



Hale Trailer Brake & Wheel 103789-103805

Barrel Description

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| 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

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

Construction

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| Rings | Aluminum channel |
| Longerons | Aluminum channel |

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| 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

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

Lights and Wiring

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| 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

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| 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 swivel type sand shoes. |
| 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 49in axle spacing. 5.75in 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 |
| 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 | 71.5in 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. |

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| Tires | 11R-22.5 Cooper RM120, 14-ply. GHG2 COMPLIANT. |
| * Mud flaps | OEM Mudflaps |
| Front | Aluminum, single contour, ribbed, front fender, each side. |
| Rear | Aluminum, double contour, ribbed, rear fender, each side. |

Valving and Piping

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| 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 | 3in aluminum male adaptor. |
| Cap | 3" aluminum dust cap. |
| Adaptor | 4in aluminum male adaptor. |
| Cap | 4" aluminum dust cap |

Venting and cleanouts

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| * 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

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| 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. Decals in English.

Conspicuity Tape Discontinuous tape

Customer Logo None

Document holder Truck Lite 97960 Certificate Holder. Specify Location.

Calibration Computer generated theoretical calibration chart, 1/4in increments. Based on innage.

Placards None

Paint None. No paint or primer installed on trailer.

* Paint Polyurethane on center section, black

* Warranty OEM Warranty

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.