



RO-TANKER 2000 - Mobile steel vacuum tank

PROVEN OIL SPILL TECHNOLOGY

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The RO-TANKER is designed to operate with the RO-VAC MKII or other suitable vacuum pumps.

The RO-TANKER has been designed to provide the operator with the most versatile system for collection, transport and disposal of recovered oils and liquids.

The RO-TANKER is manufactured in steel and has a capacity of 2000 litres (528 US Gallons). It can withstand vacuum levels generated by common vacuum pumps.

An over pressure safety valve is fitted along with a vacuum relief valve.

The RO-VAC MKII is also capable of redirecting the airflow back into the tank for pressurized discharge.

Primarily designed with oil spill applications in mind the RO-TANKER is fitted with large diameter wheels for towing over rough terrain by industrial or agricultural vehicles such as backhoes, tractors and trucks.

A large diameter hinged hatch with debris screen is fitted to the rear of the tank along with a bottom discharge connection.



Advantages of RO-TANKER 2000:

- Robust vacuum tank
- Safety devices fitted
- Hose racking
- Large diameter wheels
- Automatic shut off
- Level gauge
- Overrun and parking brakes
- Vacuum and pressure
- Can be used with the RO-VAC to make a complete vacuum system

TECHNICAL DATA

Tank capacity:	2000 litres / 528 US Gallon, max vacuum 0.95 bar (95% vacuum)
Shut off:	Integral ball device in tank top.
Connections:	3 in Camlock type - vacuum, suction and discharge. All fitted with lever valves.
Port:	400 mm / 15 in hinged rear access port for internal tank cleaning.
Gauge:	Pressure/vacuum gauge fitted, range -1 to 3 bar / -14.5 to 43 psi
Safety valves:	Adjustable valves - 1 x vacuum and 1 x over pressure.
Bursting disc:	Fitted to the top of the tank. This carbon disc will rupture in the event of internal tank explosion directing the hazard away from operators.
Towing:	50 mm / 2 in ball hitch or ring. Adjustable towing height. Additional tow ball is fitted to the rear of the tank for in-line towing of the RO-VAC MKII.
Dimensions:	3.80 x 1.75 x 1.98 m 800 kg empty / 149 in x 69 in x 78 in 1,764 lbs
Optional:	Overrun brakes, road lights, spares kit, MINI-MAX floating suction head, additional suction hose, anti-static cables, RO-VAC MKII diesel vacuum pump, multi-lift frame, galvanised finish.

The RO-TANKER can be delivered in accordance with Lloyds Register approval. The RO-TANKER can also be placed on the deck of a vessel for at sea oil recovery operations, the wheels can be removed if required. Operating in this manner can be a useful technique for shoreline cleanup especially if the shoreline is inaccessible from land.