



1430 Highway 87 East
Billings, MT 59101



SPECIFICATIONS

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

A General

1 Trailer Type	Aluminum pneumatic single hopper pull 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.

C Air Supply, Loading & Discharge

1 Hot Air Supply	3" sch. 10 aluminum pipe located under drawbar on curbside. Both ends to include a male adapter on a 90° elbow facing up. Hot air continues with 3" sch. 10 aluminum pipe with male adapter on a 90° elbow facing up on curbside. Terminate aeration at hopper area with 3" butterfly valve and spring type check valve 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 front 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 front. 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.

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 forward of discharge above fender.

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|---------------------------------------|------------------------------|--|
| 3 | Jump Hose | (1) 3" x 10' hose with female cam-lock fittings each end (rear of drawbar).
(1) 3" x 8' hose with female cam-lock fittings each end (front of drawbar). |
| 4 | Product Hose | None-optional. |
| 5 | Safety Cable | 3/8" galvanized steel cable full length on streetside. |
| 6 | Placards | None-optional. |
| 7 | Bumper | None when wheels back exemption applies. |
| 8 | Fire Extinguisher | None-optional. |
| 9 | Chain Hanger | None-optional. |
| H Hose Carrier | | |
| 1 | Hose Carrier | (3) 8" x 10' 6" with door to rear. |
| 2 | Hose Carrier Location | Between hopper support struts at rear. |
| I Ladder/Platform/Walkway | | |
| 1 | Ladder | Weld-on aluminum at front 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 double radius and dolly mounted. Set fenders at 102" 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. |
| L Front Dolly and Drawbar | | |
| 1 | Turntable | Double row ball bearing design. |
| 2 | Drawbar | Fixed length with mesh cover & jack. Length TBD. Hinge height to match lead unit. |
| 3 | Drawbar Hardware | (2) Double bushed hinge assemblies.
(1) Swivel eye with bushings.
(1) 1000 lb. capacity jack on driverside. |
| N Suspension and Undercarriage | | |
| 1 | Suspension | Front: Hutch CH9700 tandem under mount, weld-on with standard 49" axle spacing.
Rear: 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. |
| 6 | Dump Valve | None-optional if applicable. |
| 7 | Brakes | 16.5" x 7" HXS. <i>(Optional Air Disc Brakes)</i> |
| 8 | Brake Chambers | Service chambers on front axles and spring brake chambers on rear axles. |
| 9 | Slack Adjusters | 5.5" automatic slack adjusters. |

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10	Seals	Oil seals and hubcaps.
11	ABS System	WABCO 2S/1M ABS at dolly and 4S/2M ABS at rear. Malfunction warning light at front of front and rear fenders.
12	Suspension Frame	Tubular steel and 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	General HT 11R22.5 LRG.
3	Tire Carrier	None-optional.
4	Tire Inflation	None-optional.

P Electrical / Wiring

1	Trailer Connections	Gladhands and electrical located at front of drawbar.
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 3 light I.D. cluster on rear end dam plate (dual function). (1) LED center high mount stop light. (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.

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)