

RAGLAN TANKER
(4 AXLE / 4 POTS)
(QUEBEC, N.B., N.S.)

Dimensions:

Length	- 47'4"
Width	- 102"
Height	- 147" from top of manholes to ground level
Capacity	- 1,800 cubic ft.
Weight	- Approximately 7,300 kg

Tank Construction:

Material	- 5083 H-321 aluminum plate - 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 - Grab handles extend 24" on top and down sides
Catwalk	- Top of tank painted with non-slip surface treatment
Toe Kick	- 4" high aluminum toe kick full length of barrel
Man Holes	- Four (4) 20" Knappco, full opening to the front
Slope Angles	- All slopes to discharge are @ 45 degree angles
Barrel Rings	- Rings are internal

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Under Construction:

Frame	- Aluminum channel
Axles	- 22,500 lbs. tapered spindle, 77 ½" track
Steer Axles	- Tapered spindle, 86" track, 25° turn, reverse lock, reverse auto lift (RM-60) Wheel Monitor Valve
Hubs	- 10 stud steel
Tires	- 11 R 22.5 16 Ply radials on Tridem - 385 / 65R 22.5 20 ply radials on steer axle
Rims	- 8.25 x 22.5 10 hole hub pilot aluminum on Tridem - 12.25 x 22.5 10 hole hub pilot aluminum on steer axle
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)
Suspension	- 25,000 lb. air ride, 72" spread Tridem c/w manual dump valve
Lift Suspension	- 25,000 lb. air ride @ 100" ahead - Air equalized, manual lift control on trailer
Landing Gear	- Two speed with crank on driver's side
Pick Up Plate	- 5/16" plate @ 49" high c/w 18" king pin setting - Upper coupler is bolted on to aluminum channel frame
ABS	- Haldex 2S / 1M
Air Tanks	- Rubber mounted aluminum, all with manual pull drains
Bumper	- Fabricated aluminum at rear of unit



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Blower System:

- Inlet Line - 4" O.D. diameter pipe c/w cam lock cap 4" flow back, and 2" pressure relief @ 18 PSI. Hot air pipe had a 90° elbow at front of trailer, c/w hose hook and coupler storage
- Top Air - 3" O.D. diameter aluminum pipe to top of tank at rear c/w 3" butterfly valve, 2" pressure relief @ 15 PSI and 3" blow down
- Discharge Line - 4" sch. 40 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 - 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 ½" line, c/w 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
- Load Lines - Two rear mounted load lines mounted at rear c/w dust cap

Miscellaneous:

- Lights - L.E.D. c/w side signals
- Fenders - Polyethylene contoured over each axle and flat aluminum fenders at front of trailer
- Flaps - Mounted on each fender



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Miscellaneous cont'd:

- Paint - All steel components sandblasted, primed, and painted one (1) colour
- Aluminum washed natural (Mill Bright)
- Control Box - Water-sealed, mounted on roadside of unit
- Hose Tubes - One 20' mounted curbside and 10' mounted roadside c/w cast lids

