



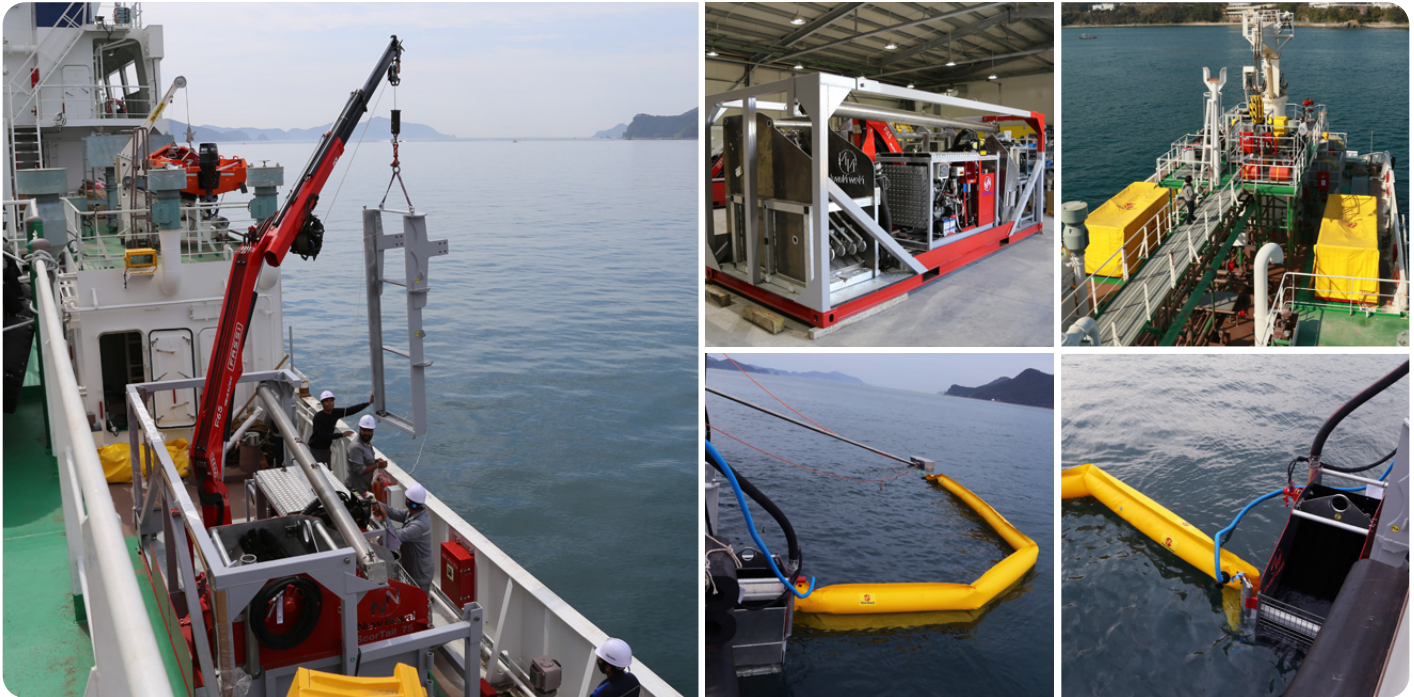
Advancing Recovery Systems

ScorSweep 100



New Naval

The ScorSweep 100 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 larger offshore and nearshore operations, the package equips a ScorTail 100, an oleophilic belt-brush skimmer, to the side of the recovery vessel. The skimmer is connected to a sweep boom that creates a containment swath that 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 an stainless steel jib arm extending from the vessel.



TECHNICAL SPECIFICATIONS

Skimmer/Transfer Capacity	approx. 100 m ³ /h
Dimensions (LxWxH)	4950 mm x 2250 mm x 2200 mm
Total System Weight	5200 kg
Skimmer Frame	Marine Grade Aluminium
Recovery Means	Oleophilic Belt Conveyor Brush
Number of Brush Rows	6
Transfer Pump	Centrifugal Screw Pump, Hydraulically Driven
ScorPack Power	50 kW
ScorPack Engine	Electric-Driven
Jib Arm Length	10 m
Jib Arm Effective Swath	9.3 m
Jib Arm Material	Stainless Steel
Boom Model	Scorpion A-Series Inflatable Boom
Boom (L/H)	15 m / 1.0 m
Boom End Connector/Air Valves	ASTM/Monsun
Crane	Fassi

TECHNICAL DATA

ScorSweep 100 can remain packaged in a storage unit which may serve as an operating platform for the on-board components. The 100 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 6 brush rows is combined with a sweep boom and jib arm configuration
- Dedicated Fassi lifting crane allows quick installation and mounting of skimmer onto a variety of vessel types and sizes
- 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 100 Oleophilic Skimmer
- Oil Transfer Pump (Hydraulic)
- ScorPack 50 kW Electric
- Sweep Boom (Inflatable)
- Stainless Steel Jib Arm
- Ancillary Equipment (Inflator, Hoses, etc.)