



Oil Containment
Inflatable Curtain Boom

Scorpion A-Series



New Naval

The Scorpion A-Series Inflatable Boom is a light to medium weight containment system that can be used to encompass and contain oil spills and other floating pollutants when an incident occurs. When properly managed time is crucial at the onset of an incident, the A-Series boom is engineered to be easily controlled and held in place once deployed. High Frequency Welding manufacturing processes along with certified polyester fabrics produce extremely reliable and durable, seamless boom able to withstand demanding marine environments and hydrocarbons.



TECHNICAL SPECIFICATIONS				
Model	Scorpion 750A	Scorpion 920A	Scorpion 1200A	Scorpion 1500A
Height Deflated	1000 mm	1150 mm	1450 mm	1800 mm
Height Inflated	750 mm	920 mm	1200 mm	1500 mm
Freeboard	300 mm	300 mm	470 mm	500 mm
Draft	450 mm	620 mm	730 mm	1000 mm
Section Length	20 m			
Fabric	PU/PVC Coated Polyester		TPU Coated Polyester	
Fabric Tensile Strength	4500 N/5cm	4500 N/5cm	4500 N/5cm	7000 N/5cm
Connectors	ASTM Z-Type			
Weight	4,4 kg/m	5,5 kg/m	6,4 kg/m	7,1 kg/m
Res. Buoyancy/Weight Ratio	6.0:1	7.8:1	17.1:1	19.0:1
Flotation	Independent Inflatable Chambers			
Aver. Air Chamber Length	4.8 m			
Ballast	DIN 766 Hot Dip Galvanized Chain			
Chain Thickness	10 mm	12 mm	12 mm	12 mm
Operational Temperature	from -10°C to 60°C			
Colour	Yellow			
Air Valves	One or Two per Chamber (Monsun™)			

TECHNICAL DATA

Sections are connected with ASTM-Z end connectors. Independent inflatable cylindrical air floats provide reliability and optimal heave response. Tensioning is achieved with PET webbing and galvanized chain. Depending on operational needs, various configurations may be used such as J, U shaped sweeps along with side sweep systems.

KEY FEATURES:

- Seamless construction delivers extremely durable boom
- Effective in a variety of sea conditions
- Hot dip galvanized chain ballast and tension member
- Ideal for advancing vessel recovery operations
- Compatible with hydraulically powered boom reels for compact storage

STORAGE OPTIONS:

- Hydraulic Reel
- Container
- Trailer

EQUIPMENT OPTIONS:

- Air Blower
- Hydraulic Power Pack
- Tow Bridle
- Anchoring Set
- Spare Parts Kit

