



RO-BOOM 3200 - Heavy-duty oil containment boom

PROVEN OIL SPILL TECHNOLOGY

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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 3.5 metres (11'6"), an operational freeboard of 1.25 metres and a draft of 1.3 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.

In oil sweeping tests RO-BOOM contained oil at speeds of up to 1.3 knots. Long-term towing test - ROBOOM was towed for two weeks in winter during which swells of up to 7 metres (23 ft) were encountered. 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 ROBOOM 3200, specially developed hydraulic 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 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
- Our LARGEST model!!
- Third layer of fabric at the chain attachment area for added strength

TECHNICAL DATA

RO-BOOM 3200 oil containment boom is manufactured from heavy-duty Neoprene rubber with a Hypalon

external skin. This unique moulded composite construction has complete cross vulcanisation of rubber and reinforcing fabrics. The construction has high abrasion resistance, peel resistance and tensile strength. 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 connectors are fitted as standard. The RO-BOOM 3200 has a webbing band moulded into the chain attachment points.

Width (Deflated):	3.2 m / 125 in
Standard section lengths:	100, 200, 250 m / 328, 656, 820 ft
Freeboard:	1.25 m / 49 in
Operational depth of skirt:	1.30 m / 51 in
Operational weight (inclusive of chain):	30 kg/m / 20.2 lbs/ft
Buoyancy chamber length:	6.0 m / 236 in
Section connector:	ASTM or Stainless steel hinge or pin
Standard colour:	Black with high visibility yellow marker stripes
Tensile strength of boom wall:	400 N/mm / 2,280 lbs/in
Operational temperature range:	-20°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

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