



DESMI MESH BOOM

PROVEN SEAWEED CONTROL TECHNOLOGY

DESMI MESH BOOM - High buoyancy floating mesh barrier

A revolutionary high buoyancy floating mesh barrier for Sargassum Seaweed, floating trash, water lilies and other floating elements that require control.

To contain solid pollutants, seaweeds or sargazo has a completely different requirement for a floating boom, in effect, solid booms like the ones used for Oil Spills are not adequate for this application. DESMI innovates its line of floating booms, developing a unique in the market mesh floating boom able to perform in bad weather conditions to contain and deflect undesirable elements like Sargassum, floating seaweed, plastic trash, water lilies, etc.

DESMI MESH BOOM is the result of years of investigation and tests, its design is based on a Nautical Grid that allows water and wind free passing but retains any floating elements protecting beaches, water sources, marinas, power plants, industrial facilities, water cooling sources, etc.

Its light weight, high tension strength and high buoyancy makes the DESMI MESH BOOM to perform in harsh conditions as big waves and heavy winds. It is NOT a NET!, nets are designed to close their borders and catch fishes, the Nautical grid keeps the size and shape of the square borders 2.54cm/1".



Advantages of MESH BOOM:

- Adequate for use in waves and wide water bodies
- Does not disturb water species as per its short draft
- Can be used to deflect pollutants to a collection point at the shore
- Does not catch fishes, it is not a Net
- Strong anchoring points located at both sides of the aluminum end connectors
- No harmful polystyrene
- Easy on-site repair if needed
- Compact and easy storage when is not in use
- Less maintenance and anchoring requirements compared with fix wall booms.
- Standard aluminum marine grade connectors allows easy connection and retrieval

Technical data

- High tension strength, low weight and high buoyancy enable it to perform in heavy waves
- Section length standard of 15m / 50 ft, any length under inquiry
- ASTM Slide aluminium (F 962) end connectors – allow easy and quick boom removal from water
- Nautical grid (not a net) mesh made of polyester filament yarn
- Foam filled HDPE floats
- Heavy duty spherical Floats 36 cm / 14"
- Hot galvanized cast iron ballast weights with stainless steel bolts & nuts
- Mesh tensile strength: 53 kN / 12000 lbs
- Overall height: 105 cm / 42"
- Draft: 75 cm / 30"
- Freeboard: 30.5 cm / 12"

Based on actual international recommendations, DESMI floats do not use Polystyrene. The solid floats are able to support heavy hits like boats, wave runners or even propels. In case of damage they will keep the mesh floating preventing investment loose. Eco-friendly materials, no toxic, no lead, no polystyrene is used to construct the DESMI SARGAZO MESH BOOM. Nautical grid allows the flow of water reducing the amount of micro-organism growing on the mesh, reducing maintenance.

Special aluminum grade ASTM end connectors allows a fast connection or disconnection of the 15m length Boom sections. Strong anchoring eyelets at both sides of these end connectors allows anchoring ropes to be used for boom configuration on water.

For more information on our systems and solutions, please visit www.desmi.com

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