

# 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<sup>3</sup>)  
**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



with



EFINOR

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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 <sup>th</sup>

### 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



**€194,300 (public price)\* including:**

- ✓ 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



Details of available options, including boat customization and trim, and operating and maintenance costs are available upon request.



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