



1430 Highway 87 East
Billings, MT 59101



SPECIFICATIONS

MAC-LTT Mfg., Inc. Aluminum 1,300 Cubic Foot 3-Axle B-Train Lead Semi Trailer

A General

1	Trailer Type	Aluminum pneumatic two hopper B-train lead semi trailer (non-food grade).
2	Capacity	1300 cubic foot.
3	Overall Height	13'-3" (159").
3	Overall Width	8'-6" (102").
4	Operating Pressure	15 psi.
5	Vessel Finish	5454-H32 buffed aluminum.
6	Heads	5454-H32 buffed aluminum.
7	Max. Loading Temp.	150 degrees Fahrenheit.
8	Product	Dry bulk.
9	Warranty	Three year limited warranty.
10	Coupler Height	49" ground to coupler surface.

B 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. 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	8" butterfly valve attached to a low profile 4" x 8" x 4" aluminum gravity discharge tee at each hopper. Connect each discharge tee with 4" steel 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	Vibco VS-250HS turbine vibrator with individual 1/4" ball valve on each hopper.
9	Oiler (Vibrator)	None-optional.
10	Hot Air Silencer	None-optional.

C Trim

1	Document Holder	Located streetside at rear of front fender.
2	Pressure Gauges	(2) Liquid filled 0-30 psi to indicate tank pressure and to indicate line pressure. Gauges located streetside rear of discharge above fender.

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3	Blower Hose	(1) 3" x 12' hose with female cam-lock fittings each end. Transport hook and storage coupler located at streetside front.
4	Jump Hose	None-optional.
5	Product Hose	None-optional.
6	Safety Cable	3/8" galvanized steel cable located full length on streetside.
7	Placards	None-optional.
8	Fifth Wheel	Holland Kompensator with 9.76" base with grease lines run to a common manifold.
9	Bumper	None when wheels back exemption applies.
10	Fire Extinguisher	None-optional.
11	Chain Hanger	None-optional.

D Fenders

1	Fenders-Front	Ribbed aluminum straight. Set fenders at 96" wide.
2	Fenders-Rear	Ribbed aluminum, individual single radius mounted to the rear frame. Set fenders at 102" wide.
3	Mudflaps	MAC LTT mudflaps at rear of front fenders and rear of trailer. Quarter flaps at front of front fenders.

E Landing Gear

1	Landing Gear	Jost 2-speed ALUMILIGHT AX150 Landing Gear.
2	Crank Location	Streetside.
3	Frame	Formed aluminum pedestal frame.

F Upper Fifth Wheel Coupler

1	King Pin Plate	Undermount steel upper coupler.
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G Ladder/Platform/Walkway

1	Ladder	Weld-on aluminum at rear with non-slip steps and grab handles.
2	Top Walkway	Non-skid tape between full length toe rails.

H Hose Carrier

1	Hose Carrier	None-optional.
2	Hose Carrier Location	None-optional.

I Suspension / Undercarriage

1	Suspension	Hendrickson AANT 23K tri axle with 60" axle spacing.
2	Axles	(3) Hendrickson, 5.75" round, 77.5" track, "P-series" spindles, RTR.
3	Springs	(6) Air Springs
4	Hubs	Walther EMC Dura-Light
5	Drums/Rotors	Fabricated steel.
6	Dump Valve	None-optional if applicable.
7	Brakes	16.5" x 7" HXS. (Optional Air Disc Brakes)
8	Brake Chambers	Spring brake chambers.

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9	Slack Adjusters	5.5" automatic slack adjusters.
10	Seals	Oil seals and hubcaps.
11	ABS System	WABCO 4S/2M ABS with rear malfunction warning light at front of rear fender streetside.
12	Suspension Frame	Extruded aluminum design.
13	Roll Stability	None-optional.
14	Hubometer	None-optional.

J Tires / Wheels

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

K Electrical / Wiring

1	Trailer Connections	Gladhands and electrical located at front center.
2	Rear Semi Operation	Provisions for air/electric at rear for operation of second semi.
3	Light System	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	Shell Mounted Clearance	None-optional.
5	Backup Light(s)	None-optional.
6	Work Light(s)	None-optional.

L Paint / Finish

1	Paint	Bare steel parts painted with SEM coating or powder coated.
2	Color	Black.
3	Conspicuity	DOT conspicuity reflective located off shell.
4	Decals	Standard safety and warning decals.
5	Dome Rail Stripe	Black.