



RO-TANKER 5000 - Mobile steel vacuum tank

PROVEN OIL SPILL TECHNOLOGY

RO-TANKER 5000 - Mobile steel vacuum tank

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 5000 litres / 1,321 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 5000:

- 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:	5000 litres / 1,321 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:	A towing ring is fitted. Additional tow ball is fitted to the rear of the tank for in-line towing of the RO-VAC MKII. Overrun brakes fitted.
Dimensions:	5.15 x 2.03 x 2.52 m 1855 kg empty / 203 x 80 x 99 in 4,089 lbs
Optional:	Road lights, spares kit, MINI-MAX floating suction head, additional suction hose, anti-static cables, RO-VAC MKII diesel vacuum pump, multilift frame, galvanised finish. The RO-TANKER can be delivered in accordance with Lloyds Register approval on request.

The RO-TANKER can also be placed on the deck of a vessel for at sea oil recovery applications. Operating in this manner can be a useful technique for shoreline cleanup especially if the shoreline is inaccessible from land.