



1430 US Highway 87 East
Billings, MT 59101



SPECIFICATIONS

MAC-LTT Mfg., Inc. Aluminum Pneumatic A-Train Lead Semi Trailer

A General

1 Trailer Type	Aluminum pneumatic single hopper semi trailer (non-food grade).
2 Overall Length	TBD.
3 Capacity	800 cubic foot. Various capacities and combination configurations available.
4 Overall Height	13'-5" (161").
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 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	Dual aeration to include a swing-away style plenum with (3) aerators mounted to a stainless steel pad with a 1-1/2" check valve. Upper aeration to include (3) flow cones mounted to the lower hopper with stainless steel hopper savers. 1-1/2" and 2" ball valve controls on streetside, respectively.
3 Top Air Supply	None-optional.
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	(2) 20" cam-latch style opening towards curbside with internal contact pad. Locate each lid 50" forward and rearward of centerline.
6 Discharge	5" butterfly valve attached to a fabricated 5" x 5" x 5" sch. 40 steel discharge tee angled 45° streetside rear. Terminate outlet with 5" male adapter and dust cap. Elbow to be field replaceable.
7 Gravity Dump Discharge	16" swing-away style located curbside and oriented to offer the most ground clearance possible.
8 Vibrators	None-optional.
9 Oiler (Vibrator)	None-optional.
10 Hot Air Silencer	None-optional.

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F 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.
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	Hitch	Premier 2300 slack reducing coupling style.
9	Bumper	None when wheels back exemption applies.
10	Fire Extinguisher	None-optional.
11	Chain Hanger	None-optional.
H Hose Carrier		
1	Hose Carrier	None-optional.
2	Hose Carrier Location	None-optional.
I 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.
J Fenders		
1	Fenders-Front	Ribbed aluminum straight. Set fenders at 96" wide.
2	Fenders-Rear	Ribbed aluminum, single radius mounted to the rear frame. Set fenders at 102" wide.
3	Mudflaps	MAC LTT mudflaps at rear of all fenders. Quarter flaps at front of all fenders.
K Landing Gear		
1	Landing Gear	Just 2-speed ALUMILIGHT AX150 Landing Gear.
2	Crank Location	Streetside.
3	Frame	Formed aluminum pedestal frame.
M Upper Fifth Wheel Coupler		
1	King Pin Plate	Undermount steel upper coupler set at 18".
N Suspension and Undercarriage		
1	Suspension	Hutch CH9700 triaxle flange mount, bolt-on with standard 49" axle spacing. <i>Air-ride Suspension Optional.</i> <i>Various axle configurations available.</i>
2	Axles	Hendrickson, 5" round, 77.5" track, "P-series" spindles, RTR.
3	Springs	2-stage, 2-leaf springs with free play eliminator bushings.
4	Hubs	Walther EMC Dura-Light, hub piloted with single flange nut.
5	Drums/Rotors	Fabricated steel.

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6	Dump Valve	None-optional if applicable.
7	Brakes	16.5" x 7" HXS. (Optional Air Disc Brakes)
8	Brake Chambers	Spring brake chambers.
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.
O 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.
P Electrical / Wiring		
1	Trailer Connections	Gladhands and electrical located at front center.
2	Pup Operation	Gladhands and electrical located on curbside rear.
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)	(1) LED type double swivel located rear of discharge on streetside.
Q 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	Trim Tape	2" trim tape on toe rails - Black (Standard)