



MMS Envirocat Eco
the **versatile** contribution
to **safeguarding nature...**



...helping to **restore nature**

view Envirocat in action:



What if there could be a **small and versatile** boat that can:

- 1 **Operate** in ports, marinas, lakes, canals and rivers
- 2 **Collect**, sort and remove floating plastic, rubbish and oil from the water surface and the beach zone
- 3 **Remove** silt from harbours, canals and lock gates
- 4 **Operate** at costs of approximately £2.33 per hour (Eco 8.5 all-electric)
- 5 **Produce** zero emissions
- 6 **Be built** in environmentally-friendly materials such as marine grade aluminium
- 7 **Be easy** to handle, light weight, strong & durable
- 8 **Keep** maintenance costs to a minimum
- 9 **Be transportable** by road
- 10 **Support** fish farms and aquaculture industries

road transportable
on a boat trailer...



Envirocat Eco 8.5 ideal for flotsam, shore & beach clearance



Envirocat Eco 8.5 All Electric

Plastic collection & aquaculture support

- **User-friendly design:**
The vessel features a user-friendly wheelhouse with tinted bonded windows, offering excellent visibility. Digital and colour indicators provide essential information such as RPM, power consumption, distance, and speed.
- **Zero emissions:**
Powered by two electric outboards, the vessel produces zero emissions, contributing to a cleaner and greener environment.
- **Efficient plastic collection:**
Designed to efficiently collect floating plastic and debris from the water's surface, the vessel can hold up 3m³ of waste, reducing marine pollution
- **Low operating costs:**
The Eco 8.5 can support an 8-hour working day, the operational cost of the Envirocat All-Electric Eco 8.5 is impressively low, at just £2 per hour.
(based on 2024 UK electric costs of 34p per kWh)



Dimensions/Specification

Length	8.5m
Beam	2.55m
Draft	0.3m
Height	2.4m
Weight	1.9T
Deck fwd	4.6m x 2.3m
Collection basket	3m ³

Mechanical

Power	2 x 9.9Hp / 6kW each
Battery	6 x 200 AMP/Hr @ 48Vs
Habitat battery	100 AMP/Hr 12V
Charging	6 x 650W
Charging time	8 Hours (from zero)

