

## DEFENDER

## Defender DEFENSIVE BARRIER

The HALO Defender is a cost-effective, value-offering barrier for challenging marine environments. Ideal for commercial and military applications, its modular design allows end users to employ the system in a variety of configurations and spacings, providing end users the ability to optimize the security solution based on their site-specific needs. This barrier is exceptionally stable, ensuring that the system is up-right and on-station to meet your security needs.

HALO Maritime Defense Systems

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Newton, NH 03858

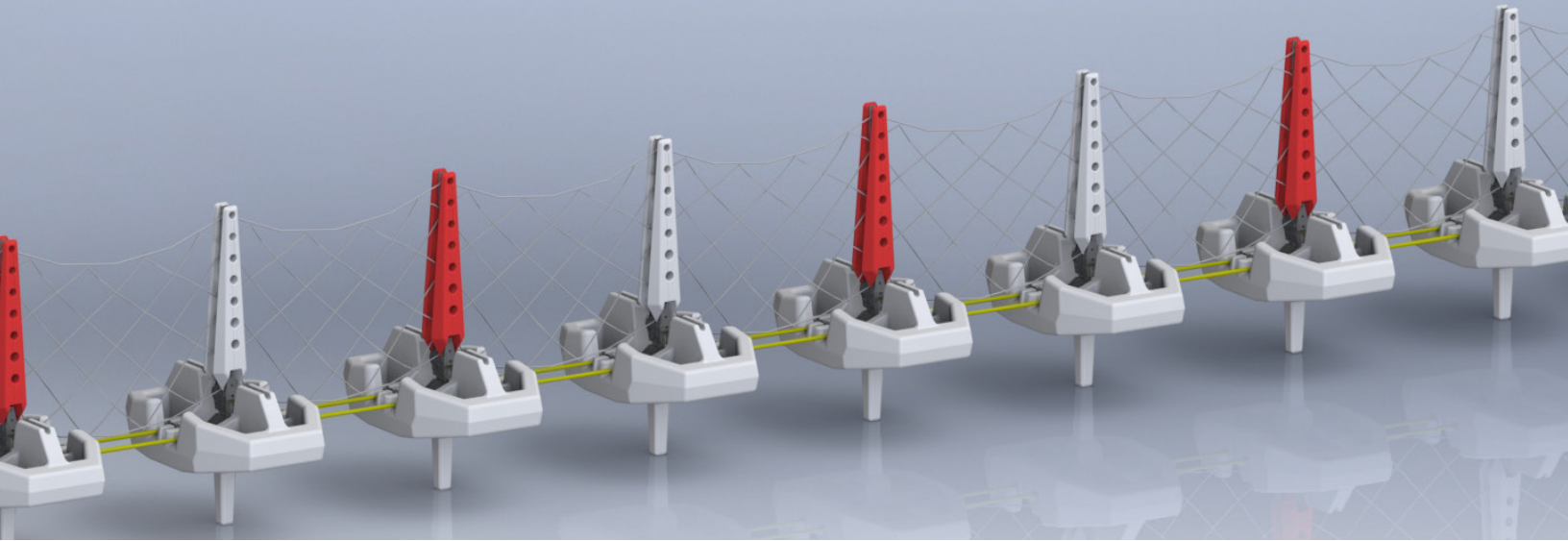
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The Defender system is manufactured from plastic, composite and stainless steel materials, reducing maintenance needs and ensuring a long service life. The barrier can support a fiber or stainless steel net

capture system, eliminating threats from nuisance watercraft (jet skis) to state sponsored attack vessels. Lights, radar reflectors, and signage can be mounted using industry-wide, standard hardware. Defender can be fully integrated with existing third-party port security systems or other HALO waterside security barriers.

HALO® barrier systems and platforms are a complete defensive solution comprised of static barriers and dynamic, retractable gates. Any valued asset on the water has a critical need for protection from intrusion, destruction, or theft. Our floating barriers and gates provide essential security to assets that are vulnerable to water-borne attacks.





	Defender
<b>Geometry</b>	
Height off water	2.3 m
Width (beam)	2.3 m
Mass	100 kg/m
<b>Capability</b>	
Maximum Kinetic Energy Capability	813 kJ
Percentage of Boats Stopped	99%
ASTM F2766-11 Kinetic Energy Level	Level C
Environment	
<b>Recommended Deployments</b>	
Access Control and Monitoring	✓
Automatic Marine Gate	
Manual Marine Gate	✓
Static Defensive Barrier	✓
Portable Defensive Barrier	
<b>Threat Type</b>	
Swimmers	✓
Small Watercraft	✓
Medium Watercraft	✓
Large Watercraft	
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