

ELASTEC  
**AirMax**  
Inflatable Containment Boom





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.

The Monsun Valve Actuating Tool provides a simple, secure way to open and close Monsun valves during inflation, deflation, deployment, and recovery. Its compact T-handle design improves grip and control, allowing responders to operate the valve without removing protective gloves or other PPE.



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<br>0.44 m      | 24 in<br>0.61 m                  | 38 in<br>0.96 m        | 50 in<br>1.27 m        | 57 in<br>1.44 m        | 75 in<br>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<br>Galv. Chain | 5/16 in<br>Galv. Chain           | 3/8 in<br>Galv. Chain  | 1/2 in<br>Galv. Chain  | 1/2 in<br>Galv. Chain  | 1/2 in<br>Galv. Chain |
| Weight<br>28 oz    | 1.56 lb/ft<br>2.3 kg/m | 1.85 lb/ft<br>2.75 kg/m          | 2.75 lb/ft<br>4.1 kg/m | 4.25 lb/ft<br>6.3 kg/m | 4.45 lb/ft<br>6.6 kg/m | 4.9 lb/ft<br>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)<br>ASTM G155 1500hrs UV Resistance test<br>Tensile strength, 600 lbs / 2670 N<br>Puncture resistance 900 lbs / 4,000 N<br>Abrasion Resistance ASTM D751 7000 cycles<br>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:                  | Monsun 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.



1309 West Main St.  
Carmi, Illinois 62821, USA  
+1 (618) 382-2525  
[www.elastec.com](http://www.elastec.com)    [elastec@elastec.com](mailto:elastec@elastec.com)