



RO-BOOM Single Point Inflation - SPI - through the reel

Proven Oil Spill Technology

**DESMI**

# RO-BOOM Single Point Inflation - SPI - through the reel

Ro-Boom continues to set the standard for proven, reliable and rugged boom systems around the world. The individual or bulkhead air chambers coupled with the materials of construction have long been recognised as the boom of choice for the serious user.

However, DESMI have now enhanced the operation of Ro-Boom by introducing a single point inflation (SPI) system for the entire boom. It is unique in its design because the air is injected through the reel. There is no need to transport or transfer an air inflator to another vessel.

The SPI system still keeps the advantages of having individual air chambers and all other aspects of Ro-Boom. It is a one-piece moulded composite construction that has complete cross vulcanisation of rubber and reinforcement fabrics. The construction is seamless. It delivers high abrasion resistance, peel resistance and very high tensile strength. Ro-Boom SPI also lies completely flat when it is deflated allowing for easy cleaning and storage. Ro-Boom SPI is also fitted with stainless steel fittings and retains the hot galvanized ballast/tension chain.

Internal fibreglass rods secured with stainless steel brackets ensure optimum skirt profile under tow and operations. Stainless steel hinge connectors or ASTM connectors are offered as standard.

SPI models are even stronger than the conventional Ro-Boom due to a special 3-ply construction and the continuous air inflation tube is connected to each chamber by a non return valve thus ensuring total integrity.

SPI also has a smaller footprint or deck space and can enhance deployment from vessels. In addition and contrary to other designs, SPI can be used in a DUAL mode: In other words, the air chambers can be filled as individual sections as conventional Ro-Boom.

The SPI system has been independently tested where significant time savings were recorded against traditional deployment methods.



## Advantages of Ro-Boom SPI

- Rapid response boom
- Inflation through the reel
- One man operation
- Single inflation point for 250 m / 820 ft of boom
- The system has the integrity of individual air chambers
- The proven, durable Ro-Boom construction
- SPI or conventional chamber inflation
- Small operational footprint
- Tensile strength of 375 N/mm
- Temperature range -40°F / -40°F - +80°C / +176°F



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