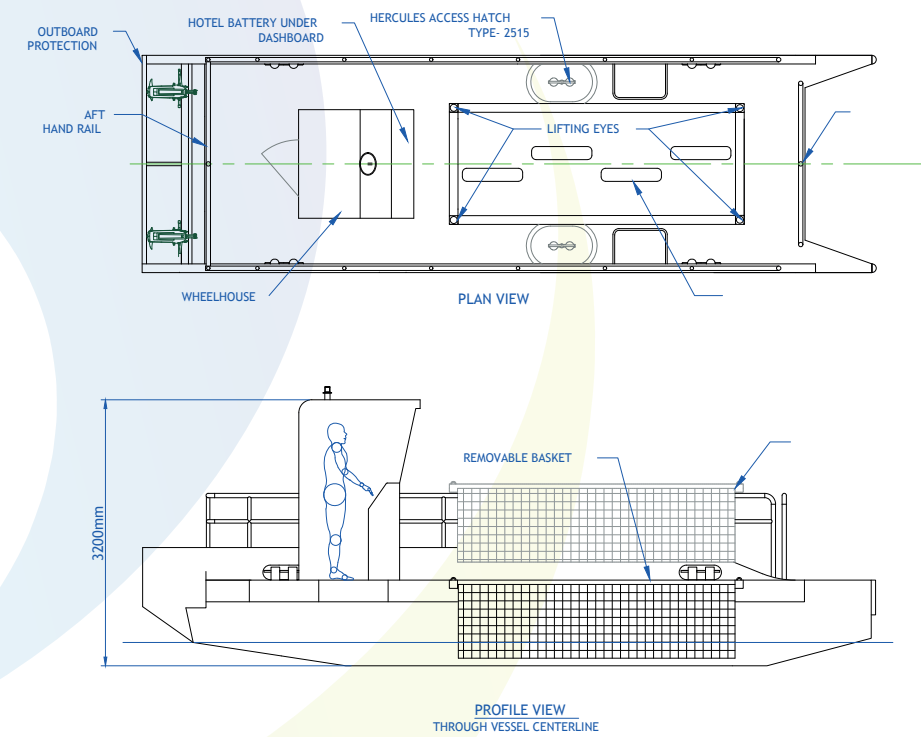
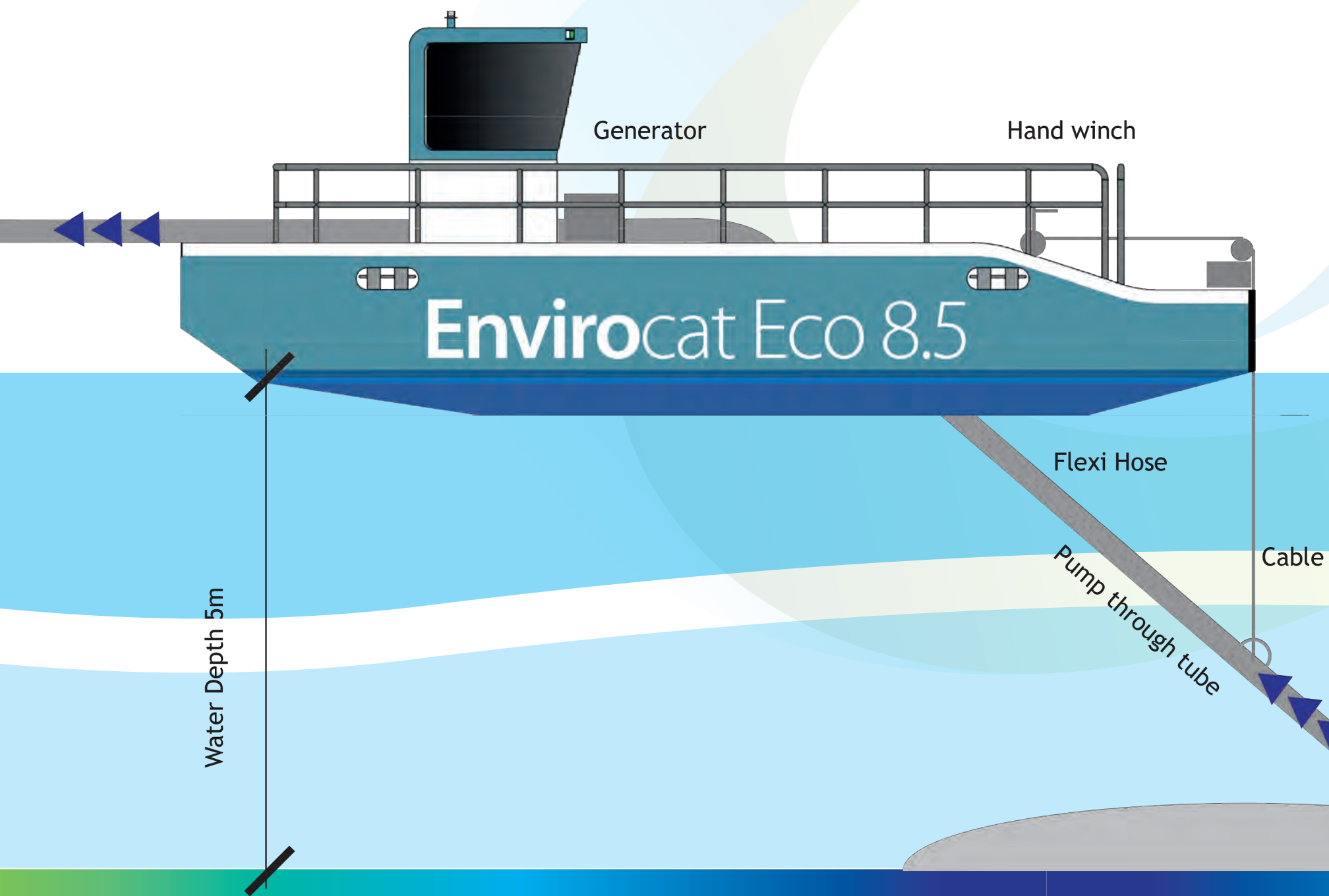
Performance

Speed	8 Knots
Vessels can easily support an 8 hour working day.	



Envirocat Eco 8.5 **ideal** for **silt clearance** from harbour entrances and lock gates, using suction or water injection.

The Envirocat Eco 8.5 is ideal for specialist silt clearance jobs in areas that cannot be accessed by larger, conventional dredgers.



