

E X P E R I E N C E   E X C E L L E N C E



Aluminum

# Flatbed Trailers



From the desk of

**M.A.C.**

*Michael A. Conroy*

It gives me great pleasure to introduce you to our product family of MAC trailers. As I reflect, it seems like just yesterday that I started in business as a one man operation repairing wrecked trailers in a single bay garage. Today, thanks to YOU, MAC Trailer has grown to be the nation's foremost manufacturer of dump, flatbed, drop deck, transfer, dry bulk pneumatic tank and liquid tank trailers. Between the two Alliance, Ohio Corporate offices and manufacturing plants, Aftermarket Parts, Inc. and Showroom, MAC Service, the Salem, Ohio Facility, MAC Liquid Tank Trailer in Kent, Ohio and Billings, MT Manufacturing and Parts/Service, MAC Trailer now encompasses over 668,000 square feet of facilities on campuses over 115 acres with a staff in excess of 1100 employees that services both national and international markets. We have also proudly expanded our dump line manufacturing into Oklahoma City, OK and Lima, OH to better serve our customer's needs.

The MAC flatbed has earned a reputation for being a structural trailer appealing to a spectrum of transporters from the brute coil haulers to those with ultra lightweight requirements maximizing payloads for the transport of lumber and materials. MAC Trailer is being applauded by the market as the soon to be leader in flatbed trailers.

The success of MAC Trailer can be attributed to a quality product built by quality people. This product is complemented by an experienced staff and Authorized Dealer Network and is supported by a full service and repair facility and a complete aftermarket parts department – all committed to the highest level of customer service.

My philosophy is to listen and to learn from our customers and pursue continuous improvement through strong leadership and dedicated employees while providing added value in our product, FOR YOU.

*I invite you to Experience the Excellence of MAC.*



**A Commitment to**

# Visionary *Technology*

As a manufacturer, MAC Trailer recognizes the complexity of today's ever changing market, and the necessity to make our customers more competitive with advanced design trailers that will reduce weights, increase payloads, maximize performance and enhance profitability.

For MAC Trailer, technology is not something you purchase, but rather have the vision and ability to create. All of us are constantly listening to YOU the customer. We are going onto job sites to better understand and witness first hand the demands of your individual applications and its impact on the trailer's design and structural integrity. With this direct and personal field knowledge, we then engineer and manufacture a product with a higher level of innovative and created technology.

With such a driving force, MAC's commitment to always strive for improvement and efficiencies of your daily operations has been evident over the years. From the first introduction of the 80K beam meeting extreme hauling requirements for our heavy haul and multi-axle flatbed customers, to the unique manufacturing process we use building our all aluminum drop deck necks that allows superior strength in this critical area and higher capacity loads, to our exclusive all aluminum MAC X-tender expandable flatbed MAC has proved they have listened to the concerns and requirements of their flatbed and drop deck customers.

What does the future hold? We will continue to listen to you our customer, and MAC Trailer will continue the visionary quest of advancement and technology in the flatbed and drop deck product lines.



# MAC Tandem Flatbed Trailers



## Tandem Flatbed Trailers

When quality workmanship, dependability and longevity are critical to your business, all coupled with the best manufacturer's backing in the industry, owner-operators and fleet executives turn to MAC for their platform trailers.

In the forefront of the MAC lineup is the Tandem Flat that is recognized throughout North America as the benchmark of platforms. Simply, reliable - as it is built tough for the tough daily hauls.

## Tandem Flatbed Specs

**MODELS M-52, M-60, M-72 and M-80** Various Lengths and Axle Combinations Available

### Material

6061-T6 aluminum mill finish.

### Construction

Fully welded unitized construction.

### Frame

Manufactured from (2) T-sections that are assembled with center axis weld provides minimum stress to frame beams. Standard 26" deep 52K 4' concentrated load.

Options: 26" deep 60K 4' concentrated load.

