



Advancing Recovery Systems

ScorSweep 30 Package



New Naval

ScorSweep 30 Package is a complete oil recovery side collector skimmer package that is designed to temporarily turn a vessel into an oil slick processing system. Intended for small to medium scale offshore and nearshore operations, the package is equipped with a ScorTail 3R-M, a self-floating, oleophilic belt-brush skimmer with on-board pump. The skimmer is connected to a sweep boom that creates a containment swath which corrals and guides oil during recovery operations to the collection point of the skimmer, located at the apex of the configuration towards the stern of the vessel. The sweep boom is held in place by a jib arm extending from the vessel. The skimmer is capable of stand-alone skimming.



TECHNICAL SPECIFICATIONS

Recovery Means	3 Rows of Oleophilic Belt Brushes
Nominal Recovery Capacity	up to 30 m ³ /h
Certified Max. Recovery Rate	Up to 50.7 (3x16.9) m ³ /h* (as per ASTM F2709-15)
Certified Max. Efficiency	>99% (as per to ASTM F2709-15)
Dimensions (LxWxH)	2070 mm x 2470 mm x 2270 mm
Total Weight (Gross)	1180 kg
Skimmer Weight	231 kg
Skimmer Dimensions	1960 mm x 1430 mm x 1650 mm
Skimmer Frame	Marine Grade Aluminium
Transfer Pump	On-Board, Hydraulically Driven
ScorPack Power Unit	14 kW - Diesel Driven
Jib Arm Effective Swath	5 m
Boom Model	Scorpion A-Series Inflatable Boom
Boom (L/H)	5 m / 1.0 m
Boom End Connector	ASTM
Air Valves	Monsun

*Depending on Oil Viscosity & Sea State Conditions

TECHNICAL DATA

ScorSweep 30 Package can remain packaged in a storage unit which may serve as an operating platform for the on-board components. The 30 m³/h capacity sustains over hours of operation allowing efficient operations. Recovery rates of <5 % water and can be achieved at vessel speeds of up to 4 knots. All powered systems are hydraulically driven and operated from a single power unit utilizing quick-couplings. Customizable, with flexible fitting to new-build or existing vessels. Can be operated by a small crew.

KEY FEATURES:

- Oleophilic brush conveyor belt skimmer with 3 brush rows with on-board pump is combined with a sweep boom and jib arm configuration.
- Autonomous side collector skimming system that can be quickly installed in any vessel of opportunity requiring minimum deck space.
- Recovers a wide range of viscosities using oleophilic brush technology.
- Compact storage design requires minimal on-deck storage space.

SYSTEM APPLICATIONS:

- Offshore
- Nearshore
- Ports & Harbours
- Single Sweep
- Dual Sweep
- Vessels of Opportunity

EQUIPMENT PACKAGE:

- ScorTail 3R-M Oleophilic Belt Brush Skimmer
- On-board Oil Transfer Pump (Hydraulic)
- ScorPack 14 kW (Hydraulic)
- Sweep Boom (Inflatable)
- Jib Arm, Ancillary Equipment

