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Zach Brewer: zach@littlejohninc.com (ext. 1200)
 Thomas Turnbull: thomas@littlejohninc.com (ext. 1201)

Choose the Polar Hot Products trailer for your asphalt or hot oil operations. Polar's build not only is lightest hot products trailer on the market, but is also user friendly and easy to maintain. Call today for a price.

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

NT Brand

12810 County Road 17
 Holdingford, Minnesota 56340, USA
 Office: (320)746-2255 Fax: (320)746-2937
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Quote #: NT-38063.01

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 pre-painted black center band
Jacket heads		.063 aluminum
Underlayment		None
Capacity indicator		None
Static cable		No static cables installed.
Hose Carriers		
* Hose Carrier		Aluminum tube 8" diameter x 21' 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
Bracing	Stainless steel, with cross brace.
Crank location	Crank handle located on roadside
Tire carrier	None.
Suspension	Hendrickson Intraax AANT23K, tandem axle with standard 49" axle spacing. 5.75" diameter Hendrickson integrated axles.
* Suspension	Hendrickson Tandem with front suspension only as liftables, AANL/AAL Provision for the lift axle to be installed on the front axle.
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).
Hangers	Galvanized hangers with soft coat applied to axle and trailing arm. (Bolt-on suspensions with aluminum subframe only)
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

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Air system	One aluminum tank system. 2800 cu. in. each meeting FMVSS 121 D.O.T. specifications.
Emission Compliance	NA
Wheels	Alcoa Ultra One with clean buff finish, 22.5 x 8.25 aluminum.
Tires	11R-22.5 Cooper RM120, 14-ply. GHG2 CY 2020. CRR 5.8
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
Adaptor	4" aluminum 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
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Curbside dam	12" aluminum
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. 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.
Drawings	None.