The Envirocat Eco 8.5 is a **multi-purpose** vessel that produces **zero** emissions, is **silent** to run, has **low running** costs and can be used in many differing water borne roles:

- 1 Supporting fishfarming and aquaculture, with a 1.5 Tonne Deck load
- 2 Weed cutting and clearance using electric shears
- 3 Reservoir maintenance and cleaning
- 4 Power stations - clearance and maintenance of cooling water intakes and grids



Envirocat Marina

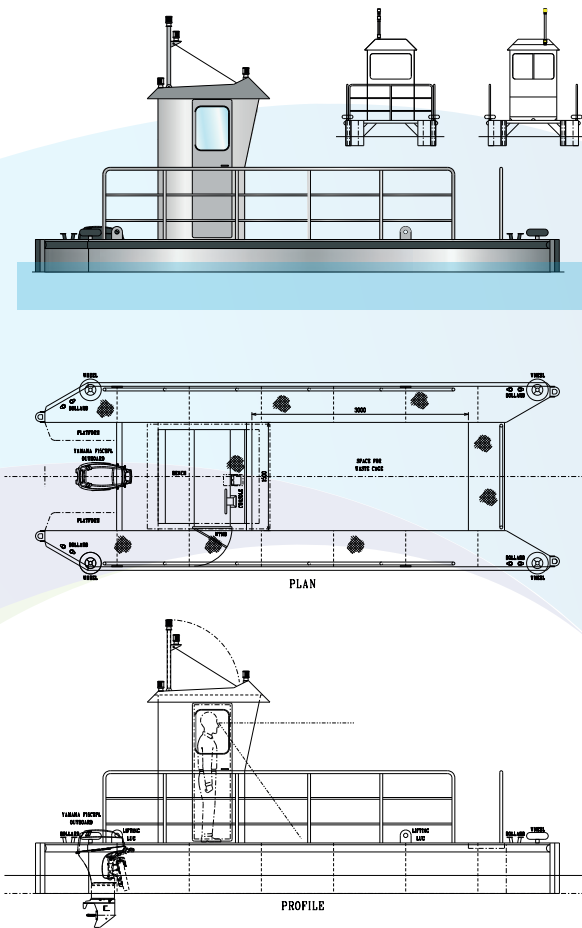
Plastic collection

- **Ideal for working in confined areas:**
This vessel is ideal for collecting plastic waste and flotsam in docks, lakes, ponds and parks
- **Road transportable:**
The vessel can be towed by road trailer or small truck
- **Ease of operation:**
The vessel is simple to operate and requires little crew training
- **Multi-purpose usage:**
The basket collection area has portable covers which increase the deck, ideal for general workboat duties
A small hand-operated crane can be installed for lifting heavy items

Dimensions/Specification	
Length	7m
Beam	2.5m
Draft	0.7m
Weight	1.5T
Deck fwd	4.6m x 2.3m

Mechanical	
Option 1	1 x 15 HP petrol outboard
Option 2	1 x Electric outboard

Performance	
Speed	8 Knots
Vessel can easily support an 8 hour day	



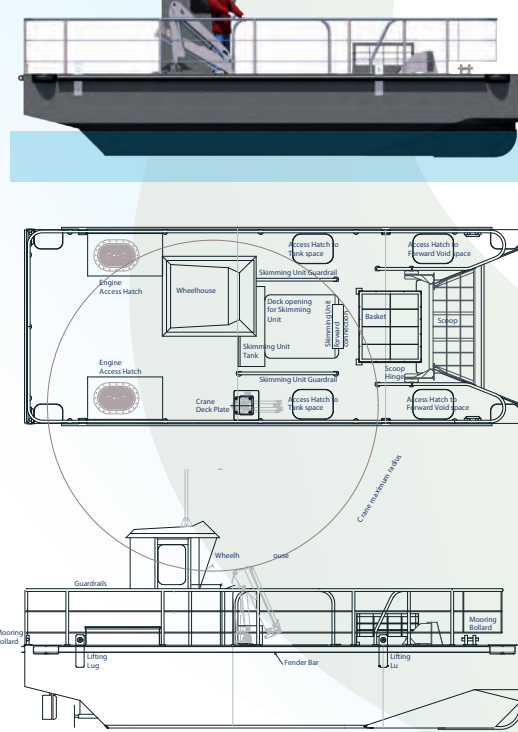
Other models in the Envirocat range



Envirocat Harbour

Oil & debris collection

- **Removal of oil from water's surface:**
The pollution control equipment is easily operated and can store up to 3 tonnes of waste oil which can be pumped ashore.
- **Collections of plastic and flotsam from water's surface:**
The vessel can collect plastic and flotsam with the forward scoop arrangement which is emptied into the deck holding skip.
- **Recycling bin park:**
Plastic, glass and tins can be segregated and stored in the colour coded recycling bins.
- **On-board hydraulic crane:**
Able to lift the deck holding skip and recycling bins ashore.



