**2020 Countryside Tank MC-331, LP Transport 11,500 Gallon 84” (250 PSI) Closed Tandem**

***Estimated weight: 21,724 lbs***

# **Pressure Vessel:** 11,500 US water gallons LP Transport 83.5” ID vessel built with SA-517 QT steel, closed tandem. Built in accordance with ASME code section VIII, Division I and D.O.T. specifications MC-331.

**Design Pressure:** 250 PSI

**Operating Temp:** -20 – 125 degrees Fahrenheit

**Product Service:** Refined LPG/Butane

# **Baffles:** Two sets of 3/16” Grade 5454 Aluminum baffles

**Subframe:** Sub-frame constructed of **carbon steel**.

# **Suspension: (**2), Hendrickson Intraax 23K air ride suspensions; 17” RH; 77.5”

track with parallel spindles

**ABS:** Wabco combination 4S/2M ABS

**Brakes:** Drum brakes.

**Wheels:** (8) Alcoa LV1 Aluminum wheels

**Tires:** (8) Goodyear Marathon RSS 11R22.5 tires **Fenders:** Double contour aluminum front and rear fenders. **Mud Flaps:** Anti-sail mud flaps mounted to rear of trailer.

**Bumper:** D.O.T. compliant bumper.

# **Hose Tubes:** (2) 8” (x) 21’ aluminum hose tubes. One door per tube.

**Landing Gear:** Jost model L300 landing gear two-speed roll-down landing gear with 10” x 10” sand shoes. Crank located on street side.

**Kingpin:** Adjustable king pin plate, 2.5” increments

**Lighting:** DOT approved Trucklite LED lighting with mid-ship turn signals and stainless steel rear light boxes.

(1) Betts LED work light on each sides of piping protection cage. (2 total)

**Electrical:** System: Twelve-volt electrical system, lights, and reflectors, all furnished in accordance with D.O.T. regulations. Electrical and air connections are custom sealed.

**Piping:** Openings include a pump flange, liquid flange, and a combined spray fill and vapor flange. (4 total) Openings in the following order from front to rear: Pump, Liquid, Spray-fill , Vapor.

**Pump:** Marshall Excelsior 4” flanged air actuated internal valve, 4” Blackmer pump. Pump set for hydraulic drive. Hydraulic tubing terminates at end of **curb** side fender. (2) 2” flanged MEC globe valves and terminating both street and curbside with 3.25” (x) 2” brass ACME adapters and caps.

**Liquid :** 3” Flanged liquid withdrawal opening piped with 3” MEC air actuated internal valve, (2) 2” flanged MEC globe valves and terminating both street and curbside with 3.25”x2” brass ACME adapters and caps.

**Spray-fill:** 3” Flanged spray-fill opening piped with 3” MEC air actuated internal valve; (2) 2” flanged MEC globe valves and terminating both street and curbside with 3.25 (x) 2” with a 1.75”x2” reducer and brass ACME adapters and caps.

# **Vapor:** 3” Flanged vapor opening piped with 3” MEC air actuated internal valve; (2) 2” flanged MEC globe valves and terminating both street

and curbside with 3.25 (x) 2” with a 1.75”x2” reducer and brass ACME adapters and caps.

**Relief Valves:** (2) Marshall Excelsior threaded 3” 250 PSI relief valves

**Smart Hoses:** Customer supplied smart hoses.

# **Blow Downs:** Blow down system: Blow down with .5” stainless steel ¼ turn ball valve furnished for each manual valve, including auxiliary intake piped to top of trailer with ½" stainless steel tubing.

**Valve Controls:** Air operated valve controls to be located in the cage area. Valve control box located **curb side.**

# **Safety Remotes:** Air operators at the left front and rear right of transport. D.O.T.

Emergency Shut-off markings provided

**Brake Interlock:** Brake interlocks installed with Dixie gates.

# **Gauges:** MEC visual percentage gauge, (4) fixed outage gauges set at 83%, 85%, 87%, 90%, 0-400# liquid filled pressure gauge, and thermometer all installed in recess wells curbside.

**Fire Extinguisher:** 20 lb bracket provided by Countryside Tank. Located on street side of rear subframe. Can be moved to other location if desired by customer. Customer provides fire extinguisher.

**Paint:** Sandblasted, primed and painted. PPG Spectracron 560 wet on wet primer and Spectracron 380 series poly-lothane HS exterior polyurethane top coat.

**Other items:** Document holder mounted on street side landing gear, conspicuity tape per D.O.T., chock blocks and holder mounted to front of rear sub-frame. (1) Aluminum air tank. Add aluminum slide-in style placard holders to all (4) sides of trailer.

**HM-225/Passive** Customer supplied Smart hose.

# **Terms:** 30% deposit with signed order. Balance due upon completion.

Price valid for 7 days.

**Delivery:** Customer to pick-up trailers at our production facility located at

1525 E Eddy Saylor Pkwy, Osceola, Iowa 50213