



# PNEUMATIC TRAILERS



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



M I C H A E L A . C O N N Y

# LEADING THE WAY

I am pleased to introduce you to the MAC Trailer product line. Over 25 years ago, I started in business as a one-man operation repairing wrecked trailers in a single bay garage. Since then, 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. MAC Trailer now encompasses over 1 million square feet of facilities on campuses over 500 acres, and we are able to service both national and international markets.

The success of MAC Trailer can be attributed to a quality product built by quality people. Our product lines are complemented with an experienced sales staff, an extensive dealer network, and a full service and repair facility. In addition, a complete aftermarket parts department provides our customers an added level of support.

As a manufacturer, we recognize the ever-changing market and the necessity to maintain a competitive edge. Our innovative trailer designs will increase payloads, maximize performance, and enhance profitability. MAC Trailer is committed to continued improvement in our design to meet the demands of our customers, and we are pleased that you have joined us on our journey to do so.

*—Michael A. Conny*



# LOW CUBE TANKS

PNEUMATIC TANK TRAILERS

CEMENT | SAND



Low cube pneumatic tanks are built with high quality extruded aluminium in order to construct front and rear frames for tough hauling jobs. These tanks are equipped with a smooth aluminium exterior, complete with internal bar type bracing and internal hopper apex reinforcing plates. MAC Trailer offers a host of optional equipment to enable you to customize your tank to suit your operational needs.



## OPTIONAL FEATURES



Bolt on Lower Cones



Bottom Drop Tees



Optional Walkway



Galvanized Tow Hook



Work Lamps



# HIGH CUBE TANKS

## PNEUMATIC TANK TRAILERS

SUGAR | FLOUR | PLASTIC PELLETS  
LIME | FLY ASH

High cube pneumatic tanks by MAC Trailer are top of the line and built to best suit your operational needs. High quality, polished aluminium is used for these tanks, as well as internal bar type bracing and internal hopper apex reinforcing plates. These high cube tanks also include food safe interior welds, vessel treatments, and manhole designs with cast aluminium covers equipped with 6 cam type latches, white gaskets, and non-ferrous hardware.



Valve Handle Extensions



Raised Center Axles



Front Clean-out



Hose Tubes



Valve Handle Extensions



Built-in Cabinet



Built-in Cabinet

# SPECIFICATIONS

## LOW CUBE AND HIGH CUBE PNEUMATIC TANK SPECS

### Material

Standard enhanced mill finish 5454-H32 aluminum

### Construction (L)

Smooth aluminum exterior with internal bar type bracing and internal hopper apex reinforcing plates

### Construction (H)

Smooth aluminum exterior with internal bar type bracing and internal hopper apex reinforcing plates. Food grade interior weld and vessel treatment.

### Framing

Extruded aluminum front and rear frames

### Manholes

20" cast aluminum covers with 6 cam type latches

### Air Inlet (L)

3" aluminum line at curb side front with proportioning valve and two check valves

### Air Inlet (H)

Aluminum line at driver side front, proportioning valve with stainless steel disc and white gaskets, two check valves

### Discharge Valves (L)

5" butterfly valves with aluminum handles and extensions on street side

### Top Air (H)

Includes butterfly valve with Allomax disc, white gaskets and check valve

### Aeration (L)

BTI SpinFlow aerators with wear plates

### Discharge Valves (H)

5" butterfly valves with Allomax discs and white gaskets

### Aeration (H)

BTI SpinFlow aerators with food grade hoses

### Piping

4" schedule 40 aluminum with discharge under axles

### Tees

Aluminum BTI SiphonFlow tees

### Gauges

Liquid filled tank and line pressure gauges in illuminated cabinet

### Ladder

MAC Stairs at rear with double hand rails

### Walkway

Non-skid tape between toe rails

### Hose Tube

8" x 21' aluminum tube on curb side with door at rear

### Lighting

LED lamps with lifetime guarantee, bolt-on aluminum rear light boxes

### Suspension

Hendrickson Intraax AAT230-RC with 250 air bags with hot dipped galvanized hangers

### Axles

23,000 lb. raised center axles with parallel spindles

### Brakes

Q-type 16.5" x 7" S-cam brakes, Meritor-Wabco 4S-2M ABS

### Fifth Wheel

Hot dipped galvanized 3/8" plate, adjustable in 2" increments

### Landing Gear

2-speed, no-lube, 5 year warranty

### Fenders

Rolled edge aluminum with bolt-on supports

(L) - Specific to Low Cube Tanks (H) - Specific to High Cube Tanks



Rear Air Inlet



Air Piping



Air Cooler



# AEROMAC

LIGHTWEIGHT FRAMELESS PNEUMATIC TANKS

FOOD GRADE



## VESSEL

**Construction** - Monocoque frameless design, clean bore smooth interior with external rings, front and rear void section.

**Internal Treatment** - Food grade.

**Specifications** - Maximum product temperature 185 deg. Maximum operating pressure 14.7 PSI /22.5 PSI Test pressure.

**Vessel Construction** - 0.190" Aluminum 5454-H32.

**Manholes** - Two (2), 20" manholes with aluminum cams and nylon wear plates located above front hopper and rear hopper.

**Aeration** - BTI SpinFlo aerators with food grade rubber cones and clear housings. White food grade hoses connecting to manifold.

## PIPING / FITTINGS

**Top Air** - 3" aluminum line with 3" butterfly control valve with stainless disc and white seat located street side above front fender.

**Product Valve** - 5" butterfly valve with stainless steel disc and white seat; 14" valve handle extensions.

**Product Tee** - 5" x 4" BTI SiphonFlow straight aluminum tee.

**Product Line** - 4" Sch. 40 aluminum product line manifold connected to product tees with groove by smooth cam-on couplings.

## ACCESSORIES

**Ladder** - Aluminum ladder located at rear with top platform landing and lower assist step.

**Walkway** - Adhesive backed tape walkway between toe rails with aggressive tread walkway and extended handrails covering rear transition.

**Landing Gear** - Jost 5-year warranted no maintenance landing gear with 10"x12" shoes and street side crank.

**Suspension** - Hendrickson AANT23, 77.5" track straight parallel spindle axles, AA250 air bags, galvanized frame brackets and gray soft coat painted axle and trailing arms, single leveling valve and integrated dump valve.

## CHASSIS

**Optional Load Gauge** - Air-Weigh LoadMaxx digital onboard scale located street side above rear fender.

**Anti-Lock Brakes** - Meritor WABCO 4S-2M ABS with Roll Stability.

**Wheels** - 22.5" x 8.25" polished aluminum wheels.

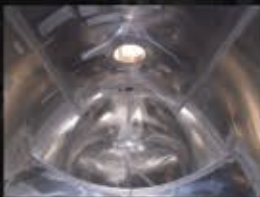
**Tires** - General 16 ply 11R 22.5.

## LIGHTS

**Lights** - Grote 5-year warranted grommet mounted LED lights and plug'n'play harness with aluminum three lamp light boxes.



**American Ingenuity, American Built and American Made**



100% Clean Bore Interior



Transition Walkway with Handrails



102" Wide Low Center of Gravity



Optional Washout Nipple



Easily Removable Cam-on Couplings



Wiring & Airline Accessibility



Galvanized Suspension Hangers and Soft Coat Axles



Hose Tube

N O R T H   A M E R I C A N

# DEALER NETWORK



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Alliance, Ohio

**MAC Waste Trailer, Inc.**

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