

ELASTEC
AirMax
Inflatable Containment Boom



Oil Spill Equipment | Floating Barriers | Incinerators



AirMax is a versatile, inflatable oil containment boom, manufactured from high quality Urethane fabric. The AirMax range of booms are designed for compact storage and quick deployment. The high visibility orange fabric greatly assists mariners and vessel operators to avoid a potential navigational hazard. As an added safety feature, the hot galvanized steel ballast chain is enclosed in a reinforced fabric pocket to prevent entanglements and pinch points for operators. This chain also acts as a tension member for added strength and resistance of towing forces.



Elastec offers a full range of boom reels that can be delivered for all sizes of AirMax boom. These reels are available mounted on trailers or in storage containers. We also offer a full range of boom accessories including blowers, bridles, anchor sets, boom lights, choice of connectors, and tidal compensators. AirMax is available in six sizes. The size required will depend on the sea conditions or water body where the boom will be deployed.

As standard, the AirMax range of booms are supplied in manageable section lengths. These shorter sections allow for a greater flexibility of deployment configurations. If one part of the boom is damaged, only a small section is removed for service. As an option, AirMax can be fitted with foam panels that act as reserve buoyancy in the event of a puncture.

AirMax has individually filled air chambers, and each chamber is equipped with the patented Monsun MVXG valve. This valve has a built-in non-return valve.

High capacity air blowers are available to rapidly fill the individual air chambers as the boom is deployed into the water.

Model Specification

	River	Harbor	Nearshore	Offshore	Open Water	Deep Sea
Connector Height	17.5 in 0.44 m	24 in 0.61 m	38 in 0.96 m	50 in 1.27 m	57 in 1.44 m	75 in 1.9 m
Operational Height	16 in / 0.4 m	22 in / 0.56 m	32 in / 0.81 m	43 in / 1.1 m	48 in / 1.22 m	64 in / 1.63 m
Freeboard	8 in / 0.2 m	8 in / 0.2m	14 in / 0.35 m	18 in / 0.46 m	20 in / 0.51 m	24 in / 0.61 m
Draft	8 in / 0.2 m	14 in / 0.35 m	18 in / 0.46 m	25 in / 0.64 m	28 in / 0.71 m	40 in / 1.01 m
Air Chamber Length	50 ft / 15 m	10ft / 3 m				
Section Length	50 ft / 15 m	100 ft / 30 m (other on request)				
Bottom Tension	5/16 in Galv. Chain	5/16 in Galv. Chain	3/8 in Galv. Chain	1/2 in Galv. Chain	1/2 in Galv. Chain	1/2 in Galv. Chain
Weight 28 oz	1.56 lb/ft 2.3 kg/m	1.85 lb/ft 2.75 kg/m	2.75 lb/ft 4.1 kg/m	4.25 lb/ft 6.3 kg/m	4.45 lb/ft 6.6 kg/m	4.9 lb/ft 7.3 kg/m

General Specification

Connectors:	ASTM Universal Slide*
Color:	High visibility safety orange
Time to Deploy:	Approximately 15 minutes using reels
Section Length:	100 ft / 30 m
Ballast:	Galvanized chain in double layer fabric pocket
Fabric:	28 oz / 950 gsm (Optional 36oz / 1,220 gsm) Urethane (+/-2) ASTM G155 1500hrs UV Resistance test Tensile strength, 600 lbs / 2670 N Puncture resistance 900 lbs / 4,000 N Abrasion Resistance ASTM D751 7000 cycles High temp Resistance 180F / 82 C Cont
Splash Over Prevention:	Top fin
Handles:	Fitted at regular intervals along top of boom
Standard Inflation Pressure:	0.75 psi / 0.05 bar
Air Valves:	Monsoon MVXG type
Shipping Information:	Normally supplied on reel
Anchoring Points:	At every section connector
Cleaning:	Industrial detergents, pressure washing

Optional: Reels, blowers, anchor sets, repair kits, carry bags, lights, boom stand-off unit.

*Other connectors available on request.



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