thread.
Adaptor	3" aluminum male adaptor.
Cap	3" aluminum dust cap.
Venting and cleanouts	
* Venting	Insulated, aluminum asphalt free breathing vent, mounted in spill dam. Vent with capacity to load and unload with a closed manhole cover.
Pressure package	None
Cleanouts	None
Caps	None, No caps installed.
Walkway and Ladder	
Top center	None
* Curbside dam	12" aluminum walkway installed on four sides of dam.
Ladder	Aluminum tubular with grip steps and large step, bolt on.
Ladder Location	Mounted curbside
Cabinet	
Cabinet	None. No Cabinet installed.
Pump System	
Hydraulic Lines	None
Meter	None
Meter Installation	None
IntelliTANK	
IntelliSECURE	TANK Ai™ - None installed
Miscellaneous	
Decals	Standard warning and safety package. Decals in English.
Conspicuity Tape	Discontinuous tape
Customer Logo	None
Document holder	Truck Lite 97960 Certificate Holder. Install in standard location unless otherwise specified.
Calibration	Computer generated theoretical calibration chart, 1/4" increments. Based on innage.
Placards	None
Paint	None. No paint or primer installed on trailer.
Warranty	Polar standard two year.
Tests	Standard testing.

DISCLAIMER

Specifications are believed to be correct, but may contain errors and/or omissions. Photographs are the representative of the subject equipment but may not be identical.
Equipment availability, prices and specifications are subject to change without notice.