

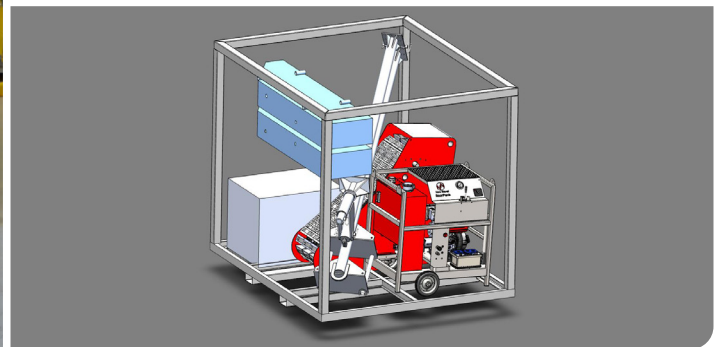
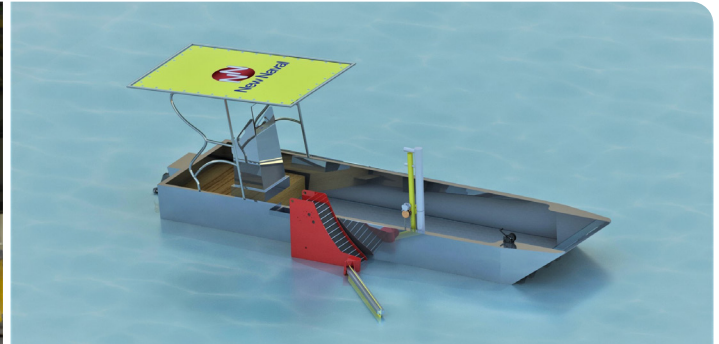


Advancing Recovery Systems

# ScorSweep 30



ScorSweep 30 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 30, a self-floating, oleophilic belt-brush skimmer. 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

|                               |                                   |
|-------------------------------|-----------------------------------|
| Skimmer/Transfer Capacity     | up to 30 m <sup>3</sup> /h        |
| Dimensions (LxWxH)            | 2070 mm x 2470 mm x 2270 mm       |
| Total Weight (Gross)          | 1242 kg                           |
| Skimmer Weight                | 229 kg                            |
| Skimmer Dimensions            | 2000 mm x 1550 mm x 1405 mm       |
| Skimmer Frame                 | Marine Grade Aluminium            |
| Recovery Means                | Oleophilic Belt Conveyor Brush    |
| Number of Brush Rows          | 3                                 |
| Transfer Pump                 | Lobe Pump, Hydraulically Driven   |
| ScorPack Power                | 14 kW                             |
| ScorPack Engine               | 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/Air Valves | ASTM/Monsun                       |

## TECHNICAL DATA

ScorSweep 30 can remain packaged in a storage unit which may serve as an operating platform for the on-board components. The 30 m<sup>3</sup>/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 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 30 Oleophilic Skimmer
- Oil Transfer Pump (Hydraulic)
- ScorPack 14 kW (Hydraulic)
- Sweep Boom (Inflatable)
- Jib Arm, Ancillary Equipment

