

RAGLAN TANKER

(4 AXLE / 4 POTS)

(ONTARIO SPIF)

(DRAWING# T4418009)

Dimensions:

Length	- 46'4"
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



RAGLAN TANK
4-Axle / 4 Pot
(Ontario SPIF)

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



RAGLAN TANK
4-Axle / 4 Pot
(Ontario SPIF)

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

Miscellaneous:

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



RAGLAN TANK
4-Axle / 4 Pot
(Ontario SPIF)

Miscellaneous cont'd:

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

