



Hale Trailer Brake & Wheel 104438 - 104445

Barrel Description

Model	APXC 1040-1, Aluminum, Pneumatic dry bulker, Interior ring, Non-code trailer. (CEMENT 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 to center frame.
Rear	Aluminum extruded channel, bolted to center frame.
Center	Aluminum extruded channel.
Struts	Aluminum extruded struts, single at both ends.
Manhole	3 MM4220, 20" aluminum cover, six hold-down with nylon wear plates and additional safety retainer.
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	8" aluminum door, at rear. Door hinged at bottom.
Carrier Location	Mounted roadside rear

Lights and Wiring

Lights	12-volt, Truck-Lite LED grommet mount lights. Combination center marker / turn signals, mounted on barrel frame.
Wiring	Plug-in style harness system.
Rear Lights	Enclosed in stainless steel light boxes
Extra Lights	Truck-Lite grommet mount LED model 60 oval stop light mounted on bracket, at rear.
Nose box	Standard 7 way, J560 receptacle without circuit breakers.

Undercarriage

Upper 5th Wheel	5/16" Heavy duty with A.A.R. style double hubbed kingpin.
Paint	Fifth wheel plate painted black.
Landing Gear	SAF Holland Atlas 55 with Black Armor coating, 2-speed, load bearing, sealed gear box, 55,000 lbs. rated lift capacity with swivel type sand shoes.
Bracing	Stainless steel, with cross brace.
Crank location	Crank handle located on roadside
Tire carrier	None.
Suspension	Hendrickson Intraax AAT23K, 23000 lb., tandem axle with standard 49" axle spacing. Hendrickson integrated axles.
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.
Track	71.5in track
Spindle	OEM Standard P spindles (parallel) same inner and outer bearing
Wheel seals	Stemco Guardian, standard w/ Hendrickson HXL
Hub & drums	Hub-piloted, Dura-light hub with centrifuse drum. Includes Hendrickson Extended life System "HXL". 7 year warranty. This package comes with Synthetic semi-fluid grease, seals, and wheel-ends.
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 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 COMPLIANT.
Mud flaps	White plastic with Polar logo, mounted front and rear.
Front	Aluminum, single contour, ribbed, front fender, each side.
Rear	Aluminum, double contour, ribbed, rear fender, each side.
Hose hook	
Hose hook	Adjustable hose hook mounted at front of trailer with 3" dummy adapter on curbside.
Jumper Hose	
Jumper Hose	None.
Valving and Piping	
Seal provisions	None
Discharge valves	3 5" Black Maxx butterfly valves with ductile disc, buna seat. ,#5B-600-530-HD10
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 discharge, under the axles, ending at the rear of the trailer.
Pipeline connectors	Rubber hose with stainless steel clamps, aluminum coupling forward of first hopper.
Adaptor	4in aluminum male adaptor.
Cap	4" aluminum dust cap
Air inlet	3" Aluminum on roadside with front elbowed upward. One (1) 3" BTI Black Maxx#3B-600-530-HD10 valve with Ductile Disc & buna seat.
Check valves	Two 3" Bayco check valves, one forward of first hopper, one near front of air inlet line.
Adaptor	3in aluminum male adaptor.
Cap	None. Temporary plug for Shipping.
Aeration	3" Aluminum aeration line on roadside controlled by 3" BTI Black Maxx #3B-600-530-HD10 butterfly valve with Ductile disc ,and Buna seat. Two one port aerators and one 3 port aerators . (3) BTI aerators per hopper.
Aeration Controls	2" lightweight aeration ball valve, BTV-2AV-FTHB, for individual hopper aeration. (3 hoppers)
Location	Aeration mounted roadside.
Blowdown	3" Aluminum pipe and 3" Black Maxx #3b-600-530-HD10 butterfly valve,ductile disc and Buna 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.
Adaptor	None
Adaptor	None

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 platform step, bolt on
Ladder Location	Mounted at rear head, centered. With step below bumper.

Cabinet

Cabinet	None. No Cabinet 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.
Placards	None
Paint	None. No paint or primer installed on trailer.
Interior Cleaning	Class I, as welded. Note: Interior cleaning is recommended prior to initial loading to avoid possible product contamination.
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.