



MULTIPURPOSE, QUICK TO DEPLOY AND EASY TO USE

Air-Inflated Boom

The Structurflex Air-Inflated Boom is ideal for compact storage and rapid deployment. Structurflex combines highly abrasion resistant fabric with its own stringent manufacturing and testing processes, ensuring a very robust Air-Inflated Boom.

The advantage of being compact is not only storage, but the Air-Inflated Boom is also very efficient to transport quickly to an emergency situation. It comes in three sizes, to suit rivers and sheltered waters through to exposed harbours with strong winds. Custom sizes can be manufactured to suit specific requirements.



AIR-INFLATED BOOM



Applications

Strong current, high winds, sheltered non-harbour and exposed harbours.

Specifications

MODEL	AIB 400	AIB 650	AIB 900
Freeboard (mm)	150	250	350
Draft (mm)	250	400	550
Overall height (mm)	400	650	900
Weight (kg/m)	2.0	4.1	5.9
Ballast (mm)	8	10	13
Section lengths (m)	All models available in 10, 15, 20, 25 or 30 metre lengths.		

Floatation Chamber

Diameter (mm)	150	250	350
Length (m)	Length of boom		

Environmental Conditions

Waves (m)	0.3	1	1
Current (knots)	3	3	3
Wind (knots)	15	15	20
Working area	Rivers Sheltered areas	Harbours Strong currents	Exposed harbours Strong winds

Materials

Fabric	Polyurethane coated nylon – 900 g/m ²
Floatation	Air inflated
Ballast	Galvanised chain
Colour	Orange
Handles	Every 2 metres
Connectors	Marine grade aluminium ASTM "Z" type or ASTM "Universal Slide" type with 9.5mm toggle pins
Anchor bridles	Can be fitted to all connectors

Optional Equipment

Ground sheet/carry bag, inflation pump – Stihl SR400, tow bridle, repair kit, air chamber interconnectors, anchor kits.

Other sizes can be manufactured to customer's requirements.

Key Benefits:

- Ready quickly – simply inflate and deploy
- Manufactured from highly abrasion-resistant polyurethane
- Durable construction with HF-welded seams
- Tool-free connectors
- Compact when deflated, for easy storage

Specifications Diagram

