

**RAGLAN TANKER**  
**(8 AXLE / 4 POTS)**  
**(MICHIGAN / ONT. SPIF)**

**Dimensions:**

Length	- 50'0"
Width	- 102"
Height	- 156" from top of manholes to ground level
Capacity	- 2,000 cubic ft.
Weight	- Approximately 23,800 lbs

**Tank Construction:**

Material	- Aluminum plate 5083 H32 - The tank is solid MIG welded on the interior and solid TIG welded on the exterior
Ladder	- Mounted on rear of tank; no-slip surface on the rungs
Catwalk	- No-slip surface on top of tank for full length
Toe Kick	- 4" high aluminum toe kick full length of barrel
Man Holes	- Four (4) 20" Knappco with full opening toward front
Slope Angles	- All slopes to discharge are @ 45 degree angles
Barrel Rings	- Rings are internal
Frame	- Aluminum channel
Divider	- Full centre divider to haul different products in each compartment - common top air



RAGLAN TANKER  
(8 AXLE / 4 POTS)

**Under Construction:**

Axles	- 22,500 lbs. 77 ½” track, inverted drop x 4
Steer Axle (Lift)	- 22,500 lbs. 84” track, Self-Steer, 25 degree turn, inverted drop x 2
Lift Axles	- 22,500 lb, 77 1/2” track, inverted drop x 2
Wheels	- 10 stud Duralight/Centrifuge
Brakes	- 16.5 x 7 x ¾ Q-brake, CM-20, non-asbestos lining
Air Chambers	- 30-30 c/w cam enclosures and automatic slacks (Haldex)
Seals	- Stemco Guardian
Tires	- 385/65R 22.5 Continental x 16
Rims	- 12.25 x 22.5 Alcoa 10 hole hub pilot aluminum x 16
Suspension	- 25,000 lb. Air Ride, 51 ½” Quad
Phantom Lift	- 25,000lb Air Ride @ 51 ½” ahead of rear Quad and between steer axles
Lift Suspension	- 25,000 lb. Air Ride 108 ½” spreads to front - Self-steer, air equalized, lift control on trailer, axle lock - Automatic Reverse Lift (RM-60) - Ontario/Michigan switch in control box
Landing Gear	- Jost two speed c/w crank on road side
Pick Up Plate	- 5/16” plate @ 50” high c/w 15” king pin setting - Upper coupler is bolted on to aluminum channel frame
ABS	- Haldex



RAGLAN TANKER  
(8 AXLE / 4 POTS)

**Under Construction cont'd:**

Bumper - Fabricated aluminum at rear of unit

Air Pressure - Low pressure warning system

**Blower System:**

Hot Air - 4" O.D. diameter pipe c/w cam lock cap, 4" flow back, and 2" pressure relief @ 18 lbs.

Jumper Hose - Not included

Top Air - 3" O.D. diameter aluminum pipe to top of tank c/w 3" butterfly valve, 2" pressure relief @ 15 PSI, and 3" blow down

Discharge Line - 4" aluminum discharge line running through to rear of trailer  
- The discharge has B.T.I. victaulic couplers between the discharge valves of each bin.

Discharge Valve - Each bin has a 6" B.T.I. butterfly valve c/w handle extension to road side

Aeration - Three (3) aerators mounted on each cone c/w 2" butterfly valve and 1 1/2" line, complete with 2" flowback. (Aerators c/w rubberized stainless steel cone savers)

Gauges - 4" diameter glycerin filled 0-30 PSI, one (1) for line pressure, one (1) for tank pressure, mounted on drivers' side c/w light

Valves - B.T.I., aluminum body, cast iron disc, black rubber

RAGLAN TANKER  
(8 AXLE / 4 POTS)**Miscellaneous:**

- |                 |   |
|-----------------|---|
| Lights          | - L.E.D. c/w side signals   |
| Fenders         | - Aluminum over each axle and flat aluminum fenders at front                                      |
| Flaps           | - Mounted on each fender  |
| Control Box     | - Water-sealed, mounted on roadside of unit   |
| Paint           | - All steel component sandblasted, primed, and painted one (1) colour<br>-Aluminum washed natural |
| Weight Gauge    | - Mounted at control box  |
| Hose Tubes      | - One (1) 8" x 20'-0"<br>- One (1) 8" x 10'-0"  |
| Discharge Hoses | - Not included  |

