

HALE

TRAILER

BRAKE & WHEEL



A034264-A034265
VIN: S033052-S033053

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A General

1	Trailer Type	Aluminum
2	Code	Non-Code
3	Overall Length in Feet	Engineering to Design to Optimize Payload
4	Shape	Straight Round with Slope to the Rear
5	Operating Pressure	22 PSI with 22 Hg
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	Standard 49"
11	Additional Regulation	None-Optional
12	Wheelbase	Engineering to Design to Optimize Payload
13	Road Design Application	Designed for on-road and off-road use

B Barrel

1	Compartment(s)	One (1) compartment
2	Capacity	6,300 Gallons +1%
3	Baffles	Three (3) 1/4" Aluminum Baffles, with large bottom drain and 3" holes at 9, 12, & 3 o'clock positions
	Note(s):	*Welded to Internal Pads
4	Shell	0.249" 5454 H32
4a	Shell Finish	Mill Finish
5	End Heads	0.313" 5454 0 Temper Aluminum Flanged & Dished Heads
5a	Head Finish	Mill 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	Interior Weld Finish	W-0 Conforms to TTMA RP-24
9	Cleanout(s)	None-Optional
10	Liner	Internal Duraplate 8200 Liner. MAC LTT, Inc does not install or warranty liner. Three (3) Magnesium Anodes Installed inside Tank to reduce corrosion of Tank Structure.

C Structure

1	Reinforcing Rings	External Rings fully welded to Shell
2	Frame	Extruded Aluminum Full Length Frame Design
3	Barrel Supports	Box Style Outriggers at all Crossmembers Load Bearing Areas
4	Spill Dam	None. Heavy Duty Tombstones Located at Front, Rear.
5	Spill Dam Drain(s)	None-Optional

D1 Primary Axles

1	Model	(2) Tandem, Aluminum
2	No. Of Primary Axles	2
3	Suspension	Hendrickson Intraxx AAT25K, 25,000 lb. with "K" Bracing and Galvanized Hangers
4	Axle Spacing	49"
5	Axles	71 1/2" Track, 5.75" diameter; HP Spindles with Same Inner and Outer Bearings.
6	Ride Bags	Zero-Maintenance Dampening (ZMD) Ride Bags and Stop Chains without Typical Shocks
7	Wheel End Package	Hendrickson Ready-To-Roll (RTR) HXL5 Drum Brake Package. Includes Dura-Light Hub.
8	Brakes/Brake Chambers:	OEM 23,000# Rating with S-Cam 16 1/2" x 7", 2.5" Stroke, 3030 Chambers, and Non-Asbestos Linings.
9	Hub:	Dura-Light 10 Stud Hub Piloted, 11.25" BC
10	Drum:	Centrifuse - Standard Duty 16 1/2" x 7", 10-Stud Outboard Mounted Drum
11	Rotor:	N/A For Drum Brakes
12	Slack Adjusters:	Automatic
13	Dust Shields:	None-Optional
14	Warranty:	Hendrickson Extended Life System "HXL5" with Federal Mogul Hub Seals
15	Tires	Michelin XZE 2 11R24.5 16 Ply
16	Inboard Wheels	24.5 x 8.25: Alcoa Mirror Polish Inside Only
17	Outboard Wheels	24.5 x 8.25: Alcoa Mirror Polish Inside Only with Dura-Bright
18	Tire Inflation System	None-Optional

D2 Lift Axles

1	No. Of Lift Axles	None-Optional
2	Lift Axle Suspension	None-Optional
3	Lift Axle Spacing	None-Optional
4	Lift Axles	None-Optional
5	Lift Axle Ride Bags	None-Optional
6	Lift Axle Wheel End Package	None-Optional
7	Lift Axle Brakes/Brake Chambers:	None-Optional
8	Lift Axle Hub:	None-Optional
9	Lift Axle Drum:	None-Optional
10	Lift Axle Rotor:	None-Optional
11	Lift Axle Slack Adjusters:	None-Optional
12	Lift Axle Dust Shields:	None-Optional
13	Lift Axle Warranty:	None-Optional
14	Lift Axle Tires	None-Optional
15	Lift Axle Inboard Wheels	None-Optional
16	Lift Axle Outboard Wheels	None-Optional
17	Lift Axle Tire Inflation System	None-Optional
18	Lift Axle Controls	None-Optional

D3 Steerable Axles

1	No. Of Steer Axles	None-Optional
2	Steer Axle Suspension	None-Optional
3	Steer Axle Spacing	None-Optional
4	Steer Axles	None-Optional
5	Steer Axle Ride Bags	None-Optional
6	Steer Axle Wheel End Package	None-Optional
7	Steer Axle Brakes/Brake Chambers:	None-Optional
8	Steer Axle Hub:	None-Optional
9	Steer Axle Drum:	None-Optional
10	Steer Axle Rotor:	None-Optional
11	Steer Axle Slack Adjusters:	None-Optional
12	Steer Axle Dust Shields:	None-Optional
13	Steer Axle Warranty:	None-Optional
14	Steer Axle Tires	None-Optional
15	Steer Axle Inboard Wheels	None-Optional
16	Steer Axle Outboard Wheels	None-Optional
17	Steer Axle Tire Inflation System	None-Optional
18	Steer Axle Controls	None-Optional