Dimensions/Specification	
Length	9.2m
Beam inc. fender	3.80m
Draft unladen	0.6m approximately
Draft laden	1.10m approximately
Height	2.80m
Weight light-ship	5.3 tonnes

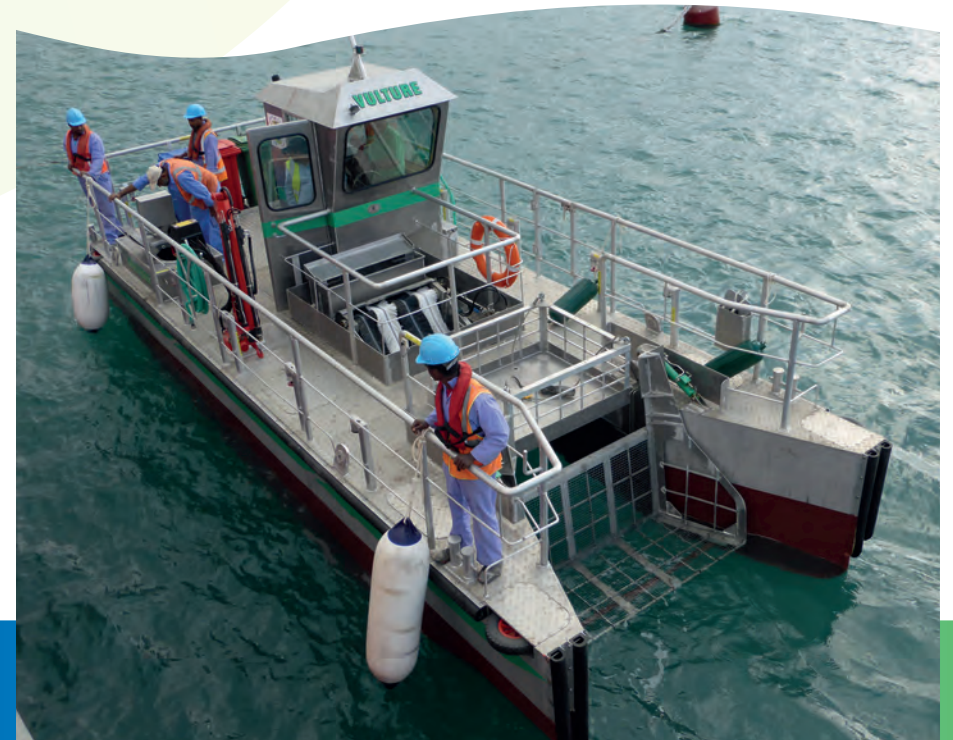
Mechanical	
Power option 1	2 x 45 HP diesel inboard engines
Power option 2	2 x electric outboards
Generator	
Engine room bilge pumps	

Performance	
Speed	8 Knots
Vessel can easily support an 8 hour day	

Pollution Control Equipment	
Purpose-made skimming unit	
3 ton on-board oil recovery holding tanks	
Pump and hose for transferring waste oil ashore	
Hydraulic debris collection scoop	
Holding skip	
Recycling containers	

Crane	
Capacity reach	3.1m

General	
Heavy duty fenders all-round	
Lifting eyes	
Deck wash	
Workboat code 6 if requested	





MMS - high quality British ship building

Envirocat is a subsidiary company of MMS Ship Repair.

All vessels are built at our shipyard in Hull, UK, where we have been supporting the marine industry for over 35 years. Vessels are built on stock to ensure short delivery times and can be adapted to suit owner's specific requirements to support services such as fish farming, weed control etc.

Purchase or Rental Options

In addition to purchase, MMS can offer Envirocat vessels on a rental basis, with or without crew, to keep your harbour waters clean.

For more information please contact:
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