

Air Boom - AB1000 (1450)



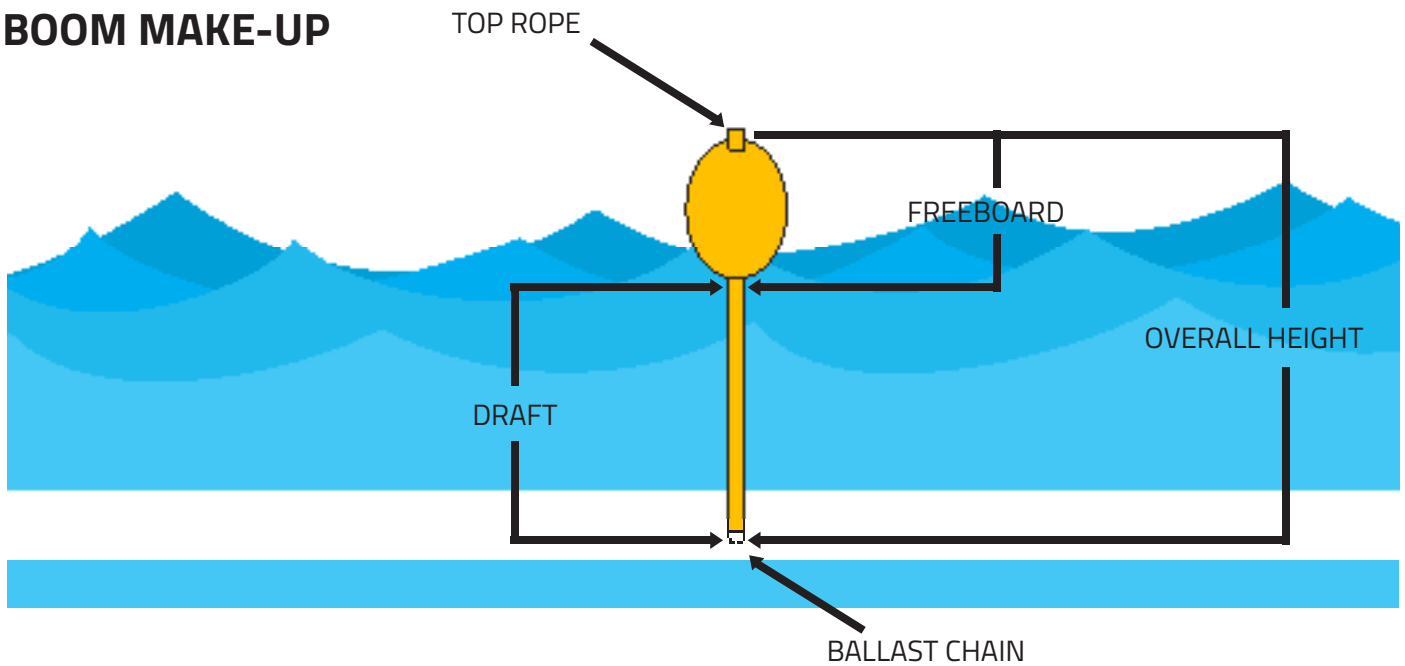
Typically deployed from response vessels where a foam filled boom would be too bulky, the reduced volume of an air filled boom is also an asset when they have to be transported as they take up comparatively little space. They are ideal for open water where the high buoyancy to weight ratio assists the performance in the waves and they have excellent UV resistance and chemical resistance to acids, alkalis, solvents and hydrocarbons.

We can manufacture different sizes and material types (PU and Neoprene) please contact us to discuss your application



SPECIFICATION	
Freeboard	425mm
Draft	510mm
Overall	1000mm
Section length	25m
Buoyancy to weight	30:1
Weight	5.7kg per metre
Packaging volume	1.40m ³ per 25m
Ballast	12mm hot dip galvanised chain
Breaking strength	ASTM D 5035 (lengthwise & width wise 300kgf/5cm)
Operational temperature	0°C to +80°C
Fabric	1450gsm woven polyester scrim coated PVC
Colour	Orange

BOOM MAKE-UP



BOOM REQUIREMENT DEPENDENT ON THE WATER SPEED

CURRENT SPEED IN KNOTS	BOOM TO BANK ANGLE	LENGTH OF BOOM IN RELATION TO WIDTH OF RIVER
0.7	90°	1 times
1	45°	1.4 times
1.5	30°	2 times
2	20°	3 times
2.5	16°	3.5 times
3	15°	4.3 times
3.5	11°	5 times
4	10°	5.7 times
4.5	8°	7 times