E Running Gear		
1	Ride Height Control	Standard Hendrickson Height Control Valve
2	Dump Valve	Automatic Dump Valve
3	ABS	Wabco 2S/1M System Wired to Blue Wire with Rear Malfunction Warning Light
4	Roll Stability System	ABS with Roll Stability System
5	Diagnostic Cable	None-Optional
6	Air System	Aluminum Air Tanks
7	Gladhands	Phillips or Equivalent
8	Tank Drain/Dryer	Petcock Valve at bottom of each Tank
9	Suspension Frame	Aluminum
10	DOT PHMSA Bumper	One (1) Aluminum rectangular tube, per PHMSA specifications
11	Bumper Overlay	None
12	DOT NHTSA Underride Bumper	None when DOT 12" Wheels Back Exemption Applies
14	Hubodometer	None-Optional
15	Load Gauge	None-Optional
16	Tow Hook	None-Optional
F Fenders		
1	Fenders-Front	Aluminum Hose Trough serves as Front Fenders
2	Fenders-Rear	Aluminum Hose Trough serves as Rear Fenders
3	Mudflaps	MAC LTT Mudflaps on Front and Rear Fenders
G Landing Gear		
1	Landing Gear	Jost AX150 Alumilight Landing Gear with 10 x 10 Sand Shoe
2	Crank Location	Roadside
H Upper Fifth Wheel		
1	King Pin Plate	3/8" External Upper Plate with Hubbed Kingpin. Adjustable by at least 2" Increments Kingpin to Meet SAE J700 Requirements
2	Pick-Up-Plate	Aluminum Pick-Up-Plate Installed if necessary
I Ladder/Platform/Walkway		
1	Ladder(s)	Ladder located on Rear Roadside
2	Safety Hand Rails	Pipe located on roadside full length of trailer
3	Top Walkway	Standard 12" Wide Gripstrut Walkway extending from Front Primary to Rear Manhole located at Roadside
4	Fall Protection	None-Optional
J Cabinet(s) & Components		
1	Tool Cabinet(s)	One (1) 24" Deep x 24" High x 36" Wide Single Door Aluminum Cabinet forward of the suspension subframe on Roadside
K Hose Carrier(s)		
1	Hose Carrier(s)	Approximately 20 1/2" Wide X 4 1/2" High X Full Length on Both Roadside & Curbside with Splash Deflector at Suspension Area to Prevent Road Debris.
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" Vacuum Vent.
		Note(s): Pressure Relief Valve to include a Drain Hose to Bottom of Tank, Located as far forward as Possible and near a Ring so Drain Hose can follow the Ring to Bottom of Tank. Pressure Vent to be located in Vertical orientation, and Vacuum Vent to be located in Horizontal orientation
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" elbow facing to roadside with 3" hose to secondary tank inlet
2	Secondary	10 Gallon Secondary with 6" SST Ball installed on Roadside Front easy access design, removable lid, wing nut fasteners, and 2" drain valve. Add Short hose to end of Drain to Empty Behind Hose Tray. Do not use Hard Pipe for Secondary Drain.
		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 Roadside.
3	Blowdown Line	2" 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 Roadside on 2" Blowdown Line with Drain. Bucket Hook installed on Rear Light Box.
N Valving/Piping/Hose		
1	Outlet(s)	One (1) 6" SCH40 Pipe extending from the bottom of the rear head, tilted down for complete drainage
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.
14	Fill Inlet	One (1) 4" SCH40 Pipe Extending from Bottom of Rear Head, tilted down for complete drainage. Inside of Barrel angled up ending in splash deflector.
15	Inlet Valve(s)	4" Sliding Gate Valve, Manual Lever Arm, SST Body and Metal Seat
16	Inlet Adapter(s)/Cap(s)	4" Aluminum Flange Adapters with Quick Camlock Adapters & Caps

N Valving/Piping/Hose (Cont.)		
19	Bleed off Valve	One (1) 1/2" Ball Valves on Outlet line with hose to Drain Pan
20	Catch Pan	4" Deep Catch Pan under Discharge Valves and Outlets
O Pump		
1	Pump	Fruitland Air Cooled RCF500 Pump with Oil Catcher, Pressure/Vacuum Vents, Muffler, and Oil Reservoir
2	Pump Piping	N/A
3	Hydraulic Lines	1 1/4" & 1" SS Hydraulic lines on curbside, from front curbside to landing gear
4	Flow Control	None. Controls on Tractor Chassis and Pump
5	Platform	Aluminum Pump Tray Platform between Landing Legs with Cover Guard
P Capacity Controls		
9	Capacity Gauging	Clear Sight Tube at Rear, offset to Roadside, with Ball Valve at top and Ball Valve Drain and Cap at Bottom. Install Garnet Sea Level Annihilator 806B with Copper Wire
Q Wiring		
1	Nose Box	Nose Box with J560 7-Way Plug Located Low Roadside at Front
	Intellistop Module	None-Optional
2	Light System	LED Lighting System with Front Markers, Combination Side Center Turn/Marker Lights, and Three (3) Upper Clearance
		Note(s): *License Plate Light Mounted at Top of Rear Head
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) Amber Turn with Rear Side Marker Lights.
5	Wide-Turn Light(s)	None-Optional
6	Work Light(s)	Four (4) Grote Worklights; Two (2) mounted at Top Rear and Two Mounted at Top Front, Facing Rear
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	ECCO brand Backup Alarm mounted at rear
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	Valox Body Document Holder installed on roadside, near landing gear frame.
2	Hose Hanger	One (1) Swivel type hose hanger mounted High on Front Head
4	Safety Cone/Bucket Holder	Dual Safety Cone and Bucket Holder mounted Curbside Forward of Suspension.
5	Tire Chain Holder	4-Hook Chain Holder on Both Roadside and Curbside

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.