

MiniMax and MaxiMax Description



Elastec/American Marine manufactures a line of fence boom with added tension members combined with solid foam flotation. This oil and debris barrier is typically used for rapid deployment in ports and harbors for surrounding vessels or protecting resources. The construction employs top and bottom tension members (cable on top and chain on bottom). Even if the fabric is damaged these members will hold the boom together.

MiniMax and MaxiMax booms have low storage volume and can be stored on pallets or wound on reels*. This system is especially useful for ports and harbors where a quick response is required. These booms feature closed cell foam buoyancy panels, vertical stiffeners, galvanized chain ballast, stainless steel top tension cable, plus a choice of fabrics. Fence boom is typically used for static or low current applications. However, the 42" MaxiMax is fitted with extra buoyancy to support sweeping type operations.



MaxiMax is a strong versatile containment boom meeting ASTM F1523 standards.**

The construction of these booms does not use sewing that will allow water to enter the float chambers, instead its' float pockets and construction is fully welded for a water tight seal. The floats are closed cell ensuring that they will not take up water. Additionally the hardness of the float allows for it to be wound on a reel without deformation.



Manufactured in fully welded 22oz PVC material, this boom is fitted with handles and anchor points, as well as being offered with a variety of accessories such as anchors, lights, repair kits, towing sets and reflectors.

MaxiMax boom comes in standard section lengths of 50ft or 100ft (15m or 30m). MiniMax is also available in 25ft (7.5m) sections. Custom sizes are available upon request. The boom is supplied with ASTM compliant interchangeable end connectors for rapid coupling of sections. End connectors are fitted with sacrificial Zinc anodes.

| | MiniMax | MaxiMax | | | | |
|--------------------------|-------------------------------|--|------------------------|------------------------|-------------------------------|----------------------|
| Height | 17" / 430mm | 25" / 635mm | 30" / 760mm | 36" / 910mm | 42" / 1060mm | 44" / 1100mm |
| Freeboard | 6" / 150mm | 8" / 200mm | 10" / 250mm | 11" / 280mm | 15" / 380mm | 15.75" / 400mm |
| Draft | 11" / 280mm | 17" / 430mm | 20" / 510mm | 25" / 635mm | 27" / 680mm | 27.5" / 700mm |
| Top Tension | 3/16" / 5mm Stainless Cable | 1/4" / 6mm Stainless Cable | | | 5/16" / 8mm Stainless cable | |
| Bottom Tension/ ballast | 3/16" / 5mm Galv. Steel Chain | 3.8" / 10mm Galv. Steel Chain | | | 1/2" / 12mm Galv. Steel Chain | |
| Weight | 1.2 lbs/ ft 1.8 kg/m | 2.2 lbs/ft 3.3 kg/m | 2.6 lbs/ft 3.9 kg/m | 2.8 lbs/ft 4.2 kg/m | 5 lbs/ft 7.5 kg/m | 5 lbs/ft 7.5 kg/m |
| Actual Breaking Strength | 6,400 lbs / 2,909 kg | | | 12,500 lbs / 5,669kg | 16,500 lbs / 7,500 kg | |
| Float Thickness | Rectangular Panels 2" / 50mm | | | | 4 " / 100mm Panels | 2" / 50mm Panels |
| Reelable | Yes | | | | *No | Yes |
| **ASTM F1523 Compliance | Calm water | Calm Water – Current & Protected Water | Protected Water | | | |

- Section Lengths: 25, 50, 100ft / 7.5, 15, 30m
- Standard Connector: ASTM Universal Slide (other on request)
- Anchoring Points: At section connectors
- Fabric: 22 oz / 735 gsm PVC (other available on request)
- Construction: Fully welded
- Stiffeners: Vertical stiffeners are fitted between each float for stability
- Anodes: Fitted at section connectors
- Handles: Fitted along the boom



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MaxiMax complies with United States Code of Federal Regulation (CFR) 33.Pt 154. App.C , Calm, Protected or Open Water depending on size.

Optional Accessories:

Boom Reels, Anchor Sets, Tidal Compensators, Strong-Backs, Tow Bridle, Marker Lights, Stand-Off Units, Alternative Connectors, Radar Reflective Material.



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