



Hale Trailer Brake & Wheel  
108379-108396



**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 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 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.

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Landing Gear	SAF Holland Atlas 55, 2-speed, load bearing, sealed gear box, 55,000 lbs. rated lift capacity with 10"x10" swivel type sand shoes. Black Armour coating. No Lube, 5 year Warranty.
Frame	Aluminum construction, bolt-on, load bearing
* Landing Gear	Additional stainless steel bracing mounted to the front of the support legs.
Bracing	Stainless steel, with cross brace.
Crank location	Crank handle located on roadside
Tire carrier	None.
Suspension	Hendrickson Intraax AANT23K, 23000 lb., tandem axle with standard 49" axle spacing. 5.75" 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-54 automatic dump valve (system exhausts the air from the air bags when the glad-hands are disconnected or when the parking brake is activated and automatically refills when glad-hands are reconnected).
Subframe	Extruded aluminum sub frame, standard width, with aluminum fender supports.
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
Track	71-1/2" track
Spindle	OEM Standard P spindles (parallel) same inner and outer bearing
Wheel seals	OEM Standard
Hub & drums	Ready to Roll, Duralite Hub with Centifuse Drum.
Miscellaneous	None
Brakes	OEM Standard
Anti-lock / Roll stability	OEM Standard 4S/2M with tandem axle roll stability for air-ride suspension.
Brake chambers	OEM Standard - Long stroke
Brake lining	OEM Standard Extended service, non-asbestos
Slack adjusters	OEM automatic slack adjuster.
Valves	OEM Standard
Gladhands	Gladhand, Phillips, Quick Release

Air system	One aluminum tank system. 2800 cu. in. each meeting FMVSS 121 D.O.T. specifications.
Wheels	Alcoa Ultra One with clean buff finish, 22.5 x 8.25 aluminum.
Tires	11R-22.5 Cooper RM120, 14-ply. GHG2 COMPLIANT.
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 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
<b>Cabinet</b>	
Cabinet	None. No Cabinet installed.
<b>Pump System</b>	
Hydraulic Lines	None
Meter	None
Meter Installation	None
<b>Miscellaneous</b>	
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.
* Paint	Polyurethane on center section, black
Warranty	Polar standard two year.
Tests	Standard testing.
Drawings	None.

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.