

Product Datasheet

Scorpion P-Series

The Scorpion P-Series Permanent Containment Boom (Baffle) is a heavy-duty, fence boom which incorporates hard exterior floats, designed for permanent deployment in bodies of water where oil spill pollution is a constant risk. The robust design and durable materials allow the boom to endure use over extended time periods, service free, while maintaining its functionality during encounter with heavy debris concentrations and harsh operational conditions such as current speeds up to 3 knots.

Solid Floatation Permanent Curtain Booms



Technical Properties

- Skirt made of extremely durable, heavy duty, rubber belt
- Solid high-density polyethylene (HDPE) floats provide unmatched reliability and minimum maintenance.
- Steel ballast blocks provide excellent weight distribution and superb stability.
- Equipped with robust ASTM-Z end connectors for joining multiple sections of boom to create a continuous barrier. Being universal these connectors offer compatibility with various boom types.

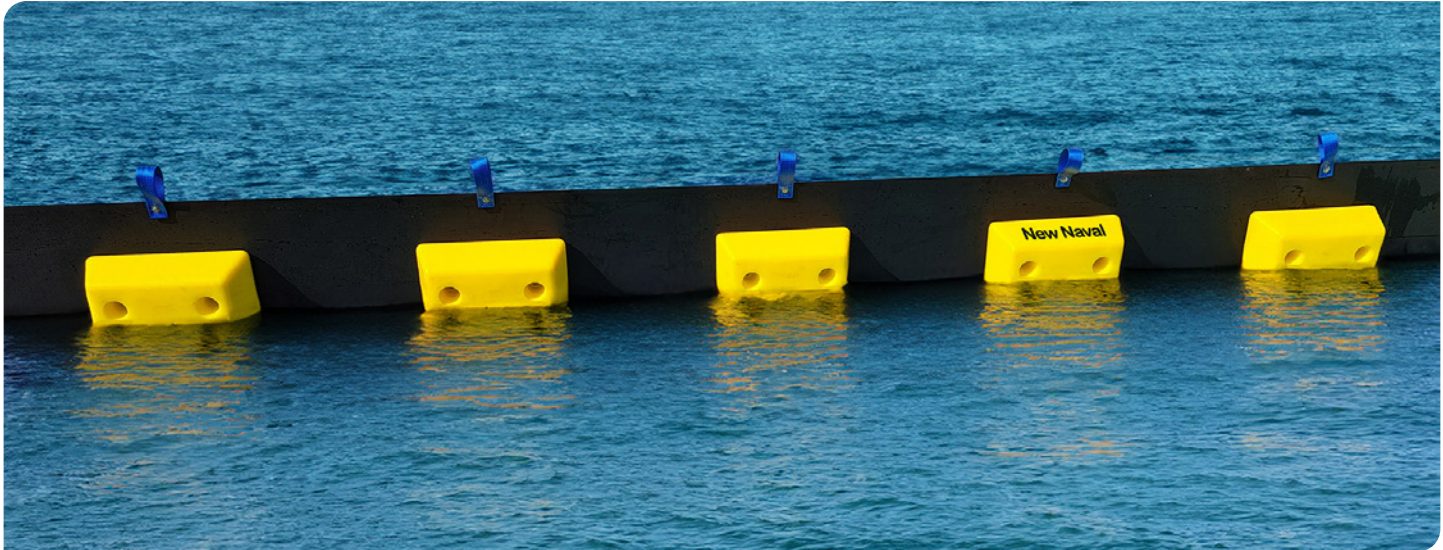
Key Features

- Suitable for permanent installations at high-risk areas where spills are likely to occur.
- Long service life with unmatched resistance to environmental factors such as extreme temperatures without degrading.
- Requiring minimal maintenance compared to temporary booms, withstanding long-term exposure to environmental conditions
- Built to outlast heavy debris concentrations and current speeds.
- Available in various sizes.
- Towing bridles available for deployment and positioning.

Applications

- Waterways
- Industrial facilities
- Harbors and port terminals
- Arctic conditions

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Technical Specifications

Model	Scorpion 450P	Scorpion 600P	Scorpion 920P
Operational Height	450 mm	600 mm	920 mm
Freeboard	100 mm	250 mm	320 mm
Draft	350 mm	350 mm	600 mm
Section Length	10 m		
Material	EP 125 Belt Double Ply 7,1 kg/m²		
Belt Thickness	6 mm		
Belt Breaking Strength	250 N/mm (DIN 22102)		
Boyancy/Weight Ratio	3.5:1	3.0:1	2.5:1
Connectors	ASTM Z-Type		
Weight	11 kg/m	12.1 kg/m	14.5 kg/m
Floats	Rotary Moulded HDPE, EPS filled		
Floats Dimensions	450 × 250 × 140 mm		
Ballast	Galvanized Steel Blocks		
Operational Temperature	from -10°C to 60°C		
Colour	Black Belt with Yellow Floats		