

Product Datasheet

ScorSkim 90

The ScorSkim 90 is an oleophilic, free-floating skimmer with a triple recovery bank, designed for various oil recovery operations. The modular system consists of an aluminium floating body, which has 3 recovery unit stations. Its station can accept 3 different types of recovery units: brush, disc or drum, quickly interchangeable depending on the viscosity of the targeted oil. The key component of the skimmer is the oleophilic brushes, which attract and adhere to the oil while repelling the water. The performance of the system is certified and can achieve oil recovery rates of up to 99%. The system is designed to be operated offshore, able to handle swells and rough seas by utilizing a stable core.

Modular Oleophilic Skimmer



Technical Properties

- High oil recovery rate while minimizing the amount of water collected. The 99% efficiency is due to the selective affinity of the brushes for oil over water.
- Hydraulically driven with low power requirements and quick release couplings that can be easily connected to a dedicated power pack or directly to the vessel's hydraulic system if available.
- Built with highly durable materials including a marine-type aluminium frame. Highly resistant to oil, dispersants and seawater.

Key Features

- Houses three recovery modules, offering higher recovery capacity compared to the single module Scorlite skimmer.
- Quickly interchangeable recovery modules (brush, disc and drum banks)
- Easily assembled and quickly deployed and operated in emergency operations.
- Effective at recovering oil of varying viscosities, from light fuels to heavier crude oils.
- Optionally fitted with an on-board discharge pump.
- Optional external floats available for off shore operations.
- Certified recovery capacity rate from renowned classification body.

Applications

- Nearshore
- Offshore
- Inland Waters
- Ports & Harbours

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Technical Specifications

Nominal Recovery Capacity (3x Brush Recovery Banks)	Up to 90 m ³ /h
Certified Max. Recovery Rate (3x Brush Recovery Banks) (As per ASTM F2709 – 15)	Up to 162 (3x54) m ³ /h*
Certified Max. Efficiency (As per ASTM F2709 – 15)	99%
Dimensions (LxWxH mm)	1300 × 1300 × 680 mm
Weight (with Brush Module)	122 kg
Draft	200 mm
Skimmer Frame	Marine Grade Aluminium
Discharge Pump	On-board or Remote
Discharge Connection	3" or 4" Camlock
Hydraulic Flow Rate	9,5 lpm
Hydraulic Pressure	90 bar
Hydraulic Connections	1/2" - 3/4"

*Depending on Oil Viscosity & Sea State Conditions