



A032344
VIN: 180840

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Product

Hauled: Asphalt

Barrel Description

Model	SZJH 8500-1 HG2 201LN, High Gross, Round, Jacketed, Hot product trailer, 49 CFR 173.247
Capacity	8500 Gallons (Shell Full)
Code	Non-code / 49 CFR 173.247
Compartments	One
Design Temperature	500 Degrees F.
Head Material	201LN Stainless steel, 10 gauge.
Operating Pressure	Atmospheric
Overall Length	42' 6"
Product	Asphalt
Shape	Straight, Round
Shell Material	201LN Stainless steel, 7 gauge barrel. Two piece barrel with one circumferential weld.

Other Barrel Information

Baffles	2	7 gauge 201LN stainless steel full circle, flanged
Heat		None
Plumbing		None
Intransit		None
Weld finish		W-0 inside

Construction

Rings	Stainless steel channel
Longerons	None.
Frame	Stainless steel, 10 gauge cross members over kingpin and undercarriage.
Expansion Joint	Expansion joint between kingpin and landing gear
Dam	Stainless steel construction for High Gross weight.

Dam Drains		1-1/2" black polyethylene hoses, each side
Overturn Protection	2	Stainless steel box type at spill dam, High Gross Weight.
Apron		.090 aluminum approximately 5" fore and aft of spill dam, from 3:00 to 9:00
Cleanout overturns		None
Manhole		20" stainless steel cover, single hold-down
Gasket		Teflon hot product gasket in cover
Fill		None
Gasket		None
Splash deflector		Stainless steel, 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	None
Carrier Location	None

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	3/8" Heavy duty with double hubbed kingpin.
Paint	Fifth wheel plate painted black.
Landing Gear	Jost A440, 2-speed, load bearing, telescopic, with swivel type sand shoe.
Frame	Stainless steel construction

Bracing	Stainless steel, with cross brace.
Crank location	Crank handle located on roadside
Tire carrier	None.
Suspension	Hendrickson INTRAAX AAT25K tandem axle with 5.75" diameter Hendrickson integrated axles. Axle spacing to be determined by scale.
Dump valve	Hendrickson 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.
Lift Axle Control	None - no auto lift controls included
Hangers	Stainless Steel weld on hangers with soft coat applied to axle and trailing arm.
Subframe	1/4" Stainless steel high gross subframe, 38" wide with stainless fender supports.
Bumper	D.O.T. / TC compliant, straight, stainless steel bumper with welded cap.
Under-ride Protection	Stainless underride protection. Compliant with both FMVSS and CMVSS, including certification label as required.
Beam	Straight axle beam
Track	Axle track, 71.5"
* Hub & drums	Hendrickson 5 year warranty, Ready to roll, Maxx22T disc brakes with Duralite hubs, semi-fluid grease. OEM seals, brake chambers, brake lining and dust shields.
Anti-lock / Roll stability	Wabco 4S/2M with "RSS-Plus" roll stability support system for tandem (2) axle airride suspension set.
Air system	One (1) aluminum tank system. 2850 cu. in. meeting FMVSS 121 D.O.T. specifications.
Emission Compliance	NA
* Wheels	ALCOA ULTRA ONE 24.5 X 8.25 HIGH POLISH. ALCOA #98U637
* Tires	11R-24.5 Cooper RM872, 14-ply. GHG2 CY 2020. CRR 5.9
* Tire pressure system	Hendrickson TIREMAAX PRO tire inflation system 2 axles, RTR
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	Betts 4" mild steel asphalt valve, RH45919-MSA, welded in rear head ending in 4" threaded outlet.

Discharge location	Rear of trailer.
Outlet valve	None
Adaptor	4" Iron male adaptor.
Cap	4" iron dust cap
Sample Valve / Blow down	3/4" stainless steel ball valve on mild steel nozzle, attached to rear outlet elbow.
Suction Line	3" mild steel suction line from rear sump to over front fender, curbside, with Betts 3" FB-743-MSA mild steel Integral Hydrolet T-style valve ending in 3" thread.
Adaptor	3" iron male adaptor.
Cap	3" iron dust cap.

Venting and cleanouts

Venting	Insulated stainless steel asphalt free breathing vent, mounted in spill dam.
Pressure package	None
Cleanouts	None
Caps	None, No caps installed.

Walkway and Ladder

Top center	None
Curbside dam	12" aluminum
Ladder	Aluminum tubular with grip steps and large step, bolt on.
Ladder Location	Mounted curbside

Cabinet

Cabinet	None. No Cabinet installed.
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Pump System

Hydraulic Lines	None
Meter	None
Meter Installation	None

TANK Ai™

IntelliSECURE	TANK Ai™ - None installed
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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	Polyurethane on all carbon steel truck mount parts, 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.