

**LPG Storage Tank Trailers for Sale**  
**Triple Axel Portable Propane Storage Tanks**



**VESSEL:**

Built in: USA  
Trailer Dimensions: Length 52'-3 3/4"; width: 102" / L 46m .406 mm , W 2 Meter and 5091 mm  
Capacity: 23,200 - GAL /Liters 87821.553  
Weight Empty: 74,600 LBS/ 33837.991 KG.  
ASME Code: Section VIII, Division I  
Material: SA-612 normalized  
Product Service: Propane  
Working Pressure: 350 PSI /24.1317 Bar  
Temperature Range: -50°F to +120°F  
Baffles: None  
Manway: One (1) 16" manway in rear head  
Openings:  
    Front Bottom: Three (3) 4" liquid, one (1) 4" vapor  
    Rear Bottom: One (1) 3" liquid, (1) 2" vapor  
    Rear Head: One (1) volume gauge, one (1) thermo well located in the man way  
    Middle Bottom: Two (2) 2" for future heat coils, one (1) spare 4" opening

**TANK TRAILER UNDERCARRIAGE:**

Sub-frame: Front and rear sub-frames constructed with 1/4" steel  
Kingpin: Bolted adjustable king pin plate, with lifting lugs.  
Suspension: Three (3) Hendrickson Intraxx air ride 25,000lbs suspensions with dust shields, 77.5" trac, Anchorlok Life Seal Brake chambers.  
Hubs: 10-bolt hub piloted cast iron hubs.  
Drums: Canadian approved braking material and drums.  
ABS System: Midland brake system (2 sensor; 1 monitor).  
Wheels: Twelve (12) 8.5"X 24.5" hub piloted painted steel wheels.

Tires: Twelve (12) Firestone 11R X 24.5" tires (tall).

Landing Gear: Four (4) sets of manual landing gears with a 12" X 72" channel attached to each set.

Fenders:

    Front: Single contour, painted fenders with Westmor mud flaps and anti-sail mud flap brackets.

    Rear: Three (3) sets painted fenders with Westmor mud flaps and anti-sail mud flap brackets.

Bumper: DOT compliant rear bumper with Guard Cushion under ride protection.

Tow hook: Tow hooks attached to rear sub-frame, under the unit by the rear sub-frame (not on the extension tube).

Hose Tubes: One (1), 25' X 8" tube with box and door on one end for the wing end; rubber latch on the door.

    Two (2) hose racks one rack on each side at the rear of the unit.

    Hose rack on curb side has a metal bottom and inside lip.

    Installed in the hose rack.

Lighting: Betts L.E.D. lights w/sealed system in stainless steel light boxes, molded main lead.

    Install a separate license plate light.

Rig mat: 8'X 10'X 6" rig mat and stow device. 2 winch system.

**TANK TRAILER GAUGES:**

Volume Gauge: One (1) volume gauge located in rear head.

Pressure Gauge: One (1) 0-600 PSI tank pressure gauge located on rear head.

Fixed Level Gauge: Two (2) 0% and 85%.

    One (1) thermometer.

Safety Relief: Two (2) 3" 350 PSI relief valves located in the rear of the vessel.

**MID-SECTION PIPING:**

Liquid: Three (3) 4" liquid openings, three 4" internal valves with the internal screens removed air operated.

    Three (3) 4" work valves, air actuated, actuators are air to open and spring to close.

    All 4" liquid lines are joined together below the work valves, and terminate on both sides with three (3), 4" 602-WACO unions.

    Terminating line to have a blow off line on each side piped to the top of the vessel.

    Internal valves has a 1000 gallon per minute excess flow springs installed.

Vapour: 4" flanged opening with a 6" internal stand pipe, 4" internal valve air operated, with the internal screen removed.

    Below the internal valve 2" piping terminating to both sides with 602-WACO unions.

    Vapor line is also joined into the liquid line.

    Vapor line includes a blow off line on each side piped to the top of the vessel.

    Internal valve has a 600 gallon per minute excess flow spring.

Controls: Controls for the air operated valves are a separate system.

    Includes one (1) air tank with male and female connections on each side of the rear sub-frame male connections have a ball valve mount before the air connection.

    Liquid internal valves have separate controls mounted behind the cage.

    The work valves have a common control mounted at the left rear of the unit.

    The rear control is a Rex Roth valve 2 HA , R431004994.

    Located in the cage area is a Rex Roth quick release valve pc. No P52935-4 this allows the system to close quicker.

    Air lines for this system are 1/2".

    This air system is completely separate from the brake system.

**REAR PIPING:**

Liquid/Sprayfill: One (1) 3" liquid opening with internal piping.

    3" internal valve cable operated, piping terminating at the rear with a hammer union and 3-1/4' ACME fitting.

---

Vapour: Piping includes a blow off line piped to the top of the vessel.  
One (1) 2" vapor opening with internal piping.  
2" internal valve cable operated, piping terminating at the rear with a hammer union and 2-1/4' ACME fitting.

Controls: Piping includes a blow off line piped to the top of the vessel  
Rear internal valves are cable operated with the controls mounted at the right rear.

**EMERGENCY SHUT OFF:** Emergency shut offs are located at the left front and the rear of the unit.  
Dump valve installed for faster air release.

**DOCUMENT BOX:** Stainless steel box with quick release latches

**JACKET:**

Outer Jacket: 0.050" Painted aluminum lapped seams at head to shell connection, flanged and dished  
12 gauge steel heads

Insulation: Vessel insulated with 5" polyurethane foam, 2.0-2.5 lb. density, foamed in place with  
poly vapor barrier sprayed over foam.  
Fire suppression applied to insulation.

**FINISH:**

Inner Vessel: Two coat Epoxy Primer.

Exterior Jacket: Skin, fenders, hose tube, piping, painted *Norm Gossett* brown.  
Sub-frames, cage painted black.

---