



A-BOOM

PROVEN OIL SPILL TECHNOLOGY

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DESMI

A-BOOM - a new environmentally friendly fence boom

DESMI Ro-Clean has developed a new, very environmentally friendly Fence Boom which will suit most protection purposes with regard to oil spill response in a large number of protected water areas. The boom is known as “A-BOOM”

The A-BOOM is an inexpensive boom designed for first response and rapid deployment in the event of an oil spill in a harbour, jetty, lake or other protected water area.

The standard section length is 15m and the connection type is the well-proved U-bolt system for which replacement parts can be easily sourced locally.

The weight of the boom is only 1.25 kg/m.

Unlike many other types of boom, the A-BOOM has a certificate showing that it can be burned immediately after operation.

The fabric used is PP and the floats are made of HDPE. This simple boom has vertical stiffeners which are made from fumigated bamboo rods which can also be immediately burned.

The 15m sections are delivered in a PP bag which can easily be handled by 2 persons or supplied on hydraulic driven reels.



Advantages of A-BOOM:

- Extremely lightweight and can be handled and deployed easily by 1 or 2 people
- Contrary to many other types of boom this boom is based upon materials well known to be accepted burned after use. Only the chain needs to be removed.
- Despite the low cost, it is still fully UV and oil resistant
- Manufactured from HDPE and PP, with bamboo rods to add rigidity to the boom
- The boom has a standard length of 15m, and is provided in a lightweight bag which is easy to handle
- No ancillary equipment required for deployment or recovery
- Can be easily re-packed for future deployments once recovered

Technical data

	A-BOOM 750	A-BOOM 450
Freeboard	0.25 m / 10 in	0.15 m / 6 in
Draught	0.50 m / 20 in	0.30 m / 20 in
Overall height	0.75 m / 30 in	0.45 m / 30 in
Standard length	15 m / 49 ft	15 m / 49 ft
End connectors	U-bolts	U-bolts
Skirt material	Coated PP	Coated PP
Colour	White	White
Floation	HDPE	HDPE
Flo. Member length	0.31 m / 12 in	0.31 m / 12 in
Weight	1.5 kg/m / 1 ib/ft	1.2 kg/m / 0.8 ib/ft
Res. Buoyancy	5.8 kg/m / 3.9 ib/ft	4.8 kg/m / 3.2 ib/ft
Ballast material	El galvanised chain	El galvanised chain
Ballast weight	0.7 kg/m 2 ib/ft.	0.7 kg/m 2 ib/ft.
Tension members to support the boom	3	3
Tension member strength	3 x PP band, each 12000 N	3 x PP band, each 12000 N
Fabric tensile strength	50 N/mm	50 N/mm
Section storage volume	0.4 m ³ approx.	0.3 m ³ approx.
Section weight	22 kg approx.	18 kg approx.
Packed Dimension for the bag	95 x 80 x 37 cm	100 x 50 x 22 cm

For more information on Oil Spill Response systems, please visit www.desmi.com

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