

FORU-70

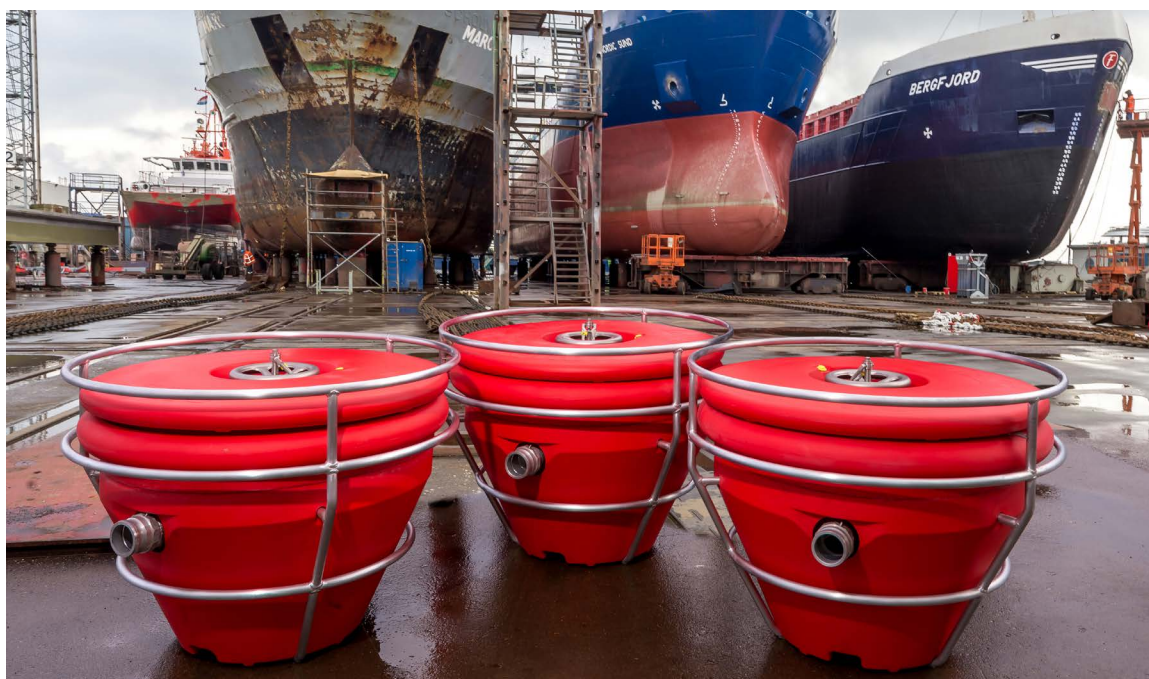
Floating Oil Recovery Unit

The ultimate offshore solution

Oil spills occur daily and rapid response is essential to prevent damage to the environment. FORU-Solution presents its latest innovative technology: the **FORU-70**. The FORU (Floating Oil Recovery Unit) is a unique oil recovery device. It is a skimmer based on the latest technological developments with a down-draft system that performs skimming activities. Its shape makes it free-floating, becoming one with the waves and ready to function under rough circumstances.

The **FORU-70** is the compact version of the FORU-340, specially designed for the sensitive shallow parts of the Wadden Sea (UNESCO World Heritage) and thoroughly tested in several oil types by the Norwegian Coastal Administration test center in Horten, approved by DNV GL. Working at maximum speed the FORU takes in up to 70 m³ per hour of the oil/water mixture. The toxic liquid will be pumped into a storage facility such as a container, barge or bladder.

Small, agile and safe. The **FORU-70** is made from durable polyethylene, marine grade aluminum and stainless steel materials.



