



HIGHWAY TRANSPORTATION EQUIPMENT COMPANY, INC

51 Industrial Circle Lancaster PA 17601

Phone (717)656-4329 FAX (717)656-4238

Pricing Administration Use Only				
HT-48046.01	01			1/27/2023
Quote Number	Quote Revision	Shop Order Number	Serial Number(s)	Date

Customer HY-TEC Stock
Base Model Part Number 36422.1
Specified Model Description AJB9 1040-1,188 BBL,.3125 HDS,25 PSI,185 F,42'

A. Vessel

1) Design

AJB9 1040-1, Aluminum, Pneumatic dry bulker, Interior ring, Non-code trailer.
 JTO stock sn131593 due to complete 2-13-23
 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.

B. Construction

1) Frame

Front: Aluminum extruded channel, bolted or integrated to center frame.
 Rear: Aluminum extruded channel, bolted to center frame.
 Center: Aluminum extruded channel.
 Struts: Aluminum extruded struts, standard duty at both ends.

2) Manhole

3 MM4120, 20" cast aluminum cover, six long lever aluminum cam handles hold-downs with replaceable Nylon wear plates and dual stainless steel safety retainers, 4" collar.
 Gasket: 3 White neoprene gasket in cover, non-toxic.



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3) Manhole Hinge Location

Manhole covers hinged to curbside of trailer.

C. Other Barrel Information

1) Material Finish

Mill finish aluminum

D. Valving and Piping

1) Seal provisions

None

2) Discharge valves

3 * 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.

3) Discharge Piping

- 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 schedule 40 discharge, under the axles, ending at the rear of the trailer.
- Pipeline connectors: 4" bolted groove type couplers mounted at rear of rear hopper and forward of first hopper with black gaskets. Black rubber hose with stainless steel clamps between hoppers.
- Adaptor: 4" aluminum male adaptor.
- Cap: 4" aluminum dust cap

4) 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 adaptor.
- Cap: None. Temporary plug for Shipping.

5) Aeration

- * 3" Aluminum aeration line controlled by 3" Black Maxx butterfly valve with Allomaxx disc and white seat. Three (3) BTI aerators per hopper.
- 0.75 * Stainless steel hopper savers.(4 hoppers)
- * 2" lightweight aeration ball valve, BTV-2AV-FTHB, for individual hopper aeration. (3 hoppers)
- Location: Aeration mounted roadside.



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6) Blowdown

Relief Valve: * 3" Aluminum pipe and 3" BTI, BlackMaxx butterfly valve with composite fiber body, AlloMaxx disc and Maxxlife seat.
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.

7) Top Air

None.

8) Gauges

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.

9) Delivery Hose

None.

E. Walkway and Ladder

1) Walkway

Top center: Non-skid tape, full length of barrel
Toe rail: 1 1/4" aluminum pipe each side of walkway, full length

2) Ladder

Ladder Location: Aluminum tubular with large step, bolt on
Mounted at rear head, centered. With step below bumper.

F. Cabinet

1) Cabinet

None. No Cabinet installed.

G. Hose Carriers

1) Hose Carrier

Hose Carrier Door: Aluminum tube 8" diameter x 21' long. Tube to be mounted to the outer edge of brackets.
8" aluminum door, at rear. Door hinged at bottom.
Carrier Location: Mounted curbside rear

H. Lights and Wiring

1) Lights

12-volt, Truck-Lite LED grommet mount lights. Combination center marker / turn signals, mounted on barrel frame.



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2) Wiring Plug-in style harness system.

3) Rear Lights

Enclosed in Aluminum light boxes.

* 1 additional LED stop / turn / tail light. Total of 3 lights in each box.

Outside lights are red with center light to be amber turn.

4) Extra Lights None

5) Nose box Standard 7 way, J560 receptacle without circuit breakers.

6) Gladhands Gladhand, Phillips Quick release.

I. Chassis

1) Upper 5th Wheel

5/16" Standard duty upper coupler with Heavy duty double hubbed kingpin.

Paint: Fifth wheel plate painted black.

2) 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.

