



DESMI Enhancer Series

THE MARINE LIFE FRIENDLY TRASH REMOVER

PROVEN TECHNOLOGY

DESMI

DESMI Enhancer Series - The Marine Life Friendly Trash Remover

The simple, and consequently reliable, DESMI Enhancer has a proven record for removing floating trash in rivers, channels, streams and other areas with flow in one direction. It is a floating basket with front entrance and front brackets allowing connection to booms giving the opening required.

The DESMI Enhancer can be delivered in two versions;

- With a galvanized steel basket which can be lifted by crane and emptied (E - B)
- With a net which again can be lifted and emptied before mounting again (E - N)

The robust construction is ensured by making the actual floating structure in galvanized steel and the floats in heavy HDPE pipes with welded on flanges.

During emptying of the two versions (basket and net) the Enhancer is designed with a gate which is closed when the basket or net is lifted out of the Enhancer in order to ensure the unit is not filled with floating debris outside the collection basket/net. The Basket version is designed with a lever principle construction lowering the entrance gate automatically when the full basket is lifted. The net version has a manually operated gate.

The unit is designed in parts allowing transport of up to 2 units in a standard 20' container. Mounting of the parts locally is easy and requires only hand tools and a crane/forklift.



Advantages of ENHANCER:

- Simple and strong construction - High durability
- Designed to contain & recover all type of marine debris
- Operates under a wide range of tidal conditions and water flow
- No harm to the environment & marine life
- Low maintenance
- High recovery capacity

The Enhancer has already proved its ability to recover floating debris in streams. It has been deployed several locations around the world in three continents with remarkable success. The recovered material can be either manually treated, or DESMI can also deliver a containerized pyrolyze treatment plant called PDMF giving 80 % volume reduction and with carbon negative by-products.

Dimension:

- Length: 3350 mm
- Width: 3350 mm
- Height (basket version): 1900 mm
- Height (net version): 1000 mm
- Entrance dimensions height: 600 mm
- Entrance dimension length: 1870 mm
- Weight basket version: 700 kg
- Weight net version: 620 kg

For more information on our systems and solutions, please visit www.desmi.com

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