



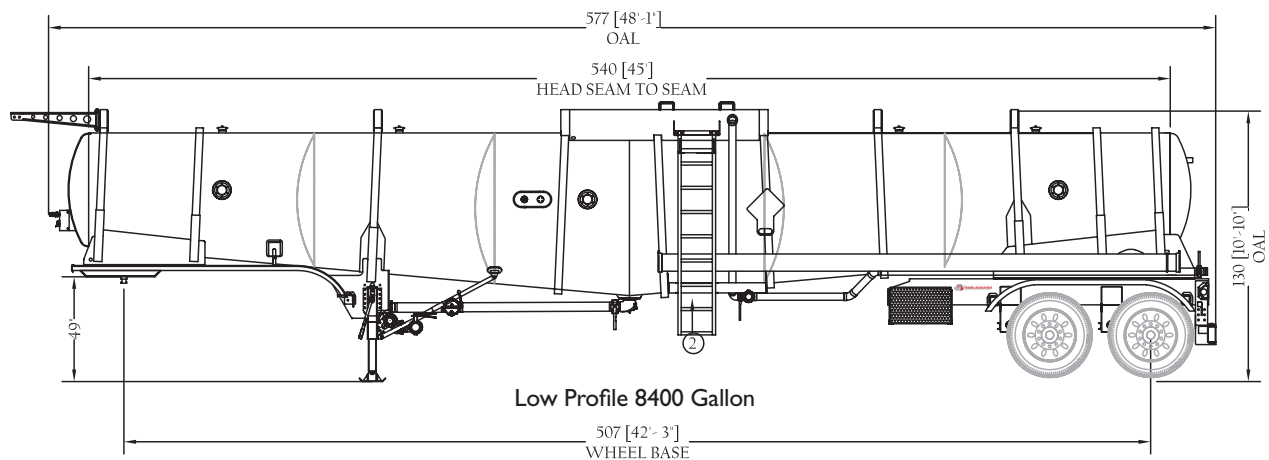
# Low Profile Double Conical Aluminum Tank Trailer



More than ever, crude haulers are transporting their valuable cargos with Dragon double conical trailers – because their profitability is riding on it. The conditions around well sites and production areas are infamously harsh. This is no place for average equipment. Which is why Dragon designs and builds its double conicals to deliver performance that goes well above and far beyond.

## SPECIFICATIONS:

- Low profile 8400 gal double conical for crude
- Type: double conical, dot 407 spec
- Capacity: 8400 gallons, plus 2%
- Compartment: single
- Commodity: unspecified fluids
- Design Pressure: 25 PSI internal  
45 PSIG hydrostatic test



DBCON • 7/14

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# Low Profile Double Conical Aluminum Tank Trailer

- Length: 535" head seam to head seam, 577" (48'-1") oal
- Shell: 5454 h32 aluminum, 56" i.d. end, 80" i.d. center, 1 Circumferential seam at center (24" pitch)
- Head: 5/16" 5454 temper 0 aluminum, asme f&d
- Baffle: 1/4" 4 – reinforced flared & dished
- Welds: internal - as welded, external – smoke and discoloration removed
- Stiffener Rings: 10-2" x 3" aluminum channel, external solid welded
- Manway: knappco lm1161 20" manhole with 6 cam over latches
- Cleanouts: 5 – 3" male pipe nipple with stainless steel on top center line, 1 in each baffle space 3 – 3" sump side cleanouts each side
- Over Turn Protection: spill dam at top manway with drain hose includes level gage port, relief valve and vapor recovery valve
- Lights: full dot lights, led sealed lights, harness and junction box with terminal strip
- Additional: (4) betts model 325503 w/ switch located at loading and at rear of trailer, class 2 led amber strobe at rear ring at highest point
- Suspension: watson chalin integra (light weight integrated) air ride, 30,000 lb per axle
- Axles: 25,000 lb round w/outboard drums, dura-light lightweight hubs and cast lite drums 77-1/2" track Add auto-inflate system
- Wheels: 10 hole, steel disc, hub pilot, white
- Tires: 11.00 x 24.5 m843 bridgestone cut/chip resistant
- Brakes: 16 1/2 x 7 with spring parking, auto slacks, wabco 4s-2m abs system, bendix tab 6 rss system installed
- Upper Coupler: 5/16" bolster plate, bolt on adjustable, 49" truck 5th wheel height
- Landing Legs: 2 speed, heavy duty, high capacity lift, 14" travel
- Bumper: galvanized bolt on pull bar bumper
- Rear Tow Eyes: heavy duty dee rings installed on rear of suspension box end caps
- Fenders: 3/4 fenders on front, full on rear
- Mud Flaps: anti sail
- Hose Tube: 2 – 8" x 21' hose tube, one each side
- Coating: exterior, all steel surfaces white metal steel grit blast, 2 mil profile (sp-6), painted metallic silver with high solids polyurethane, 4-6 mil dry film thickness.
- Lining: tnemec 142 lining installed in tank with spark test
- Placards: 4 – slide in placard frames, sides and rear pin on
- Fire Extinguisher: 1 – 20 lb dry chemical for hydrocarbons
- Bottom valve: 6" x 4" high flow long radius 90 deg air operated emergency valve with shear section at bottom center
- Discharge pipe: roper 3548mbhfrv installed to 4" aluminum pipe forward with valve and extension handle to cross forward of ladder with connections to both sides, top load ports to have api loading valve 891 w/ 876 gravity coupler and dust cap, bottom discharge of pump with isolation betts pneumatic 4" valve tied to shutdown alarm with 4" sureseal butterfly valves and camlock adapters at load port
- Vapor Recovery: 3" air operated butterfly valve at tank top with contour pipe to bottom of tank, with vents at driver side near ladder and rear of tank with butterfly valve, cam lock and cap
- Relief's: dot specification, fort vale stainless steel pressure/vacuum relief valve, located in spill dam with air kit and gauge
- Level Gauge: 2 independent gages, 1 – Finch II electronic level indicator by Titan Logix. 1 - side mounted 3 1/2" float indicator installed on drivers side
- Calibration/additional: Titan Logix calibrated in barrels with spillstop installed with hydraulic and pneumatic shutdowns. warning alarm for 128 db horn set at 186.8 bbls and shutdowns set at 195.3 bbls
- Thermometer: 3", 250 deg installed on drivers side
- Gauge: 60 psi gauge installed in vapor recovery line
- Ladder: bolt on ladder to spill box with top platform step, installed on drivers side

## OPTIONS:

- Side mounted float indicator and thermometer protected by surrounding 1/2" x 2" guard ring
- Bolt on front fender mount arms
- Extra 2" coupling in spill box (typ use for sculley)
- Shovel holder to driver side at front of suspension box
- Static reel at road side landing gear, lincoln greasing system installed behind toolbox
- Airweigh system