

HALE

TRAILER

BRAKE & WHEEL



A021564
VIN: 009388

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A General

1	Trailer Type	Aluminum
2	Code	Non-Code
3	Overall Length in Feet	43
4	Shape	Straight Round with Slope to the Rear
5	Operating Pressure	25 PSI with Full Vacuum
6	Max. Product Density	13 lbs./ U.S. Gallon
7	Max. Loading Temp.	150° F max. Operating Temperature
8	Product(s)	Products Compatible with Design of Tank
9	Warranty	One (1) Year Limited Warranty
10	Fifth Wheel Height	52"
11	Additional Regulation	Mass 99k Overweight Permit
12	Wheelbase	Engineering to Design to Optimize Payload
13	Road Design Application	Designed for on-road use only

B Barrel

1	Compartment(s)	One (1) compartment
2	Capacity	8,500 Gallons +1%
3	Baffles	Three (3) 1/4" 5052 Aluminum Baffles, with large bottom drain and 3" holes at 9, 12, & 3 o'clock positions
4	Shell	Two Section Aluminum 5454-H32 Barrel 0.249" 5454 H32
4a	Shell Finish	Enhanced Finish
5	End Heads	0.313" 5454 0 Temper Aluminum Flanged & Dished Heads, with 80% dish
5a	Head Finish	Enhanced Finish
6	Bulkheads	N/A
7	Manway(s)	Four (4) 20" Full Opening Manhole Assemblies; spaced on top centerline with the front Manhole to have Primary Shutoff.
8	Weld Finish	W-0 Inside and Outside - Free of Weld Spatter and Weld Smoke
9	Cleanout(s)	One (1) 20" Manhole located near bottom of rear head for easy cleaning purposes
10	Liner	Internal Spray-on Liner suitable for Brine Water, Septic, Leachate, and Etc. MAC LTT, Inc does not install or warranty liner.

Note(s): ***Sherwin-Williams Novaplate 360**

C Structure

1	Reinforcing Rings	3" Wide Aluminum External Rings fully welded to Shell
2	Frame	Extruded Aluminum Full Length Frame Design
3	Barrel Supports	Aluminum Outriggers at each Ring and Crossmembers at Load Bearing Areas
4	Overturn Protection	None-Optional
5	Overturn Drain(s)	None-Optional

D Running Gear		
1	Suspension	<i>Hendrickson Intraxx AAT30K, 30,000 lb.</i>
1a	Axle Spacing (inches)	60"
1b	ZMD Ride Bags	None-Optional
2	Axles	71 1/2" Track with 5.75" diameter; HP Spindles with Same Inner and Outer Bearings.
3	Number of Axles	Three (3)
4	Lift Axle(s)	None-Optional
4a	Ride Height Control	Standard Hendrickson Height Control Valve
5	Hub(s)	<i>Hendrickson MAXX22T Disc Brakes include DuraLite Hubs</i>
6	Drum(s)	N/A
7	Dump Valve	Automatic Dump Valve
8	Brakes/Brake Chambers	<i>Hendrickson MAXX22T Disc Brakes with Wabco 20/24 Brake Chambers</i>
9	Dust Shields	Sealed Dust Shield (Standard Disc Brakes)
10	Slack Adjusters	N/A - Integral with Disc Brake Option
11	Warranty	Hendrickson Extended Life System "HXL5" with Federal Mogul Hub Seals
12	Gladhands	Phillips or Equivalent
13	ABS	Wabco 4S/2M System Wired to Blue Wire with Rear Malfunction Warning Light
14	Roll Stability System	ABS with Roll Stability System
14a	Diagnostic Cable	None-Optional
15	Air System	Aluminum Air Tanks
16	Tank Drain/Dryer	Petcock Valve at bottom of each Tank
17	Suspension Frame	Aluminum
18	DOT PHMSA Bumper	One (1) Aluminum rectangular tube, per PHMSA specifications
19	Bumper Overlay	None
20	DOT NHTSA Bumper	None when DOT 12" Wheels Back Exemption Applies
E Tires/Wheels		
1	Wheels	Accuride Accu-Lite with Extra Polish
		Note(s): <i>*Insulators in between the hub and rim and in between the rims</i>
2	Tires	
3	Number of Tires	Twelve (12)
4	Tire Inflation System	<i>Hendrickson Tridem Tiremaax Pro Tire Inflation System set at 100 PSI and Pressure Gauge</i>
5	Hubodometer	None-Optional
6	Load Gauge	<i>Hendrickson Load Gauge installed in Cabinet</i>
F Fenders		
1	Fenders-Front	Aluminum Contour Fenders. Hose tray on Curbside Doubles as Fenders
2	Fenders-Rear	Aluminum Contour Fenders. Hose tray on Curbside Doubles as Fenders
3	Mudflaps	MAC LTT Mudflaps on Hose Trough at Rear
3a	Anti-Sail	Standard MAC LTT Fabricated Anti-Sails installed where necessary
4	Spray Guard	None-Optional
G Landing Gear		
1	Landing Gear	Jost AX150 Alumilight Landing Gear
2	Crank Location	Roadside
H Upper Fifth Wheel		
1	King Pin Plate	3/8" Upper Plate with Hubbed Kingpin.
2	Pick-Up-Plate	Aluminum Pick-Up-Plate Installed if neccesary
I Ladder/Platform/Walkway		
1	Ladder(s)	Aluminum Ladder located on Curbside for easy access to wanway
2	Safety Hand Rails	Heavy duty 1 1/4" aluminum pipe located on Curbside full length of trailer
3	Top Walkway	Full Length Aluminum Gripstrut Walkway on Curbside
4	Fall Protection	None-Optional
J Cabinet(s) & Components		
1	Tool Cabinet(s)	One (1) Aluminum Cabinet, 72" Wide x 30" High x 27" Deep with Three Aluminum Side Hinged Doors. Mounted Curbside forward of suspension.
K Hose Carrier(s)		
1	Hose Carrier(s)	Approximately 20 1/2" Wide X 4 1/2" High X Full Length on Curbside with Splash Deflector at Suspension Area to Prevent Road Debrs.