27" deep 72K 4' concentrated load.

29" deep 80K 4' concentrated load

### Front

Square corners.

### Upper Coupler

The 5/16" galvanized steel coupler plate is supported by heavy duty "Aluminum" extruded member reinforcement. Mylar tape and Eck applied between dissimilar metals for double protection against Galvanic corrosion.

### Rear

Full unitized construction weldment. DOT bumper, center filler plate with 2 steps. Enclosed light pocket designed to protect rear lights and wiring.

### Dock Bumpers

(2) 8" aligned with main beams.

### Floor

1-1/4" extruded hollow core tubular sectioned with 1-1/4" web section and Knurled top surface. (2) Apitong nailers positioned along side rail.

### Cross Members

5" tall channel with 2" capped top flange and 2" bottom flange. Standard spacing: 18" O.C. Optional spacing: 21", 16", 14" and 12".

### Side Rail

6-3/4" tall open backed extrusion. Option: 7" heavy duty hollow core extrusion.

### Lighting

Grote Ultra Blue Seal harness and wiring, LED lighting.

5 Markers per side.

Rear lights: 3-large/ 3-small/ 3-large.

Center mid-turn.

### Suspension

Hendrickson AANT-230 tandem 122" spread with Hendrickson Axles, TP Bearings (same large inner and outer bearings) and oil bath hubs.

### Controls

Full suspension dump through ball valve control at landing gear.

### A.B.S.

4S2M

### Brakes & Air System

16.5" x 7" extended service brake lining with 30/30 brake chambers, automatic slack adjusters. (1) 12" jumbo Aluminum air tank, Sealco air valves.

### Tires

11R x 22.5 14-PR premium radial tires.

### Wheels

22.5 x 8.25 Alcoa buffed finish

### Drums & Hubs

Centrifuge drums with Duralite hubs.

### Landing Gear

Jost AX150 with drive handle, offers 55k lift, artic grease, no-lube, 10 year Jost warranty.



## Beam Load Ratings

### M-52 (52K - 48' Tandem) M-72 (72K - 48' Tandem)

52,000# - 4' span	72,000# - 4' span
55,000# - 10' span	80,000# - 10' span
60,000# - 20' span	85,000# - 20' span
90,000# - 48' span	110,000# - 48' span

### M-60 (60K - 48' Tandem) M-80 (80K - 48' Tandem)

60,000# - 4' span	80,000# - 4' span
65,000# - 10' span	89,000# - 10' span
70,000# - 20' span	100,000# - 20' span
90,000# - 48' span	120,000# - 48' span

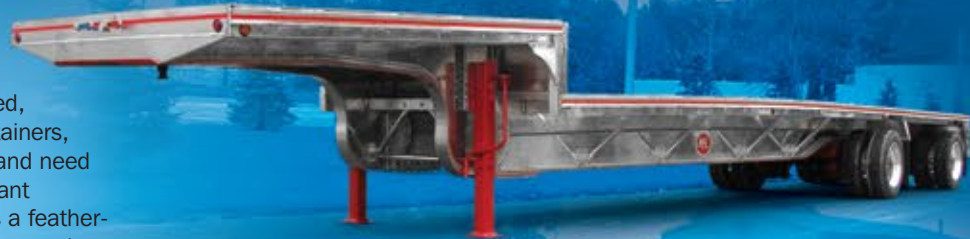
# MAC Drop Deck

## Flatbed Trailers

### Drop Deck Flatbed Trailers

When you need to step-up to lightweight with a drop deck flatbed, whether you are transporting containers, logs, oversized- overheight loads and need to know you have the ever important backhaul versatility, MAC provides a feather-weight trailer built to meet the rigors and complexity of your daily demands.

MAC understands that weight and strength are primary concerns when you purchase a trailer. Unique to the MAC Aluminum Drop Deck is the process of forming the all aluminum neck prior to the final heat treatment of the metal that, in turn, maintains the strength properties of the alloy and also enhances the structural integrity of the design.



