



1430 US Highway 87 East  
Billings, MT 59101



## SPECIFICATIONS

### MAC-LTT Mfg., Inc. Aluminum 1,300 Cubic Foot 2-Axle Semi Trailer

#### A General

1 Trailer Type	Aluminum pneumatic two hopper semi trailer (non-food grade).
2 Overall Length	TBD.
3 Capacity	1300 cubic foot.
4 Overall Height	13'-2" (158").
4 Overall Width	8'-6" (102").
5 Operating Pressure	15 psi.
6 Vessel Finish	5454-H32 buffed aluminum.
7 Heads	5454-H32 buffed aluminum.
8 Max. Loading Temp.	150 degrees Fahrenheit.
9 Product	Dry bulk.
10 Warranty	Three year limited warranty.
11 Coupler Height	48" ground to coupler surface.

#### C Air Supply, Loading & Discharge

1 Hot Air Supply	3" sch. 10 aluminum pipe with male adapter on a 90° elbow facing up on streetside with spring type check valve located just behind inlet. Tee aeration at front hopper area with 3" butterfly valve and spring type check valve. Continue aeration to rear of trailer for pup operation. Terminate with 3" butterfly valve and male adapter on 90° elbow facing up on streetside.
2 Aeration	Upper aeration to include (3) flow cones mounted to each lower hopper with stainless steel hopper savers. Each hopper to include a 2" ball valve on streetside to control air flow.
3 Top Air Supply	2" sch. 10 aluminum pipe plumbed from top of vessel in to hot air supply on streetside rear of trailer. Air supply controlled with 2" butterfly valve.
4 Blow Down Line	2" sch. 10 aluminum pipe plumbed from top of vessel to streetside rear of trailer. Controls to include 2" butterfly valve and cam-lock mounted 2" pop-off valve set at 15 psi.
5 Manhole Type	(3) 20" cam-latch style opening towards curbside with internal contact pads. Locate lids on centerline and forward and rearward of centerline.
6 Discharge	6" butterfly valve attached to a low profile 4" x 6" x 4" aluminum discharge tee at each hopper. Connect each discharge tee with 4" sch. 40 aluminum pipe and exit rear hopper angled 45° streetside rear. Terminate outlet with 4" male adapter and dust cap.
7 Gravity Dump Discharge	Included as part of each discharge tee.
8 Vibrators	None-optional.
9 Oiler (Vibrator)	None-optional.
10 Hot Air Silencer	None-optional.

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<b>F Trim</b>		
1	<b>Document Holder</b>	Located streetside at rear of front fender.
2	<b>Pressure Gauges</b>	(2) Liquid filled 0-30 psi to indicate tank pressure and to indicate line pressure. Gauges located streetside rear of discharge above fender.
3	<b>Blower Hose</b>	(1) 3" x 12' hose with female cam-lock fittings each end. Transport hook and storage coupler located at streetside front.
4	<b>Jump Hose</b>	None-optional.
5	<b>Product Hose</b>	None-optional.
6	<b>Safety Cable</b>	3/8" galvanized steel cable located full length on streetside.
7	<b>Placards</b>	None-optional.
8	<b>Hitch</b>	Premier 2300 slack reducing coupling style. <b>(Optional)</b>
9	<b>Bumper</b>	None when wheels back exemption applies.
10	<b>Fire Extinguisher</b>	None-optional.
11	<b>Chain Hanger</b>	None-optional.
<b>H Hose Carrier</b>		
1	<b>Hose Carrier</b>	None-optional.
2	<b>Hose Carrier Location</b>	None-optional.
<b>I Ladder/Platform/Walkway</b>		
1	<b>Ladder</b>	Weld-on aluminum at rear with non-slip steps and grab handles.
2	<b>Top Walkway</b>	Non-skid tape between full length toe rails.
<b>J Fenders</b>		
1	<b>Fenders-Front</b>	Ribbed aluminum straight. Set fenders at 96" wide.
2	<b>Fenders-Rear</b>	Ribbed aluminum, full tandem mounted to the rear frame. Set fenders at 102" wide.
3	<b>Mudflaps</b>	MAC LTT mudflaps at rear of all fenders. Quarter flaps at front of all fenders.
<b>K Landing Gear</b>		
1	<b>Landing Gear</b>	Jost 2-speed ALUMILIGHT AX150 Landing Gear.
2	<b>Crank Location</b>	Streetside.
3	<b>Frame</b>	Formed aluminum pedestal frame.
<b>M Upper Fifth Wheel Coupler</b>		
1	<b>King Pin Plate</b>	Undermount steel upper coupler set at 18".
<b>N Suspension / Undercarriage</b>		
1	<b>Suspension</b>	Hutch CH9700 tandem flange mount, bolt-on with standard 49" axle spacing. <b>Air-ride Suspension Optional.</b>
2	<b>Axles</b>	Hendrickson, 5" round, 77.5" track, "P-series" spindles, RTR.
3	<b>Springs</b>	2-stage, 2-leaf springs with free play eliminator bushings.
4	<b>Hubs</b>	Walther EMC Dura-Light
5	<b>Drums/Rotors</b>	Fabricated steel.
6	<b>Dump Valve</b>	None-optional if applicable.

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7	<b>Brakes</b>	16.5" x 7" HXS. ( <i>Optional Air Disc Brakes</i> )
8	<b>Brake Chambers</b>	Spring brake chambers.
9	<b>Slack Adjusters</b>	5.5" automatic slack adjusters.
10	<b>Seals</b>	Oil seals and hubcaps.
11	<b>ABS System</b>	WABCO 4S/2M ABS with rear malfunction warning light at front of rear fender streetside.
12	<b>Suspension Frame</b>	Extruded aluminum design.
13	<b>Roll Stability</b>	None-optional (not available for a-train configurations).
14	<b>Hubometer</b>	None-optional.

### O Tires / Wheels

1	<b>Wheels</b>	8.25 X 22.5 Aluminum buffed finish.
2	<b>Tires</b>	11R22.5 General HT, LRG.
3	<b>Tire Carrier</b>	None-optional.
4	<b>Tire Inflation</b>	None-optional.

### P Electrical / Wiring

1	<b>Trailer Connections</b>	Gladhands and electrical located at front center.
2	<b>Pup Operation</b>	Gladhands and electrical located on curbside rear.
3	<b>Light System</b>	Truck-Lite LED system: (3) LED tail lights in aluminum light housing per side. (1) LED marker light per side on front fender (1) LED midship turn/marker per side. (1) LED marker light per side on rear light housing (high profile). (1) LED 3 light I.D. cluster on rear end dam plate (dual function). (1) License plate light. (1) Pressure gauge light.
4	<b>Shell Mounted Clearance</b>	None-optional.
5	<b>Backup Light(s)</b>	None-optional.
6	<b>Work Light(s)</b>	(1) LED type double swivel located rear of discharge on streetside.

### Q Paint / Finish

1	<b>Paint</b>	Bare steel parts painted with SEM coating or powder coated.
2	<b>Color</b>	Black.
3	<b>Conspicuity</b>	DOT conspicuity reflective located off shell.
4	<b>Decals</b>	Standard safety and warning decals.
5	<b>Trim Tape</b>	2" trim tape on toe rails - Black (Standard)