Coastal



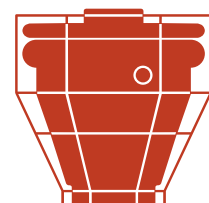
Inland



Harbour

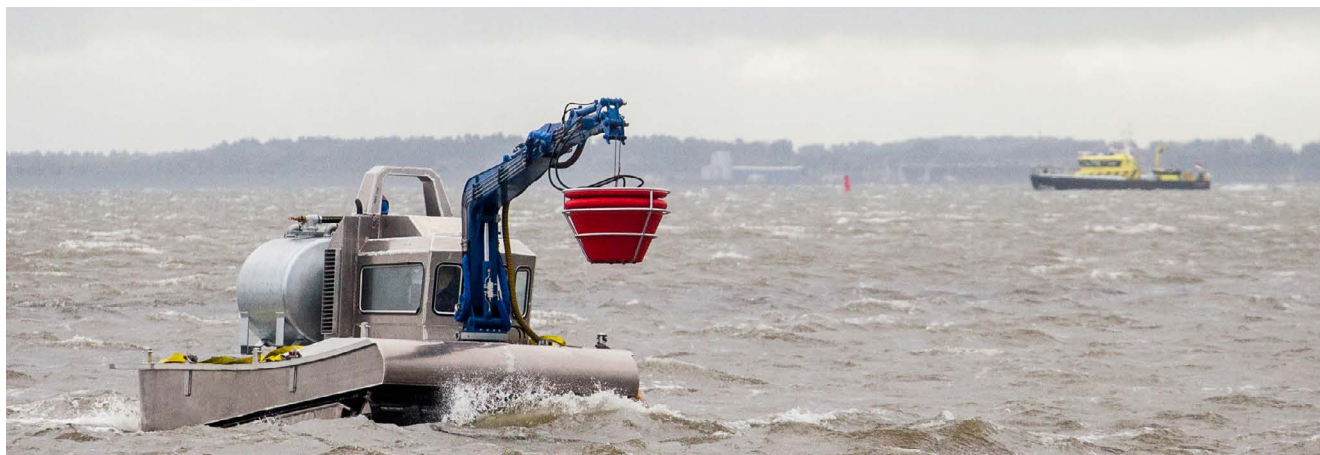
Unmatched characteristics

- Robust skimming system
- Only mechanical parts
- Floating independently
- No inflow obstructions
- Fast deployment
- No assembling necessary
- Capacity of 5 - 70 m³/h (1300 - 18,500 US gph)
- Proven high efficiency and oil recovery rate of 75% up to 100%
- 360 degrees adjustable inlet opening
- Operates efficiently in rough waters (waves up to 1 m (3.3 ft))
- Easy to handle and clean, no sheen during demonstration



FORU-70

Floating Oil Recovery Unit



Technical data

| | |
|------------------------|--|
| Max. capacity / head: | 70 m ³ /h - 5 bar max (18,500 US gph - 75 psi)* |
| Working principle: | Down-draft principle, adjustable inlet gap of 360° perimeter |
| Draft: | 755 mm (29.7") |
| Weight (empty): | 75 kg (165.5 lbs) empty / 200 kg (440 lbs) in water |
| Pump: | Hydraulic driven centrifugal screw pump, continuously variable |
| Maximum solids: | 40 mm (1.6") |
| Discharge: | 3 inch with Camlock Coupling** |
| Maximum hydraulic: | 25 l/min (6.6 US gpm) / 250 bar (3625 psi)* |
| Maximum power: | 10.5 kW (14.25 hp) |
| Hydraulic connections: | 3x Tema quick release** (3/4" 1/2" 3/8") |
| Transport: | Single lifting eye |
| Storage: | 10 ft container fully equipt (Optional) |
| Dimensions: | Ø 1080 x 842 mm (Ø 42.5" x 33.1") |

* 150 m³/h (39,500 US gph) in water with 49 l/min (12.9 US gpm), 21 kW (28 hp) hydraulics max.

**Other types and adapters available on request

Want to see more?

Scan the QR-Code to go to our website for more information and to watch our demonstration videos



FORU-Solution BV

Lange Lijnbaan 1 | 8861 NW Harlingen | The Netherlands
T +31(0)20 894 39 84 | info@foru-solution.com | www.foru-solution.com

