



1400 Fairchild Avenue
Kent, OH 44240



SPECIFICATIONS

MAC LTT Model ARJ-7500-1-HP

Company Name:	MAC LTT Stock	Date:	12/2/2021
Address:		Date Revised:	
City, State & Zip:		Quote Number:	
Contact:		Year Model:	2023
Phone Number:		Serial Number:	
Fax Number:		Sales Contact:	
Cell Number:		Reference unit:	
Email:		End User:	

A General

- | | |
|---------------------------------|--|
| 1 Trailer Type | Aluminum |
| 2 Code | 49CFR 173.247 Hot Product |
| 3 Overall Length in Feet | 42 |
| 4 Shape | Straight Round with Slope to the Rear |
| 5 Operating Pressure | Atmospheric |
| 6 Max. Product Density | 9 lbs./ U.S. Gallon |
| 7 Max. Loading Temp. | 375° F max. Operating Temperature |
| 8 Product(s) | Asphalt, Hot Products, and Etc. |
| 9 Warranty | Standard Two (2) Year Limited Warranty |
| 10 Fifth Wheel Height | Standard 49" |

B Barrel

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|-------------------------|--|
| 1 Compartment(s) | One (1) Compartment |
| 2 Capacity | 7,500 U.S. Gallons (1% Minimum) |
| 3 Baffle(s) | Two (2) 1/4" 5454 Aluminum Baffles, with large bottom center hole/drain, 3" holes at 9, 12, & 3 o'clock positions; Equally spaced in vessel. |
| 4 Shell | 5454 H32 Aluminum-Mill Finish |
| 5 End Heads | 5454 0 Temper Aluminum Flanged & Dished Heads with Standard Finish |
| 6 Bulk Head(s) | N/A |
| 7 Weld Finish | W-0 inside and outside. |
| 8 Manway(s) | One (1) 19" Manway Single Latch Assembly located near center |
| 9 Cleanout(s) | None-Optional |
| 10 Liner | None-Optional |
| 11 Insulation | Fiberglass, 5" Compressed to 4" 1# Density |
| 12 Jacketing | Aluminum 0.063" Heads and 0.040" Side Sheets with Three (3) Black Center Sheets |
| 13 Underlayment | 0.090" Aluminum Underlayment |
| 14 Thermometer | 2" Dial 50° to 550° F Surface Bulb Type with Clear Plexiglass Cover Near Center by Ladder |

C Structure

- | | |
|---|---|
| 1 Reinforcing Rings | 3" Wide Aluminum External Rings fully welded to Shell |
| 2 Frame | Aluminum Frame at suspension, landing gear, and upper coupler plate area. |
| 3 Cross Members & Outriggers | Aluminum box style crossmembers at load bearing areas |
| 4 Overturn Protection | Hot Products Aluminum Spilldam around Manhole |
| 5 Overturn Drain(s) | 2" polyethylene drain hoses on each side ending at bottom with drain. |

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D Running Gear

1 Suspension	Hendrickson Intraxx AANT23K, 23,000 lb with 49" axle spacing.
2 Axles	71 1/2" Track with 5.75" diameter; HP Spindles with Same Inner and Outer Bearings.
3 Number of Axles	Two (2)
4 Lift Axle	None-Optional
5 Hub(s)	Drum and Disc Brake Options Available
6 Drum(s)	Drum and Disc Brake Options Available
7 Dump Valve	Push/Pull Valve with Auto Reset mounted Roadside Forward of Suspension Frame
8 Brakes/Brake Chambers	Drum and Disc Brake Options Available
9 Dust Shields	Sealed Dustshield (Standard Disc Brakes)
10 Slack Adjusters	Drum and Disc Brake Options Available
11 Warranty	Hendrickson Extended Life System "HXL5" with Federal Mogul Hub Seals
12 Glandhands	Supply and Service at Front
13 ABS	Wabco 4S/2M System Wired to Blue Wire with Rear Malfunction Warning Light
14 Roll Stability System	ABS with Roll Stability System
15 Air System	To D.O.T. specifications, Aluminum air tank
16 Tank Drain/Dryer	Petcock Valve at bottom of each Tank
17 Suspension Frame	Heavy Duty Aluminum Extruded Frame
18 Bumper	Heavy Duty Hot Products Aluminum Split Bumper
20 Underride Protection	None when DOT 12" Wheels Back Exemption Applies

E Tires/Wheels Running Gear

1 Wheels	Hub Piloted 10 Hole Aluminum Disc,
2 Tires	Goodyear RSS 11R22.5 Tires
3 Number of Tires	Eight (8)
4 Tire Inflation System	None-Optional

F Fenders

1 Fenders-Front	Two (2) Aluminum Contour
2 Fenders-Rear	Two (2) Aluminum Contour
3 Mudflaps	MAC LTT Mudflaps behind Front and Rear Fenders.