3) Suspension

Hendrickson INTRAAX AAT23K tandem axle with 5.75" diameter Hendrickson integrated axles. Axle spacing to be determined by scale.

Dump valve: No dump valve installed

Lift Axle Control: None - no auto lift controls included

Hangers: Galvanized hangers with soft coat applied to axle and trailing arm. For use on aluminum subframe with bolt-on hangers.

Bumper: No bumper included

Under-ride Protection: None (no under ride required, Wheels back exempt.)



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4) Axles

Beam: Inverted axle/raised center NOTE: Axle diameter changes to 5" with this option.

Track: Axle track, 71.5"

Hub & drums: Hendrickson 5 year warranty, Ready to roll with Duralite hubs, cast drums and semi-fluid grease. OEM slack adjusters, seals, brake chambers and brake lining.

5) Brakes

Anti-lock / Roll stability: Wabco 4S/2M with "RSS-Plus", tandem axle roll stability support system for air-ride suspension. Wired to auxiliary blue circuit.

Air system: One (1) aluminum tank system. 2850 cu. in. meeting FMVSS 121 D.O.T. specifications.

6) Emission Compliance

NA

7) Wheels

Original Equipment Manufacturer, 22.5 X 8.25 Aluminum polished wheels

8) Tires

Original Equipment Manufacturer, 11R-22.5, Load Range G 14 Ply.

9) Tire pressure system

No tire pressure system included.

10) Fenders

Front: Aluminum, single contour, ribbed, front fender, each side.

Rear: Aluminum, double contour, ribbed, rear fender, each side.

11) Mud flaps

* White with Heil logo. Front and rear, HEIL, anti-sail, anti-spray flaps.

J. Hose hook

1) Hose hook

Adjustable hose hook mounted at front of trailer with 3" dummy adapter on curbside.

K. Jumper Hose

1) Jumper Hose

None.

L. IntelliTANK

1) IntelliSECURE

IntelliTANK – None



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M. Miscellaneous

- | | |
|-----------------------------|--|
| 1) Decals | Standard warning and safety package. Decals in English. |
| 2) Conspicuity Tape | Discontinuous tape |
| 3) Customer Logo | None |
| 4) Document holder | Truck Lite 97960 Certificate Holder. Install in standard location unless otherwise specified. |
| 5) Placards | None |
| 6) Paint | None. No paint or primer installed on trailer. |
| 7) Interior Cleaning | Class I, as welded. Not intended for food grade or plastic products.
Note: Interior cleaning is recommended prior to initial loading to avoid possible product contamination. |
| 8) Warranty | * Heil Trailer Silver Warranty Package. |
| 9) Tests | Standard testing. |
| 10) Drawings | None. |



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Order Acceptance Form

Model : 1040 Cu. Ft. AJB9 Cementer Pneumatic - 3 Hoppers

**Sales Rep. : Matt Leed ... PHONE: 717-656-4329 ext. 112 CELL: 717-715-5116
 E-MAIL: matt@hytectank.com**

**Ship To : HY-TEC
 51 Industrial Circle
 Lancaster PA 17061**

End User : HY-TEC Stock

Item Price	:	81,500.00
F.E.T.*	:	10,500.00
State Tax	:	0
Shipping	:	6,000.00
Total Price	:	98,000.00
Total Weight	:	+/-3%

Quote Name: HY-TEC Stock

Quote Date: 1/27/2023 (Quote is valid for 30 days from this date)

Delivery schedule subject to plant approval.

This quotation is subject to the terms and conditions which can be viewed on our website:
www.heiltrailer.com

CUSTOMER PICKUP OF COMPLETED UNITS

- In the case of a customer pickup, customer agrees to pick up the unit within three (3) calendar days following completion. If after the three (3) calendar days the customer has not picked up the units, customer requests Heil Trailer International, Co. to deliver the unit to the designated off-site storage area and authorizes Heil Trailer International, Co. to store the unit until it is picked up by the customer.

F.E.T. is 12% of the Item Price less the F.E.T. tire credit. Local fees and local use taxes are also not included.

Order Confirmation:

Order Review:

 Customer Date

 Distributor Date