



1430 Highway 87 East
Billings, MT 59101



SPECIFICATIONS

MAC-LTT Mfg., Inc. Aluminum Multi-Axle Semi Trailer

A General

1 Trailer Type	Aluminum pneumatic four hopper semi trailer (non-food grade).
2 Overall Length	TBD.
3 Capacity	1800 cubic foot. Various capacities available.
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 Bulkheads	None-optional.
9 Max. Loading Temp.	150 degrees Fahrenheit.
10 Product	Dry bulk.
11 Warranty	Three year limited warranty.
12 Coupler Height	47" 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.
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	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	(4) 20" cam-latch style opening 45° to curbside with internal contact pads.
6 Discharge	5" butterfly valve attached to a 4" x 5" x 4" steel 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. All butterfly valves to be BTI BlackMaxx with AlloMaxx discs.
7 Gravity Dump Discharge	16" Fruehauf swing-away style to curbside with stainless steel pad and flow cones.
8 Vibrators	None-optional.
9 Oiler (Vibrator)	None-optional.
10 Hot Air Silencer	None-optional.

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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.
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	None-optional.
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, 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.
E Landing Gear	
1 Landing Gear	Jost AX150 Alumilight 2-speed 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 set at 18".
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 quad-axle with 49" axle spacing. Include lift/steer at rear. Overall spread is 12'-3". Various multi-axle configurations available, up to six axles.
2 Axles	(3) Hendrickson Intraax AANT23K, 77.5" track and "P-series" spindles. Install UBL kit on front axle with manual control. (1) Hendrickson liftable/steerable with soft coat finish. Install Hendrickson reverse lift axle control for steer axle. Various lift-axle, fixed-axle configurations available.

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3 Hubs	Walther EMC Dura-Light
4 Drums/Rotors	Fabricated steel.
5 Dump Valve	None-optional if applicable.
6 Brakes	16.5" x 7" HXS. (Optional Air Disc Brakes)
7 Brake Chambers	Spring brake chambers.
8 Slack Adjusters	5.5" automatic slack adjusters.
9 Seals	Oil seals and hubcaps.
10 ABS System	WABCO 4S/2M ABS with rear malfunction warning light at front of rear fender streetside.
11 Suspension Frame	Extruded aluminum design.
12 Roll Stability	None-optional
13 Hubometer	None-optional.

J Tires / Wheels

1 Wheels	8.25 X 22.5 Aluminum buffed finish (lift/steer axle). 14.00 x 22.5 Aluminum buffed finish (fixed axles).
2 Tires	275/80R22.5 Michelin X Line Energy T, LRG 445/50R22.5 Michelin X-One Multi Energy T
3 Tire Carrier	None-optional.
4 Tire Inflation	None-optional.

K Electrical / Wiring

1 Trailer Connections	Gladhands and electrical located at front center.
2 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 center high mount stop light at rear. (1) LED 3 light I.D. cluster on rear end dam plate (dual function). (1) License plate light. (1) Pressure gauge light.
3 Shell Mounted Clearance	None-optional.
4 Backup Light(s)	None-optional.
5 Work Light(s)	(1) LED type double swivel located rear of discharge on streetside.

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 Trim Tape	2" trim tape on toe rails - Black (Standard)