## Drop Deck Flatbed Specs

Available in tandem, single axle slide and tri-axle configurations.

#### Material

6061-T6 aluminum mill finish.

#### Construction

Fully welded unitized construction.

#### Frame

Lower deck is built with (2) 72K T-sections forming a 26" deep beam providing a 52K concentrated load rating.

#### Upper Deck

Upper deck assembly is built with stress relieved extrusions. Heat treated after forming maintains all strengthening properties of the extrusions and provides superior neck strength. 10 feet in length. Square front corner. 16" kingpin setting. Attached to the lower deck with a series of Huck Bolts.

#### Front

Square corners.

#### Upper Coupler

The 5/16" steel coupler plate is supported by heavy duty "Aluminum" extruded member reinforcement. Mylar tape and Eck applied between dissimilar metals for double protection against Galvanic corrosion.

#### Lower Deck

Length determined by upper deck length. 41" w/ 255/70R 22.5 tires.

#### Rear

Full unitized construction weldment. DOT bumper, center filler plate with 2 steps. Enclosed light pocket designed to protect rear lights and wiring.

#### Dock Bumpers

(2) 8" aligned with main beams.

#### Floor

1-1/4" extruded hollow core tubular sectioned. (2) Apitong nailers positioned along side rail.

#### Cross Members

5" tall channel with 2" capped top flange and 2" bottom flange. Standard spacing: 18" O.C. Optional spacing: 21", 16", 14" and 12".

#### Knee Braces

Standard on lower deck. A series of diagonal braces from bottom of main frame rails to outside of cross members adding side rail support for wide base loads.

#### Side Rail

6-3/4" tall open backed extrusion. Option: 6-3/4" heavy duty hollow core extrusion.

#### Lighting

Grote Ultra Blue Seal harness & wiring, LED lighting. 5 Markers per side. Rear lights: 3-large/ 3-small/ 3-large. Center mid-turn.

#### Suspension

Hendrickson AANL-230 tandem 122" spread with Hendrickson Axles, TP Bearings (same large inner and outer bearings) and oil bath hubs.

#### Controls

Full suspension dump through ball valve control at landing gear.

#### A.B.S.

4S2M

#### Brakes & Air System

16.5" x 7" extended service brake lining with 30/30 brake chambers, automatic slack adjusters. (1) 12" jumbo Aluminum air tank, Sealco air valves.

#### Tires

255/70R x 22.5 16-PR premium radial tires.

#### Wheels

22.5 x 8.25 Alcoa buffed finish

#### Drums & Hubs

Centrifuge drums with DuraLite hubs.

#### Landing Gear

Jost AX150 with drive handle, offers 55k lift, artic grease, no-lube, 10 year Jost warranty.



# Features & Benefits



Aluminum Dolly Bracing



Flatbed Landing Gear K-bracing



Deck Pockets Along Side Rail



ICC Bumper 48" Length and Under



Dunnage Box-Side Mount



Western Side Rail with Fixed Angle Winches and Fixed Strap Hooks



Slide Strap Hooks



Bumper-Center Section Full Width Step



Belly Mount Panel Storage Rack



Tire Carrier Option



60" Double Door Toolbox, Sliding Winches & Rope Hooks



Frame Bolt Mount Flap Bracket



Sliding J-Hook Tie Down



Single Axle Slider moved to Cal. Legal



Straight Truck Bed Available



Double Entry J-track with Double Spools



Single Spool Side Rail Option



Deck Slitter Pockets



Drop Deck with Four Nailers



60" Double Door Toolbox with Stainless Steel Camlock



Enclosed Midturn Light Option



Wide Load Retractable Lights - Full Extension



MAC STEP-UP Ready for Use with 2-handle Positions



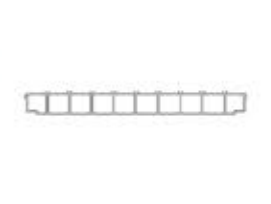
Apitong Wooden Deck Option with Container Locks



