

# HALE

## TRAILER

### BRAKE & WHEEL

## Hale Trailer Brake & Wheel

A005469-A005483

VIN: 117578-117592



#### Barrel Description

Model	AJB9 1040-1, Aluminum, Pneumatic dry bulker, Interior ring, Non-code trailer.
Code	Non-code
Capacity	1040 cubic feet, 3 hopper
Compartments	One
Shape	Round with 45 degree discharge hoppers. Internal ring with smooth exterior.
Shell Material	Aluminum, 5454H32 barrel, end cone, and upper hopper section.
Head Material	Aluminum, .3125
Operating Pressure	25 PSI
Design Temperature	185 Degrees F.
Overall Length	42'-6"
Product	Cement and Various other Dry Products; to be compatible with the materials of construction.

#### Other Barrel Information

Material Finish	Bright mill finish.
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#### Construction

Front	Aluminum extruded channel, bolted or integrated to center frame.
Rear	Aluminum extruded channel, bolted to center frame, small cube trailers less than 1400 cube.
Center	Aluminum extruded channel.
Struts	Aluminum extruded struts, standard duty at both ends.

* Manhole	3	MM4120, 20" cast aluminum cover, six long lever aluminum cam handles hold-downs with replaceable Nylon wear plates and dual stainless steel safety retainers, 4" collar.
Gasket	3	White neoprene gasket in cover, non-toxic.
Manhole Hinge Location		Manhole covers hinged to curbside of trailer.

#### Hose Carriers

Hose Carrier		Aluminum tube 8" diameter x 21' long. Tube to be mounted to the outer edge of brackets.
Hose Carrier Door		8" aluminum door, at rear. Door hinged at bottom.
* Carrier Location		Mounted curbside

#### Lights and Wiring

Lights		12-volt, Truck-Lite LED grommet mount lights. Combination center marker / turn signals, mounted on barrel frame.
Wiring		Truck-Lite 88 series plug-in style harness system.
Rear Lights		Enclosed in Aluminum light boxes.
* Rear Lights		1 additional LED stop / turn / tail light. Total of 3 lights in each box. Outside lights are red with center light to be amber turn.
Extra Lights		NONE.
Nose box		Standard 7 way, J560 receptacle without circuit breakers.

#### Undercarriage

Upper 5th Wheel		5/16" Standard duty upper coupler with Heavy duty A.A.R. style double hubbed kingpin. standard duty
Paint		Fifth wheel plate painted black.
* Landing Gear		Jost A440, 2-speed, load bearing, telescopic, with swivel type sand shoe.
Bracing		Stainless steel, with cross brace.
Crank location		Crank handle located on roadside
Tire carrier		None.
Suspension		Hendrickson Intraax AAT23K, tandem axle with standard 49" axle spacing. Hendrickson integrated axles.
Dump valve		None
Hangers		Galvanized hangers with soft coat applied to axle and trailing arm. (Bolt-on suspensions with aluminum subframe only)
Bumper		No bumper provided.
Under-ride Protection		None (no under ride required, Wheels back exempt.)

Beam	Inverted axle, humped up. NOTE: Axle diameter changes to 5" with this option.
Track	71-1/2" track
Spindle	OEM Standard P spindles (parallel) same inner and outer bearing
Wheel seals	OEM, standard w/ Hendrickson HXL
Hub & drums	HXL3, READY TO ROLL, Duralite Hub with Centrifuse Drum.
Miscellaneous	None
Brakes	OEM Standard
Anti-lock / Roll stability	Wabco 4S/2M with "RSS-Plus", tandem axle roll stability support system for air-ride suspension. Wired to auxiliary blue circuit.
Brake chambers	OEM type 30-30 long stroke parking-emergency spring brake.
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 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	OEM Mudflaps

**Hose hook**

Hose hook	Adjustable hose hook mounted at front of trailer with 3" dummy adapter on curbside.
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**Jumper Hose**

Jumper Hose	None.
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**Valving and Piping**

Seal provisions	None
* Discharge valves	3 5" BTI BlackMaxx #5B-795-501HD5N butterfly valves with composite fiber body, AlloMaxx disc and white MaxxLife FDA seat. Aluminum lever lock handle and 5-position throttle plate.
Discharge tee	3 5" X 4" B.T.I. "Siphon Flow", cast aluminum. #BT-500-A
Piping	4" Aluminum schedule 40 between hoppers, ending at last hopper.

Rear Discharge Pipe		4" aluminum schedule 40 discharge, under the axles, ending at the rear of the trailer.
Pipeline connectors		4" bolted groove type couplers mounted at rear of rear hopper and forward of first hopper with black gaskets. Black rubber hose with stainless steel clamps between hoppers.
Adaptor		4" aluminum male adaptor.
Cap		4" aluminum dust cap
* Air inlet		3" Aluminum on roadside with front elbowed upward. One (1) 3" BTI Black Maxx butterfly valve with Allomaxx disc, and white seat. Food Grade.
* Check valves		Two 3" BTI Optima flanged check valves, one forward of first hopper, one near front of air inlet line.
Adaptor		3" aluminum male adaptor.
Cap		None. Temporary plug for Shipping.
* Aeration		3" Aluminum aeration line controlled by 3" Black Maxx butterfly valve with Allomaxx disc disc and white seat. Three (3) BTI aerators per hopper.
* Aeration		2" lightweight aeration ball valve, BTV-2AV-FTHB, for individual hopper aeration. (3 hoppers)
Location		Aeration mounted roadside.
* Blowdown		3" Aluminum pipe and 3" BTI, BlackMaxx butterfly valve with composite fiber body, AlloMaxx disc and Maxxlife seat.
Relief Valve		2"BTI quick coupler Relief valve, BTVR-2650-25, in blowdown line. Relief valve to be accessible from ground level. Relief valve set at 25 PSI.
Top Air		None.
Pressure		Liquid filled, one for line pressure, one for tank pressure, enclosed in aluminum gauge box with light, located roadside, ahead of rear fender, facing forward. Pressure gauge range 0-30 PSI.
Delivery Hose		None.
* Aeration	0.75	Stainless steel hopper savers.(4 hoppers)

#### Walkway and Ladder

Top center	Non-skid tape, full length of barrel
Toe rail	1 1/4" aluminum pipe each side of walkway, full length
Ladder	Aluminum tubular with large step, bolt on
Ladder Location	Mounted at rear head, centered. With step below bumper.

#### Cabinet

