



The Jack Olsta Co.
810 Hwy 45 North
Huntsville , TX, 77320

Pricing Administration Use Only				
HT-40060.01	01			Form Rev: May 13, 2021
Quote Number	Quote Revision	Shop Order Number	Serial Number(s)	Date

Customer

Base Model Part Number 36422.1
Specified Model Description AJB9 1040-1,188 BBL,.3125 HDS,25 PSI,185 F,42' ICIM BOM

A. Vessel

1) Design AJB9 1040-1, Aluminum, Pneumatic dry bulker, Interior ring, Non-code 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: 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, small cube trailers less than 1400 cube.
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.

3) Manhole Hinge Location

Manhole covers hinged to curbside of trailer.

C. Other Barrel Information

1) Material Finish

Bright mill finish.

D. Valving and Piping

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- 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.
 - * 2" lightweight aeration ball valve, BTV-2AV-FTHB, for individual hopper aeration. (3 hoppers)
 - Location: Aeration mounted roadside.
- 6) Blowdown** * 3" Aluminum pipe and 3" BTI, BlackMaxx butterfly valve with composite fiber body, AlloMaxx disc and Maxxlife seat.
- Relief Valve: 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.
- 9) Aeration**
- 0.75 * Stainless steel hopper savers.(4 hoppers)

E. Walkway and Ladder

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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

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

F. Cabinet

1) Cabinet

None. No Cabinet installed.

G. Hose Carriers

1) Hose Carrier

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

H. Lights and Wiring

1) Lights

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

2) Wiring

Truck-Lite 88 series 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.

I. Chassis

1) Upper 5th Wheel

5/16" Standard duty upper coupler with Heavy duty A.A.R. style 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 standard 49" axle spacing.
 Hendrickson integrated axles.
 Dump valve: None
 Hangers: Galvanized hangers with soft coat applied to axle and trailing arm. (Bolt-on suspensions with aluminum subframe only)
 Bumper: No bumper provided.

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

4) Axles

Beam: Inverted axle, humped up. NOTE: Axle diameter changes to 5" with this option.
 Track: 71-1/2" track
 Spindle: OEM Standard P spindles (parallel) same inner and outer bearing
 Wheel seals: OEM, standard w/ Hendrickson HXL
 Hub & drums: HXL3, READY TO ROLL, Duralite Hub with Centrifuse Drum.
 Miscellaneous: None

5) Brakes

OEM Standard
 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.
 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: One aluminum tank system. 2800 cu. in. each meeting FMVSS 121 D.O.T. specifications.

6) Wheels

Alcoa Ultra One with clean buff finish, 22.5 x 8.25 aluminum.

7) Tires

11R-22.5 Cooper RM120, 14-ply. GHG2 CY 2020. CRR 5.8

8) Fenders

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

9) Mud flaps

OEM Mudflaps

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. 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.

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|-----------------------------|---|
| 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 | OEM Warranty |
| 9) Tests | Standard testing. |
| 10) Drawings | None. |

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