



RO-BOOM 3200 - Heavy-duty oil containment boom

PROVEN OIL SPILL TECHNOLOGY

RO-BOOM 3200 - Heavy-duty oil containment boom

RO-BOOM 3200 represents the pinnacle of offshore boom development. Designed specially to operate in the harshest offshore oil producing regions RO-BOOM 3200 is the largest and most robust oil containment boom in the world.

RO-BOOM 3200 has an overall deflated width of 3.2 metres (10'6"), an operational freeboard of 1.20 metres and a draft of 1.4 metres. The operational performance of this boom was tested extensively in the Norwegian sector of the North Sea over a three-year period.

Holder of the Guinness World Record for the largest offshore oil containment boom! Ninety-five cubic metres of oil were released. RO-BOOM 3200 was deployed and contained the test oil. An oil layer thickness at the boom wall was measured at 14 cm. The operators recovered 95% of this oil from within the RO-BOOM.

Long-term towing test - RO-BOOM was towed for two weeks in winter North of Arctic Circle in winds exceeding 20 m/s and in swells of up to 7 metres (23 ft). The boom survived without major damage. Oil retention abilities were confirmed with underwater cameras.

Each system comprised of the following; 2 x 200 metre sections RO-BOOM 3200, specially developed hydraulic turn table winder for storage, deployment and recovery of 400 m boom with ultra high capacity air blower. Set of towing equipment with transverse bridles for formation of a "J" shaped skimmer pocket.



Advantages of RO-BOOM 3200

- True offshore containment boom
- A durable boom, resistant to abrasion, oils and sunlight
- Individual air chambers for reliability and security
- Lies flat when deflated for easy storage and cleaning
- Stainless steel and hot galvanised components
- High visibility stripe
- Reels, containers and bags available
- Proven performance
- Rapid deployment
- The LARGEST inflatable RO-BOOM!!
- High tensile strength webbing band inserted as a third layer of fabric at the chain attachment area for added chain attachment strength

TECHNICAL DATA

RO-BOOM 3200 is made from a unique substrate compound of synthetic rubber with a CSM (Hypalon) external layer. This unique homogenous, single process construc-

tion has complete cross, hot vulcanisation of rubber and reinforcing fabrics. This seamless, flexible structure has very high abrasion resistance, peel resistance, tensile strength and will withstand the effects of sun, sea and oils which destroy many other booms. RO-BOOM lies completely flat when deflated allowing for easy cleaning and storage. The individual air chambers provide high integrity. RO-BOOM is fitted with stainless steel fittings and a hot galvanized ballast/tension chain. Internal fibreglass rods are secured with stainless steel brackets. These rods ensure optimum skirt profile under tow. Stainless steel hinge and pin connectors are fitted as standard. The RO-BOOM 3200 has a high tensile strength webbing band moulded into the chain attachment points of the boom skirt.

Width (Deflated):	3.2 m / 125 in
Standard section lengths:	100, 200, 250 m / 328, 656, 820 ft
Freeboard:	1.20 m / 47 in
Operational depth of skirt:	1.40 m / 55 in
Operational weight (inclusive of chain):	38 kg/m / 25.5 lbs/ft
Buoyancy chamber length:	7.0 m / 276 in
Section connector:	Stainless steel hinge and pin
Standard colour:	Black with high visibility yellow marker stripes
Tensile strength of boom wall:	480 N/mm / 2,737 lbs/in
Operational temperature range:	-35°C to +70°C
Stored temperature range:	-40°C to +70°C

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

DESMI