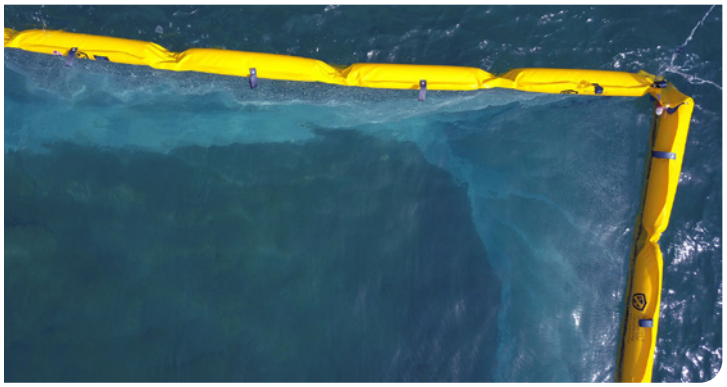
Product Datasheet

JFL Series

Jelly Fish & Marine Litter Containment Booms

The Jellyfish and Litter Containment JFL 500C Boom is a cost-effective, multi-purpose system that is designed to contain and collect jellyfish, marine garbage and floating or submerged pollutants in a variety of applications both on the surface and below water. The protection of valuable assets, both natural and man-made, has become paramount with the rising amount of plastics in the oceans. It has become increasingly necessary to protect resorts, shorelines, harbours, water intakes, fisheries and other facilities from debilitating factors including increasing populations of jellyfish, phenomena such as red plume, litter, pollution and seaweed.



Technical Properties

- The permeable poly-amide nylon net attaches to the boom skirt extending it below the surface.
- Boom cylindrical floats are made of closed-cell PET foam.
- The system can be deployed to contain oil spills or other hazardous (solid, semi-solid and in some cases liquid) pollutants.
- If the skirt is damaged, it can be replaced independently without having to replace the whole boom.
- Certified as a non-toxic substance and approved by the Greek Ministry of Shipping.

Key Features

- Suitable for protected seas applications
- Contains macro plastics, jellyfish and marine litter as well as protection from oil spills and any other floating pollutant such as red tide, algae blooms, foaming phenomena.
- Collects threatening materials and organisms in a range of sizes
- Utilizes a submerged, detachable net constructed of poly-amide nylon
- The net is permeable allowing water to proceed unhindered
- When the net is detached the boom can be used as a solid boom ideal for use in oil spill response operations

Preventive Against

- Surface/Submerged Materials & Debris
- Jellyfish
- Marine Litter/Garbage
- Hydrocarbons
- Hazardous Materials

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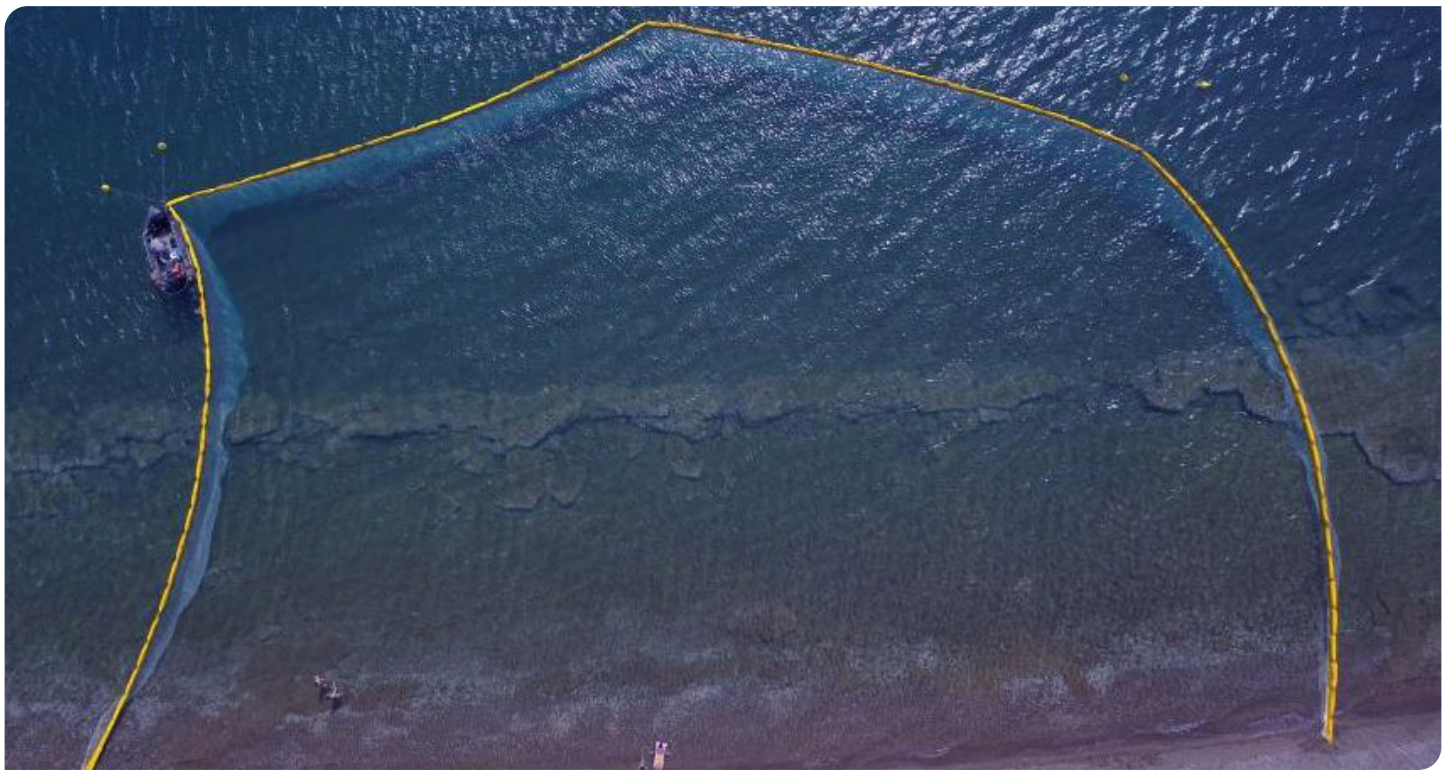

Technical Specifications

Model	JFL 500C	JFL 920C
Freeboard	200 mm	300 mm
Draft	300 mm	620 mm
Section Length	10 m	
Fabric	PVC Coated Polyester	
Fabric Weight	750 or 1000 g/m^2	
Connectors	U-Bolts	
Containment Net	Polyamide Net (Ø 7 - 15 mm)	
Net Draft	Up to 30 m	
Boom Floats	Closed-Cell PET Foam	
Colour	Yellow (Other options available)	