



RO-BOOM Single Point Inflation - and conventional model, DUAL system

PROVEN OIL SPILL TECHNOLOGY

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RO-BOOM Single Point Inflation (SPI) is available in various sizes, RO-BOOM 1000, 1300, 1500, 1800 and 2000.

The SPI system used still keeps the major advantages of having individual air chambers in case of puncture, which, luckily in a RO-BOOM construction, is very seldom. The long, continuous air inflation chamber is connected to each chamber by a nonreturn valve system.

The SPI models are even stronger than the conventional RO-BOOM models due to a 3-ply construction. However, even the conventional 2-ply constructions are still known as the strongest containment booms in the world.

The SPI models require almost no deck space when deployed from vessels. Contrary to other models this boom can be used in a DUAL mode: SPI and also Conventional with individual filling of chambers.

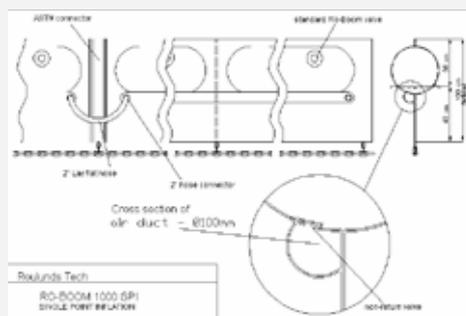
The system has been tested by DET NORSKE VERITAS where the inflation time has been recorded.

It proved that 215 meters of RO-BOOM 1500 in SPI version consisting of 4 x 54 meters could be inflated in less than 10 minutes.



Advantages of RO-BOOM SPI:

- Rapid response boom.
- Single inflation point for 250 m of boom
- Inflation time lower than 10 minutes for 250 m of boom
- Inflation time tested and certified by Det Norske Veritas
- The system has the extra safety of individual air chambers
- The well-known durable Ro-Boom construction
- SPI or conventional chamber inflation
- Tensile strength of 375 N/mm
- Temperature range °C/°F -30 - 60 / -22 - 140



TECHNICAL DATA

The RO-BOOM SPI models are made in the well-proven Neoprene construction with Hypalon rubber skin chosen due to second-to-none UV resistance combined with oil resistance. The one-piece moulded composite construction has complete cross vulcanisation of rubber and reinforcement fabrics. The construction is seamless. It has high abrasion resistance, peel resistance and tensile strength. RO-BOOM lies completely flat when it is deflated allowing for easy cleaning and storage. The SPI systems in combination with individual air chambers provide high integrity. RO-BOOM is fitted with stainless steel fittings and a hot galvanized ballast/tension chain. Internal fibreglass rods secured with stainless steel brackets. These rods ensure optimum skirt profile under tow. Stainless steel hinge connectors or ASTM connectors are standard.

	Unit	1000	1300	1500	1800	2000
Deflated width	mm/in	1000 / 39.4	1300 / 51.2	1500 / 59.1	1800 / 70.9	2000 / 78.7
Section length	m/ft	25 - 50 - 100 / 82 - 164 - 328		50 - 100 - 200 / 164 - 328 - 656		
Freeboard	mm/in	360 / 14.2	440 / 17.3	500 / 19.7	600 / 23.6	600 / 23.6
Draught	mm/in	430 / 16.9	660 / 26.0	700 / 27.6	900 / 35.4	1100 / 43.3
Weight/m	kg/lbs	7.5 / 16.5	12 / 26.5	15 / 33.1	18 / 39.7	20 / 44.1
Air chambers	m/ft	3.0 - 4.5 / 10 - 15				
Breaking load chain	kN	50	90	200	200	200
Section connector:		ASTM or Stainless steel hinge or pin				

A copy of the inflation certificate can be provided if required, please e-mail us.