Beaver Tail with Flip Ramp and Deck Boards



MAC's Integrally Superior Welded Design



Hollow Tubular Core Extruded Deck



Aluminum 12" Jumbo Air Tanks



JOST AX150 Aluminum Outer Leg Landing Gear



2-protection Barriers



Extra Di-Electric Grease Added



Slider Latching Mechanism with Extended Arm



Hendrickson RTR Intraxx Suspension with HXL5, Full 5-yr. warranty.

# MLP-6 & 8

## Flatbed Trailers



### MLP-6

- 40K concentrated/70K evenly distributed - 4ft concentrated load capacity, 2-piece extruded main beams with center axis weld procedure & 3" arch.
- 1/2" alum. coupler plate extends from front through neck transition.
- The MLP-6 model achieves 106" inside height based on a tractor 5th wheel height of 47" with a curtain side / hard top cover system and 103" to 104" with a sliding cover system kit. This offers 5" to 6" of additional inside height over most competitors when inside cube inches are critical to the customer.

### MLP-8

- 45K concentrated/80K evenly distributed - 4ft concentrated load capacity, 2-piece extruded main beams with center axis weld procedure and 3" arch.
- 5/16" galvanized coupler plate supported by heavy duty Aluminum members.
- The MLP-8 model achieves 104" inside height based on a tractor 5th wheel height of 47" with a curtain side/hard top cover system and 101" to 102" with sliding cover system. This offers 5" to 6" of additional inside height over most competitors when inside cube inches are critical to the customer.



Galvanized sliding winch option



AANL-230 w/ 250 air bags and Hendrickson HXL-5 sealed Wheel End System (5-yr. Warranty). Galvanized suspension hangers and brace.



Wide Turn directional arrow on each side



MLP-6  
1/2" Aluminum Coupler Plate extending through the neck transition.



MLP-8

**MAC Trailer Manufacturing Inc. Corporate Office & Manufacturing**

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*Dump, Straight Trucks*

**MAC Refuse Inc.**

2360 W Main St.  
Alliance, OH 44601  
234.214.6420

*Transfer Tipppers, Movers  
Chipper Trailers*

**MAC Trailer Sales Inc.**

14504 Commerce St.  
Alliance, OH 44601  
855.204.7854

*New & Used Trailer Sales*

**MAC Manufacturing Inc.**

1453 Allen Road  
Salem, OH 44460  
855.884.2252

*Flatbed, Drop Deck  
Dry Bulk Pneumatic Tanks*



**MAC Trailer Aftermarket Parts Inc.**

12241 Rockhill Ave.  
Alliance, OH 44601  
800.647.9424

*Parts for All Trailer  
& Tank Types*

**MAC Trailer Oklahoma**

8304 McKee Industrial Road  
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580.448.4900

**MAC Trailer Texas**

5810 E. State Highway 114  
Haslet, TX 76052  
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**MAC LTT Inc.**

1400 Fairchild,  
Kent, OH 44240  
(Mfg., Service and Parts)  
855.662.2588

*Liquid Tank Trailers*

**MAC Service Inc.**

14504 Commerce St.  
Alliance, OH 44601  
800.297.7986

*All Trailer & Tank Types  
R Stamp*

**MAC LTT Manufacturing**

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406.252.7163

*Liquid Tank Trailers*



With over 668,000 square feet of facilities, a campus of 106 acres and more than 1100 employees all **working for you**, MAC Trailer has become the nation's foremost manufacturer of Pneumatic tank trailers, Liquid tank trailers, Dump trailers and Straight truck bodies, Flatbed and Dropdeck trailers, and Transfer trailers.

[www.MACtrailer.com](http://www.MACtrailer.com)   

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