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Tank

<u>Tank Model:</u>	Cardinal
<u>Tank Style:</u>	Combo (26" x 26" Rear side delivery doors)
<u>Tank Capacity:</u>	2,500
<u>Tank Compartments:</u>	Four (800//700//600//400)
<u>Double Bulkheads:</u>	Three double bulkheads
<u>Tank Construction:</u>	Tank to be of aluminum construction. Tank floor will be .250 with the sides and top to be .190. All tank baffles and bulkheads will be .210. Cross members will be installed at all heads and baffles. Tank long sills are to be "V" shaped. Floor sumps will be 3". Overturn protection will be separate from tank shell and meets all DOT regulations. There will be expanded metal installed between tank overturns. Top shrouding of the tank will be an open type with double rear drains.
<u>Bumper:</u>	Rear bumper will be fabricated from 3/8" polished aluminum and will be bolted in place. Bumper will exceed all DOT regulations.
<u>Ladder:</u>	(1) Rear driver's side ladder with casted steps
<u>Fenders:</u>	Rear fenders will be polished aluminum jeep style and bolted in place for easy removal with mudflaps.
<u>Manholes:</u>	(4) 16" Betts Tiona manholes with 10" latching covers
<u>Tank Mounting:</u>	Mounting will be done with Oak sleepers with 3/4" bolts and our "Y" type aluminum tie down castings
<u>Cabinets:</u>	(1) 36" x 18" x 18" Aluminum diamond plate toolbox mounted to chassis frame on curbside
<u>Tank Markers:</u>	(4) Tank calibration markers will be installed
<u>Piping:</u>	(4) 3" Air operated emergency valves will be installed and (4) 2" pipelines will be ran to the rear with a raised rear floor and drip pan

Tank Equipment:

- Lighting:** Betts valox with Four (4) clearance – 2 red and 2 amber and one bar 3 ; Betts S200 with integral reflectors; B40JL Tail light/ sealed beam back up lights; 2- B40 Cluster lights on rear head; B-50D meter delivery light; All light wiring in weatherproof tubing and junction boxes; ALL lights to be LED type Circuit breaker for hose reel; Lighting conforms to FMVSS-MC108
- Meter:** (2) 2” LC meters with LCR II electronic printing registers with in an in cab printer and maux box. Meters will include air eliminator, x-valve and preset. Meters will face out the rear.
- Emergency Valves:** (4) 3” Air operated emergency valves with rear controls and a front fire release
- Hose reel:** (2) Hannay EPIV hose reels will be installed and facing out the sides
- Hose:** (2) 1 ¼’ x 150’ Fuel oil delivery hoses. (2) Whip hoses
- Nozzle:** (2) 1 ¼” Delivery nozzles
- Pump:** (2) 2 ½” Blackmer pumps with AV and “T” strainer
- PTO:** (2) Hot-shift PTO’s with rear controls
- Dry Brakes:** (2) 2” Female dry brakes and (4) 2” male dry brakes
- Check Valve:** (2) 2” Air operated check valves
- Painting:** Touch up steel parts only
- Other Options:** Placard holders and placards on all sides.

Chassis

Pre-Emission - 33,000 GVW (10K Front and 23K Rear) - Six-Speed Manual Transmission -
Max Force DT Engine - 260 HP @ 800 lb-ft Torque - Chrome Grille -
AM/FM Radio w/CD - Base Coat/Clear Coat Paint - Black in Color -
Polished Aluminum Wheels - Heated Chrome Mirrors - A/C - Deluxe Interior Trim -
Chrome Bumper - Tilt Steering Column - Exhaust Brake - 120" CA

ALL tanks to meet DOT – 406 current regulations - All applicable DOT tests per 49CFR will be completed

<p>This product is designed for petroleum products. It is the responsibility of the operator not to exceed the GVW of the unit or the D.O.T. and state highway rulings.</p>