G Landing Gear

1 Landing Gear	Jost AX150 Alumilight Landing Gear
2 Crank Location	Roadside

H Upper Fifth Wheel

1 King Pin Plate	5/16" Upper Plate with Hubbed Kingpin.
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I Ladder/Platform/Walkway

1 Ladder(s)	Dual Step Aluminum Bolt-On Ladder located on Curbside for access to Manhole
2 Safety Hand Rails	Hand Rails outside of Main Ladder Rails
3 Top Walkway	12" Wide Aluminum Gripstrut Walkway around all four sides of Manhole area

Note: *Set Catwalk as low as Possible - Not Flush with Top

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J Cabinet(s) & Components	
1 Cabinet	None-Optional
K Hose Carrier(s)	
1 Hose Carrier(s)	One (1) 3.5" x 22"W x 21' Aluminum Extruded Tray on Curbside Rear
L Venting & Vapor Recovery System	
1 Vent	Free Breathing Box Style Vent with Deflectors to Prevent Spillage in Spilldam
N Valving/Piping/Hose	
1 Outlet(s)	N/A
2 Splash Deflector	None-Optional
5 Discharge Valve	4" Betts Rear Head Valve
8 Piping	4" Elbow Towards Rear
10 Pump Off Line	3" Internal Pump Off Line from Inside Vessel Above Rear Discharge Valve to Front Curbside with 3" Hydrolet Valve, Adapter, and Cap.
11 Outlet Valve(s)	None-Optional
13 Adapter(s)/Cap(s)	4" x 3" Thread on Camlock Adapter and 3" Dust Cap
17 Flanged Gaskets	Non-Asbestos or Equivalent Gaskets used on all Flanged Connections
19 Bleed off Valve	Install 3/4" Aluminum Coupling with 3/4" Stainless Ball Valve before Male Adapter on Rear Discharge Line at 2 o'clock position with hose routed down.
20 Sampling Valve	Install 3/4" Sampling Valve at Rear on Roadside. Sampling Valve Line to Extend Outside of Jacket with Valve Handle Extension to Operate Ball Valve.
P Capacity Controls	
10 Capacity Gauging	3-Disc Aluminum Marker Rod
Q Wiring	
1 Nose Box	Nose Box with J560 7-Way Plug with Circuit Breakers Located Low Roadside at Front
2 Light System	LED Lighting System with Combination Side Center Turn/Marker Lights and Three (3) Upper Clearance/Stop
4 Light Boxes	Two (2) Three Hole Aluminum Light Boxes on the Rear of the Trailer. With Amber Turns
7 Work Light(s)	None-Optional
8 Backup Lights	None-Optional
9 Backup Alarm	None-Optional
10 Extra Lights	None-Optional
S Paint/Decals	
1 Coatings	Any Steel Parts Not Painted will be Hot Dipped Galvanized (Hangers, Upper Coupler...) Axle and Trailing Arm Factory Painted with Soft Coat Grey.
2 Corrosion Resistance	Electrolysis barrier between all dissimilar metals.
3 Conspicuity	DOT 3M Tape per N.H.T.S.A. Requirements.
4 Decals	Standard Safety/Hot Product Safety Decals
5 Customer Decals	None-Optional
6 Emergency Drain Decals	Four (4) 3" diameter round DOT decals, (1) curbside and (1) roadside on horizontal centerline on each end head.
7 MAC Logo	Standard MAC Logo Decals
T Other/Options	
1 Document Holder	Document Holder Mounted on Roadside of Landing Gear Frame
2 Static Cable	None-Optional
3 Placards	Aluminum Slide-in Placard Holders. One (1) per side
4 Safety Cone/Bucket Holder	None-Optional
5 Fire Extinguisher	None-Optional