



Offshore/Open Ocean



All seams radio-frequency (RF) welded
Inflatable buoyancy chamber, full length



INFLATABLE BOOM SCS 42

Air Filled Boom

Inflatable Boom SCS (single chamber, solid floatation), is a pressure inflatable boom which uses air for buoyancy. Each Inflatable Boom SCS section length (typically 25 m) consists of a single air inflated chamber which has internal foam to offer the performance characteristics of an inflatable boom with the reliability of a foam filled boom. Our most popular inflatable boom design.

Booms can be inflated using handheld or backpack inflation blowers, or with integrated hydraulic blowers (stand alone or mounted on a boom storage and deployment reel.)

- Available in a wide range of heavy-duty PVC and urethane coated fabrics
- Multiple chamber design for utmost reliability. Segmented chambers ensure boom continues to float in the event of damage
- High flow check valves for rapid inflation and deflation
- Ultra compact storage on boom reels or storage pallets
- Corrosion resistant ASTM style marine grade aluminum connectors • Heavy duty galvanized steel ballast chain
- Heavy duty galvanized steel ballast chain

INFLATABLE BOOM SCS 42

	Imperial	Metric
Boom Height	42 in	1067 mm
Air Chamber Diameter	18 in	457 mm
Draft	24 in	610 mm
Standard Length	82 ft	25 m
Fabric Weight	22 oz/yd ²	750 g/m ²
Fabric	PVC coated Polyester	
Color	Orange standard, others available	
Boom Weight	2.9 lbs/ft	4.3 kg/m
Buoyancy/Weight Ratio	38:1	
Internal Air Chamber Length	82 ft	25m
Inflation Valve	Monsun Inflation/Deflation (2 per boom)	
Pressure Relief	Leaffield A6 (1 per boom)	
Secondary Buoyancy	Internal, closed cell PE foam for positive buoyancy at all times	
End Connectors	ASTM F962-99 extruded marine grade aluminum connector	
Connector Attachment	Boltless, even stress distribution	
Toggle Pins	3/8" (9.5 mm) stainless steel, spring loaded with lanyard	
Ballast	Grade 30, hot dipped galvanized steel chain	
Ballast Size	3/8 in	10 mm
Ballast Weight	1.21 lbs/ft	1.8 kg/m
Chain Pocket	Fully enclosed, single layer	
Drain Holes	every 10 feet	every 3 m