Product Datasheet

ScorTail 5R-M

Oleophilic Belt-Brush Skimmer

The ScorTail 3R-M Belt Brush Oil Skimmer uses a rotating belt with bristles to recover oil from water surfaces. It is particularly effective for recovering light to heavy oils, including weathered crude. The skimmer can be installed on a vessel and used in advancing recovery operations. The skimmer is capable of efficient and continuous operations offshore and in shallow waters. It utilizes proven oleophilic brush technology making it capable of achieving large recovery capacities with optimum efficiency. When mounted on a vessel, the skimmer can be utilized as a bow skimmer or a side skimmer converting a work boat into an oil slick processing system.

Technical Properties

- Capable of sustaining capacity of 60 m^3/h over hours of operation allowing massive recovery efforts and efficiency.
- Highly resistant to wear due to extensive contact with oil and seawater.
- Works well with viscous oils, emulsified oils, and even lighter hydrocarbons.
- Hydraulically driven utilizing quick couplings that can be connected to a dedicated power pack or directly to a vessel's hydraulic system.

Key Features

- Utilizes polypropylene brushes and marine aluminium frame.
- Advancing or temporary system.
- 99% oil recovery rate.
- Light to heavy oil recovery.
- High recovery rate system.
- Proven oleophilic recovery system utilizing 5 brush rows.
- Vessel mountable allowing advancing recovery operations.
- High-rate of recovery and efficiency.

Applications

- Nearshore / Offshore
- Inland Waters
- Ports & Harbours

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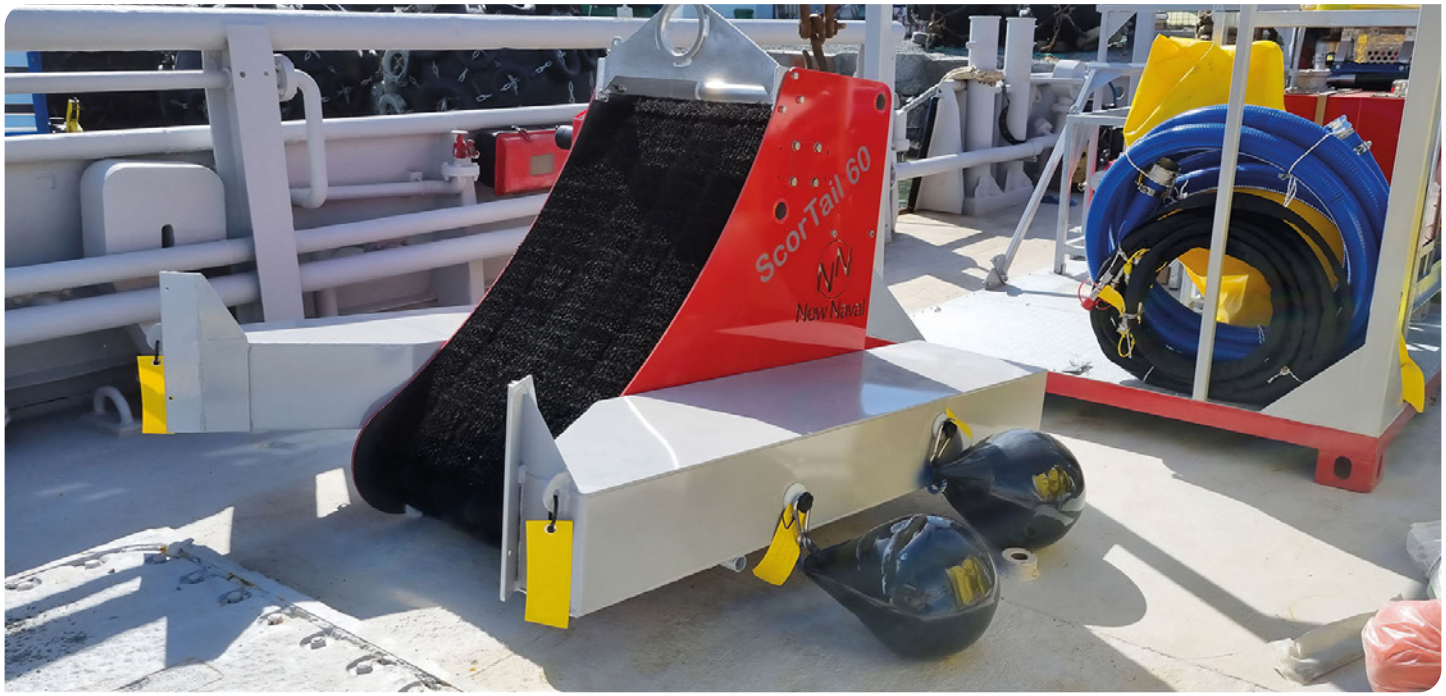

Technical Specifications

Recovery Means	5 Rows of Oleophilic Belt Brushes
Nominal Recovery Capacity	In excess of 60 m^3/h
Certified Max. Recovery Rate (5x Rows of Brushes) (As per ASTM F2709 – 15)	Up to 85 m^3/h*
Certified Max. Efficiency (As per ASTM F2709 – 15)	99%
Dimensions (LxWxH mm)	2000 × 1800 × 1750 mm
Weight	250 kg
Skimmer Frame	Marine Grade Aluminium
Discharge Pump	On-board or Remote
Discharge Connection	3” or 4” Camlock
Hydraulic Flow Rate	12 lpm
Hydraulic Pressure	110 bar
Hydraulic Connections	1/2”

*Depending on Oil Viscosity & Sea State Conditions