



*For Large or Small Oil Spills
The Robix C Series is the Solution*

Oils Spills Are a Fact

1.3 M gallons (4.9 M liters) of petroleum are spilled into U.S. waters from vessels and pipelines in a typical year (U.S. Department of Energy - 2000)

ITOPF maintains a database of oil spills from tankers, combined carriers and barges:

In the five year period 2010-2014 there have been 35 spills of 7 tonnes and over globally, resulting in 26,000 tonnes of oil lost.

The total recorded amount of oil lost to the environment in 2014 was approximately 4,000 tonnes.

ITOPF oil spill statistics for tankers, reveal that 80% of all tanker spills are less than 7 tonnes and that 80% of these arise from operational accidents such as those that might occur during loading, discharging, and bunkering.

Who We Are

About Us

Robix recognizes worldwide market opportunities for effective containment, recovery and cleaning equipment, particularly in the oil spill protection industry. The Company has developed the C Series Clean Ocean Vehicle, an effective mechanical oil recovery alternative to current industry standards.

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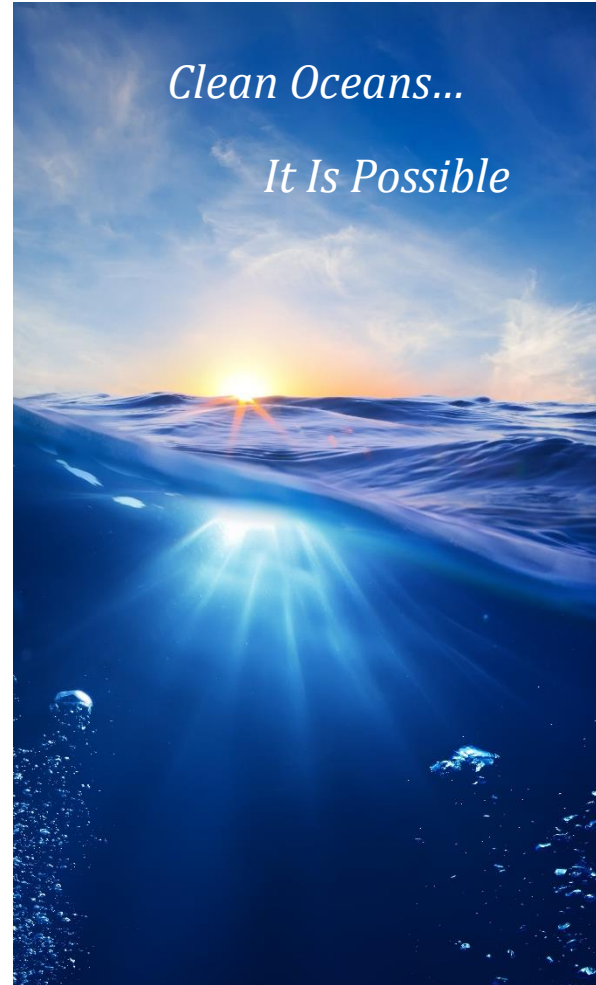
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ROBIX

*The Next Generation of Oil Spill
Recovery Technology*



Robix C Series Clean Ocean Vessel

Effective and Efficient Oil Spill Recovery

Introducing the Robix C Series Clean Ocean Vessel, a catamaran style vessel with ballast tanks for stable floatation.

The Robix C Series is a patented oil spill recovery vessel capable of efficiently and effectively recovering oil in rough and debris laden sea conditions as well as lakes, rivers and tailings ponds. Where other conventional mechanical oil recovery systems quite often fail in anything more than calm waters, the Robix C Series can operate in up to 8 foot waves.

Changing Oil Spill Recovery and Containment

The patented C Series features two high speed contra rotating metals drums mounted roughly 1 inch apart. When submersed in a slick, these spinning drums create a vertical pumping action that lifts or siphons off oil from the water surface. In addition, oil naturally adheres to the metal surface of the drums which are equipped with scraping edges that clean collected oil off the drum with each rotation. Captured oil is stored in onboard holding tanks. The Robix C Series can run down oil in a 24/7 operation. Its symmetrical design allows it to be pushed or pulled from either end, in either direction, for optimal recovery.

Rapid Response – Recovers up to 160 m³/h of spilt oil

A Scalable Solution – Multiple Uses

Available C Series Models

C Model	Draft (in)	Tank Volume (m ³)	Recovery Rate (m ³ /hr) (barrels/hr)
10	6	2.5	10/62.5
20	9	5	20/125
40	12	10	40/250
80	18	20	80/500
160	24	40	160/1000



Robix C160 - Ideal for Ports and Drilling Platforms

Target Markets for the COV

Insurance underwriters support – mitigates very large liability issues in marine and pipeline markets.

Large scale disaster protection – responds to spills from pipelines at port and oil drilling and production platforms.

Shipping ports / Marinas – helps alleviate liability issues from spills and offers environmental stewardship.

Ships – on-board vessel attached to a ship, for primary protection of the ship and benefits under Marine law for neighbouring shipping vessels.

Tailing Ponds – cleanup of bitumen production in the Alberta Oil sands projects.