

HALE

TRAILER

BRAKE & WHEEL

Resale Inventory
A027252
VIN: 115546

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Barrel Description

Model	APX9 1660-1, Aluminum, Pneumatic dry bulker, Exterior ring, Non-code trailer
Code	Non-code
Capacity	1660 cubic feet, 4 hopper
Compartments	One
Shape	Round with 45 degree discharge hoppers. External ring, clean bore with no internal obstructions.
Shell Material	Aluminum, .190"
Head Material	Aluminum, .219"
Operating Pressure	15 PSI
Design Temperature	125 Degrees F.
Overall Length	44'
Product	Various; to be compatible with the materials of construction.

Other Barrel Information

Material Finish Bright mill finish.

Construction

Front	Aluminum extruded channel, bolted or integrated to center frame.
Rear	Aluminum extruded channel, bolted or integrated to center frame. Large cube trailers greater than 1400 cube.
Center	Aluminum extruded channel.
Struts	Aluminum extruded struts, standard duty at both ends.
Manhole	4 MM4220, 20" cast aluminum cover, six long lever aluminum cam handles hold-downs with replaceable Nylon wear plates and dual stainless steel safety retainers, 6" collar.

Gasket	4	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
* Hose Carrier		8" aluminum door at front and rear
* Carrier Location		Mounted curbside rear
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
* Extra Lights		Additional set(s) of combination marker / turn signals. Locate extra lights at rear of front light.
* Extra Lights		Truck-Lite grommet mount LED model 60 oval stop light mounted on bracket, at rear. Mount rear lights at bottom of the head out of the way for Customer decals.
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		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. 5.75" diameter Hendrickson integrated axles.
Dump valve		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).
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. (CAN NOT BE USED WITH AANT23K SUSPENSION)
* Track	77-1/2" track (Requires 44" Wide Subframe.)
Spindle	OEM Standard P spindles (parallel) same inner and outer bearing
* Wheel seals	Wheel seals with disc brakes.
* Hub & drums	HXL7 Ready to Roll, Maxx22T Disc Brake with Dura-light Hub
* Brakes	SEE HUB AND DRUM for brakes. Included in hub and drum option.
* Anti-lock / Roll stability	Bendix 4S/2M, tandem axle TABS-6 trailer roll stability system for air-ride suspension. wired to auxiliary blue circuit
* Brake chambers	SEE BRAKES for air chambers. Included with air disc brake option.
* Brake lining	SEE BRAKES for brake lining. Included with air disc brake option.
* Slack adjusters	No slack adjusters required, SEE BRAKES. Included with air disc brake option.
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.
Emission Compliance	NA
* Wheels	Alcoa 22.5 x 14 aluminum disc, ultra one with clean buff, super single wheels. Wheels are 2" offset.
* Tires	445/50R-22.5 Michelin X1 Line Energy T, super singles tires. GHG2 CY 2021+. CRR 4.3
* Tire pressure system	Hendrickson (Tiremaax "PRO") tire inflation system
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.

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		Seal provisions on all openings
* Sight glass		4" Regal sight glass, SGI-4 Installed to the rear of hopper #4
* Discharge valves	4	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 Piping		4" aluminum tee mounted ahead of front hopper, with 4" aluminum adapter and cap. To be used as an inspection port.
* Discharge Piping		4" aluminum schedule 40 discharge, under the axles, ending at the rear of the trailer.
* Discharge tee	4	5" X 4" B.T.I. "Siphon Flow", Low profile cast aluminum. #BT-500LP-A
Piping		4" Aluminum schedule 40 between hoppers, ending at last hopper.
* Pipeline connectors		4" BTI Black Maxx groove type couplers with cam handle mounted between hoppers, BTI Black Maxx 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. 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 swivel adapter #PT 30ASV, mounted at front air inlet. Female thread.
Cap		None. Temporary plug for Shipping.
* Aeration		3" Aluminum aeration line controlled by 3" BlackMaxx proportioning butterfly valve with composite fiber body, AlloMaxx disc and Maxxlife seat. Three (3) BTI spin flow aerators per hopper, with clear manifolds and white gaskets. End with 3" flange.
* Aeration		3" aluminum dust cap.
* Aeration		2" and 1 1/2" white food grade hose on aeration system.
* Aeration		2" lightweight aeration butterfly valve, BTV-2AV-FTHB, for individual hopper aeration. (4 hopper)
* Aeration		3" aluminum flanged male adaptor, 300-ALT-AL. Installed at end of aeration line.

* Location	Aeration mounted roadside.
* Blowdown	3" Aluminum pipe and 3" BTI, BlackMaxx butterfly valve with composite fiber body, AlloMaxx disc and Maxxlife seat.
* Blowdown	BTI critter stopper valve installed at end of blow down line.
* Relief Valve	2" BTI 15 psi pressure relief valve reachable from ground in top air blowdown line.
* Top Air Pressure	3" Aluminum pipe and 3" BTI BlackMaxx with composite fiber body valve, AlloMaxx disc and Maxxlife seat. 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. Should read Located to the rear of the front roadside fender facing rearward.
Delivery Hose	None.

Interlock

Interlock bar	No interlock bar installed.
Interlock valve	No interlock valves installed.

Venting and cleanouts

Pressure	None
Vacuum	None
* Cleanouts	6" aluminum schedule 40, threaded nozzle Installed in the rear head, offset to the roadside. to be used for vent line.
* Caps	6" aluminum dust cap
* Caps	6" aluminum male adaptor, female npt.

Walkway and Ladder

* Top center	Aluminum expanded metal between manholes, 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, offset to curbside

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 II. Interior welds polished. Nozzles and manholes cut flush. Suitable for the bulk transportation of dry plastic pellets, powders and/or plastic resins or other commodities including food grade products. 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

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