

HALE

TRAILER

BRAKE & WHEEL



A031420
VIN: 50288

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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
Jacket heads		.063 aluminum
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 LED grommet mount lights. Combination center marker / turn signals.
Wiring	Plug-in style harness system.
Rear Lights	Enclosed in stainless steel light boxes
Nose box	Standard 7 way, J560 receptacle with out circuit breakers.

Undercarriage

Upper 5th Wheel	5/16" Heavy duty with A.A.R. style double hubbed kingpin.
Paint	Fifth wheel plate painted black.
Landing Gear	Holland Atlas 55 2-speed
Frame	Aluminum construction, bolt-on, load bearing

Bracing	Stainless steel, with cross brace.
Crank location	Roadside
Tire carrier	None.
Suspension	Hendrickson Intraax AANT23K, 23000 lb., tandem axle with standard 49" axle spacing. 5 3/4" diameter Hendrickson integrated axles.
Hangers	Galvanized hangers with soft coat applied to axle and trailing arm. (Bolt-on suspensions with aluminum subframe only)
* Dump valve	AK-68 manual
Subframe	Extruded aluminum, with aluminum fender supports.
Bumper	D.O.T. code, aluminum, straight, split, weld-on.
Under-ride Protection	None (no under ride required, Wheels back exempt.)
Beam	Straight
Track	71-1/2" track
Spindle	P spindles (parallel) same inner and outer bearing
Wheel seals	Stemco Guardian
Hub & drums	Walther EMC, hub-piloted, Dura-light hub with cast drum
Brakes	S-cam, 16 1/2" x 7", Extended Service.
Anti-lock / Roll stability	Meritor 4S/2M with "RSS-Plus", tandem axle roll stability support system for air-ride suspension.
Brake chambers	TSE 3030
Brake lining	Extended service, non-asbestos
Slack adjusters	Haldex automatic
Valves	Sealco
Gladhands	Tramec
Air system	To D.O.T. specifications, single aluminum tank system, 2800 Cu. In.
* Wheels	Alcoa Ultra One with clean buff finish, 22.5 x 8.25 aluminum.
Tires	11R-22.5 Cooper RM120, 14-ply.
Mud flaps	White plastic with Polar logo, mounted front and rear.
Front	Aluminum contour
Rear	Aluminum contour

Valving and Piping

Seal provisions	None
Sump	None

Emergency Valve	6" aluminum asphalt valve, welded in rear head ending in 4" thread. Outlet sloped downward.
Pipe	None
Discharge location	Rear of trailer.
Outlet valve	None
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.
Adaptor	4" aluminum male adaptor.
Cap	4" 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 four sides of dam
Ladder	Aluminum tubular with grip steps and large platform step, bolt on.
Ladder Location	Mounted curbside
Cabinet	
Cabinet	None. No Cabinet installed.
Pump System	
Hydraulic Lines	None
Meter	None
Meter Installation	None
Miscellaneous	

Decals	Standard warning and safety package.
Conspicuity Tape	Discontinuous tape
Customer Logo	None
Document holder	Truck Lite #97960
Calibration	Theoretical paper chart, in 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.
Drawings	None.

DISCLAIMER

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