GRANITE environmental

HDPE Log & Debris Boom

The HDPE Log & Debris Boom features **4' x 4' panels** that have been constructed from 1/2" HDPE materials and include **high impact floats** on each panel. These heavy-duty barriers have been effectively used to control trash, logs, pollutions and many other floating objects in **harbors, bays, rivers, marinas, lakes, power plant**s and more. Sections are often shackled together to form the desired boom length.

Typical Features:

- 1/2" HDPE Material
- Marine Grade Connectors
- High Impact Bolted-on Floats
- Lead Weight or Chain Ballast
- Stainless Steel Corner Plates

Typical HDPE Debris Boom Specifications

Length of Section	Height	Boom Fabric	Flotation	Ballast Chain	Freeboard	Skirt Depths
48"	24" or 48"	1/2" HDPE with 2 1/4" Perforations	High Impact Resistant Plastic Floats	Lead Weights	8"	16" or 40"

****Other Sizes, Site Specific Designs, & Custom Designs Available**

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These floating steel booms are usually deployed from either the shore or work platform. They **typically require personnel of either 2 or 4 people** and operate best when placed on a consistent maintenance schedule.

These Booms have Controlled:

- Logs & Small Timbers
- Aquatic Plants
- Debris around Power Plant Intakes
- Marina Debris
- River, Lake, Bay or Harbor Pollution

Installation Schedule

1. Set shore & bottom anchors around required areas.
2. Shackle panels together at corner plates to make your desired boom length. (These shackles are located on each section at the top and bottom of the panel)
3. Float and anchor your boom into place to conform to desired layout.

Maintenance Schedule

1. Having a consistent boom maintenance schedule is key to keeping your system functioning properly. Maintenance can include:
2. Periodic removal and disposal of floating debris. Debris can be removed by trash skimmers, vacuum trailer, harvesters, or pumps and disposed of in incinerators.
3. Pressure washing the unit helps reduce marine growth.

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