

Product Datasheet

ScorLite

The ScorLite oleophilic, free-floating skimmer is designed mainly for nearshore oil recovery operations. The modular system consists of an aluminum floating body and can receive 3 different types of recovery modules: brush, disc or drum, quickly interchangeable, depending on the viscosity of the targeted oil. The core component of the skimmer is the oleophilic brushes, which attract and adhere to oil while repelling water. The system efficiency is certified and can achieve oil recovery rates of up to 99%.

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

- Quickly interchangeable recovery modules (brush, disc and drum banks)
- Light-weight, easily assembled and rapidly deployed and operated in emergency operations.
- Effective at recovering oil of varying viscosities, from light fuels to heavier crude oils.
- Designed with a shallow draft for portability, the skimmer is effective in operations from inland environments to nearshore, harbor or port recovery operations.
- Optional external floats available for off shore operations.
- Certified recovery capacity rate from renowned classification body.

Applications

- Nearshore
- Inland Waters
- Ports & Harbours

ScorLite



Technical Specifications

Nominal Recovery Capacity (1x Brush Recovery Bank)	Up to 30 m ³ /h
Certified Max. Recovery Rate (1x Brush Recovery Bank) (As per ASTM F2709 – 15)	Up to 54 m ³ /h*
Certified Max. Efficiency (As per ASTM F2709 – 15)	99%
Dimensions (LxWxH mm)	1000 × 915 × 506 mm
Weight (with Brush Module)	42 kg
Draft	200 mm
Skimmer Frame	Marine Grade Aluminium
Discharge Pump	Remote
Discharge Connection	2" or 3" Camlock
Hydraulic Flow Rate	3 lpm
Hydraulic Pressure	90 bar
Hydraulic Connections	3/8"

*Depending on Oil Viscosity & Sea State Conditions