THE MOBULA 8

A MULTIPURPOSE POLLUTION CONTROL SOLUTION FOR THE COASTLINES AND INLAND CALM WATERS

The result of a partnership between MANTA INNOVATION and EFINOR SEA CLEANER to meet the needs of THE SEACLEANERS NGO, the MOBULA 8 is a cleanup boat equipped with a unique and innovative technology for the collection of solid and liquid floating waste.

Thanks to its removable floats and its folding deck, it offers an important storage capacity for plastic waste while remaining within the road gauge and being economically and safely transportable in a 40-feet container.

EFFICIENT DEPOLLUTION

Simultaneous recovery of solid and liquid waste:
Plastic waste and all types of floating macro-waste, hydrocarbons, wastewater, invasive vegetation, sewage discharge...

MICRO-WASTE FILTER

A flexible net can be placed in the tunnel to filter and collect micro-waste, and also for sampling purposes for scientific studies

POWERFUL SOLUTION

Collection surface: 15,000 sqm / hour
Suction capacity: 2.5 to 4 m in front of the boat
Solid waste container: 2,400 kg (5 to 8 m^3)
Liquid waste tank: 600 l
Cleaning speed: ~2 knots
Maximum speed: 7 to 10 knots
Cleaning width: ~4 m
Cleaning depth: ~0.4 m

MULTISERVICE

Quiet and protected waters
Rivers
Canals
Mangroves, lake areas
Coastal areas up to 5 nautical miles offshore
Shallow or difficult-to-access areas

MANTA INNOVATION with ÉFINOR

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INNOVATIVE PATENTED TECHNOLOGY

Double flow technology, allowing to evacuate clear water and to store solid waste sorted on board the ship and water polluted by hydrocarbons and oils

QUICK AND EASY TO DEPLOY AND USE

Transportable by road on a trailer or in a standard 40-feet container
Single **handling** and **lifting point**
Switch from navigation to collection mode in less than 30 seconds
Hydraulic control by one person from the console
Suction at standstill and in forward or reverse

SUSTAINABLE MANUFACTURING

Made of 98% recyclable aluminum, for maximum strength and durability, **and minimal environmental footprint**

TECHNICAL DATA

CONSTRUCTION

Material	Aluminium
Certified	Bureau Veritas
Regulation	Division 222
Engine	90 to 150 HP
Category	5 th

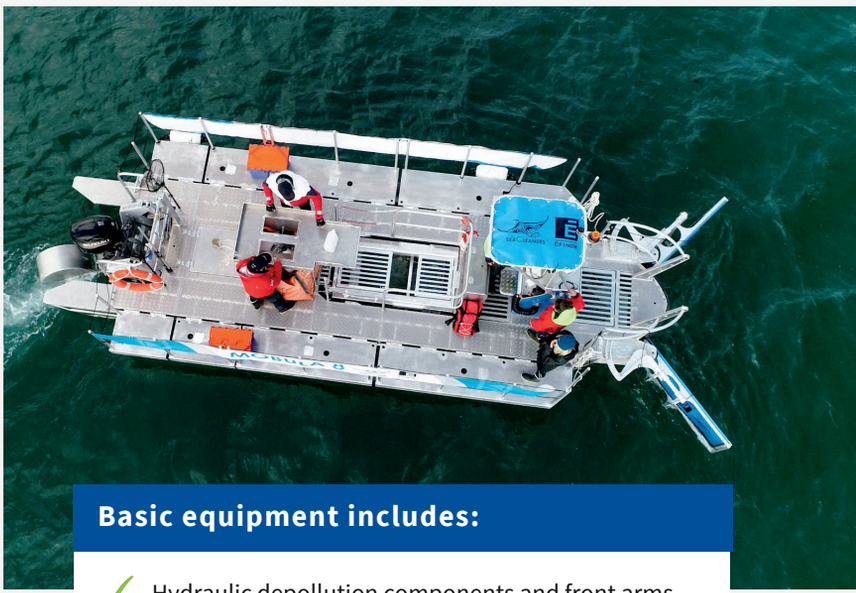
DIMENSIONS

Hull length	9.20 m
Hull width	2.10 m / 3.40 m with inflatable floats
Light weight	2,400 kg
Average draft	0.80 m
Crew	2 to 3 members

INTEGRATED POLLUTION CONTROL SYSTEM

Solid waste collection
· Filtration and recovery of micro-waste possible
· Sorting of solid waste on board

Liquid waste collection
· Floating storage inside the boat
· Unmatched storage capacity
· No variation in trim and no sinkage
· No impact on stability



Basic equipment includes:

- Hydraulic depollution components and front arms
- Engine with steering and integrated fuel tank
- A simple T-top with a bolster
- Cathodic protection (anodes)
- Security equipment according to French regulations
- Mooring lines
- Regulatory equipment (foghorn, navigation lights, VHF, fire extinguishers, etc.)
- Fully equipped to be operated straight away (fenders, mooring lines, wheel handle, GPS/Sounder device with local chart, 12V plug and USB socket, dock charger, padlocks)
- A lifting eye for a single central point lifting
- Rear platforms
- Antifouling protection

*Valid for one month as of September 30, 2021

Request your estimate
contact@mantainnovation.com

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