



Hale Trailer Brake & Wheel 710525 - 710529



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	180 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	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 round stop light mounted at bottom of rear head.
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		Holland Atlas 55 2-speed
Bracing		Stainless steel, with cross brace.
Crank location		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)
Dump valve		None
Bumper		No bumper provided.
Under-ride Protection		None (no under ride required, Wheels back exempt.)
Beam		Inverted axle, humped up.
Track		71-1/2" 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		To D.O.T. specifications, single aluminum tank system, 2800 Cu. In.
Wheels		Alcoa Ultra One with clean buff finish, 24.5 x 8.25 aluminum.
Tires		11R-22.5 Cooper RM120, 14-ply. GHG2 COMPLIANT.
Mud flaps		White plastic, mounted front and rear.
Front		Aluminum contour
Rear		Aluminum contour
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, Allegheny aluminum coupling forward of first hopper.
Adaptor		4" aluminum male adaptor.

Cap	4" aluminum dust cap
Air inlet	3" Aluminum on roadside with front elbowed upward with 3" thread. 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	3" 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 in blowdown line. Relief valve to be accessible from ground level. Relief valve set at 15 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.
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.
Cabinet	
Cabinet	None. No Cabinet installed.
Miscellaneous	
Decals	Standard warning and safety package. Decals in English.
Conspicuity Tape	Discontinuous tape
Customer Logo	None

Document holder	Truck Lite #97960
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	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.