L Venting & Vapor Recovery System		
1	Relief Vent(s)	One (1) top 1 1/2" Tee Connections for One (1) 1 1/2" Pressure Relief Valve and One (1) 1 1/2" Pressure Vacuum Vent.
2	Pressure Package	None-Optional
3	Discharge Vent	None-Optional
M Vacuum System		
1	Primary	Primary Shutoff located in Front Manhole with removable basket and 6" SST Ball 3" aluminum elbow facing to Curbside with 3" hose to secondary tank inlet
2	Secondary	10 Gallon Aluminum Secondary with 6" SST Ball installed on Curbside Front easy access design, removable lid, wing nut fasteners, and 2" drain valve.
	Pump Connection:	Top Outlet Plumed to Pump.
	Blowdown Connection:	Top Inlet Tee'd with 3" Pressure/Vacuum Hose to Primary and bottom of Tee Bushed down to 2" Pressure/Vacuum Hose for Blowdown on Curbside.
3	Blowdown Line	2" Aluminum Pipe from front to rear of the unit, 2" Brass Ball Valve, and 2" drain hose
4	Gauges	4" Liquid Filled Pressure/Vacuum Gauge installed Curbside on 2" Blowdown Line
N Valving/Piping/Hose		
1	Outlet(s)	One (1) 6" Outlet Intalled at Bottom Rear Head.
11	Outlet Valve(s)	One (1) 6" Sliding Gate Valve, Manual Lever Arm, SST Body and Metal Seat.
13	Adapter(s)/Cap(s)	6" Male Camlock, 6" x 4" Male Adapter, and 4" Aluminum Dust Cap.
	Note(s):	Install Heating Apperatus with Switch and Wrapped in weather-proof Insulation
18	Fill Line(s)	Two (2) 4" fill lines with 4" Betts sliding gate valve terminating with a male adaptor and dust cap, One (1) located on Rear Head Roadside and One (1) located at Front Curbside above hose tray. Fill lines piped up with Bolt on Splash Deflector
	Note(s):	Install Heating Apperatus with Switch and Wrapped in weather-proof Insulation on Rear 4" Valve
19	Bleed off Valve	Ball Valve at the Bottom of each outlet with hose to Catch Pan
20	Catch Pan	4" Deep Catch Pan under Discharge Valves and Outlets
O Pump		
1	Pump	Fruitland RCF500 Air Cooled Pump with Oil Catcher, Pressure/Vacuum Vents, Muffler, and Oil Reservoir
2	Pump Piping	None-Optional
3	Hydraulic Lines	One 1" and 1 1/4" stainless steel line from motor to front curbside of trailer
4	Flow Control	None-Optional
5	Platform	Aluminum Pump Tray Platform between Landing Legs
P Capacity Controls		
9	Capacity Gauging	Four (4) Sight Eyes located: (1) at 3/4 Full on Rear Head, (1) at Full on Rear Head, (1) at 3/4 Full on Front Head and (1) at Full on Front Head
Q Wiring		
1	Nose Box	Dual Receptacle Nose Box with Main J-560 7-Way Plug and Circuit Breakers, and One ISO 3731 7-Way Receptacle for Auxiliary Functions, Located Low Roadside Front Head.
	Intellistop Module	None-Optional
2	Light System	Truck-Lite LED Junction Box Lighting System with Front Markers, Combination Side Center Turn/Marker Lights, and Three (3) Upper Clearance
2a	End Dam Turn Lights	None-Optional
3	Lamp Mounting	Grommet Mounted
4	Light Boxes	Two (2) Aluminum Light Boxes on the Rear of the Trailer with Two (2) Red Stop/Marker Lamps and One (1) Red Marker/Turn with Rear Side Marker Lights.
5	Wide-Turn Light(s)	None-Optional
6	Work Light(s)	Two (2) Grote Worklight mounted at top rear with switch in Cabinet
6a	Work Light(s) Operator	All work lights operated by switch in Cabinet
7	Cabinet Light(s)	Install One (1) LED Strip Light in each Cabinet
8	Backup Lights	None-Optional
9	Backup Alarm	None-Optional
10	Extra Light(s)	None-Optional
S Paint/Decals		
1	Corrosion Resistance	Electrolysis barrier between all dissimilar metals.
2	Conspicuity	DOT 3M Tape per N.H.T.S.A. Requirements.
3	Decals	Standard Warning and Safety Decals
4	Customer Decals	None-Optional
5	Emergency Drain Decals	Four (4) 3" diameter round DOT decals, (1) curbside and (1) roadside on horizontal centerline on each end head.
T Other/Options		
1	Document Holder	Document Holder installed on Roadside, near landing gear frame.