



The Envirocat Eco 8.5, all electric, zero emissions, is truly the **Swiss Army Knife** of vessels, being able to carry out multiple water borne roles with **ultra low** running costs.

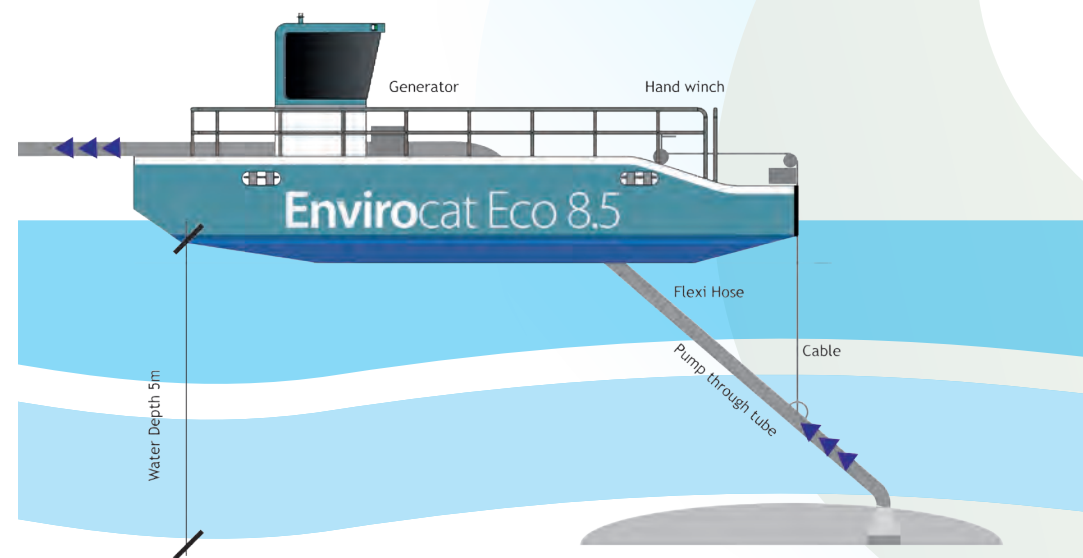
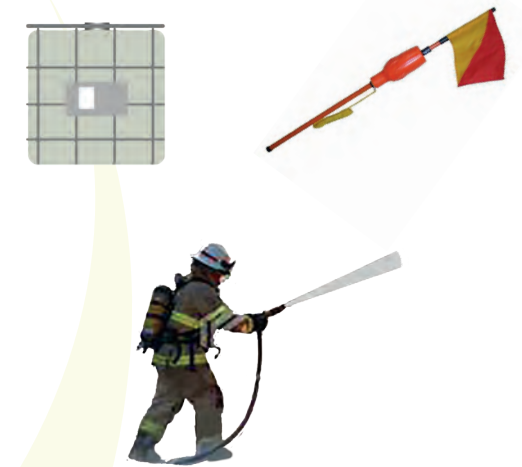


...helping to **restore nature**

view Envirocat in action:



- Plastic and flotsam collection
- Oil skimming
- Conduct survey work & general workboat duties
- Operates in ports, docks, marinas, lakes, reservoirs and rivers
- Performs fire fighting duties
- Weed cutting, bank maintenance
- Effluent collection - grey and black water, liquid oils and waste into deck-mounted IBCs
- Carry out light mooring and buoy handling
- Supports aquaculture (totally silent & zero pollution)



Ideal for silt clearance and dredging in harbour entrances and lock gates

Road transportable on a 7.5 tonne flatbed lorry



- **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
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Vessels can easily support an 8 hour working day.

Envirocat Eco 8.5 ideal for flotsam, shore & beach clearance



Other models in the Envirocat range



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

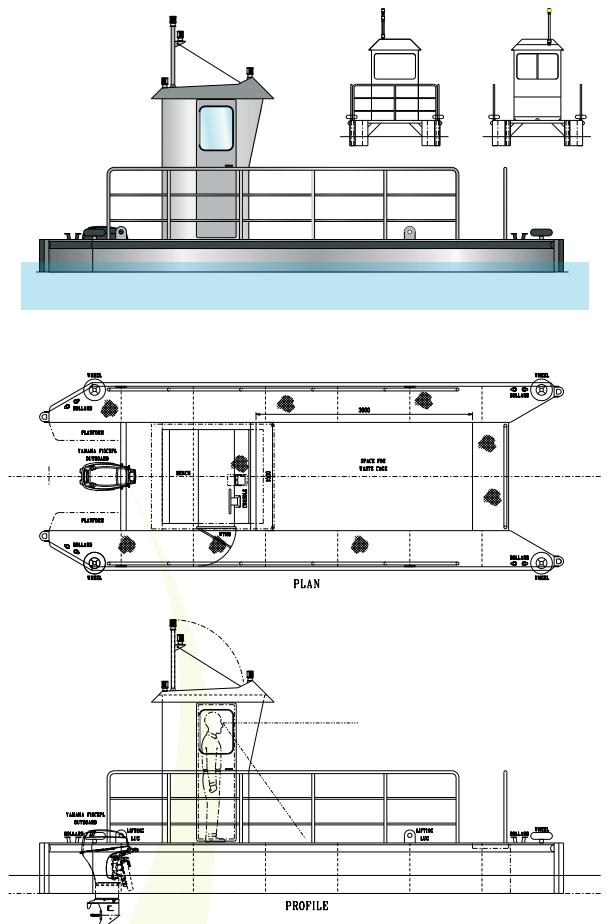
Length	7m
Beam	2.5m
Draft	0.7m
Weight	1.5T
Deck fwd	4.6m x 2.3m

Mechanical

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

Performance

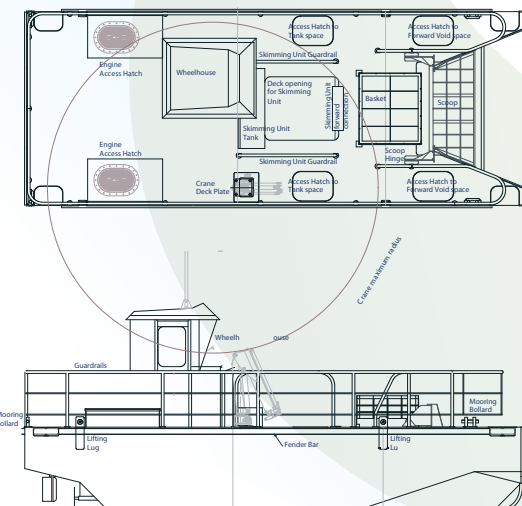
Speed	8 Knots
Vessel can easily support an 8 hour day	



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

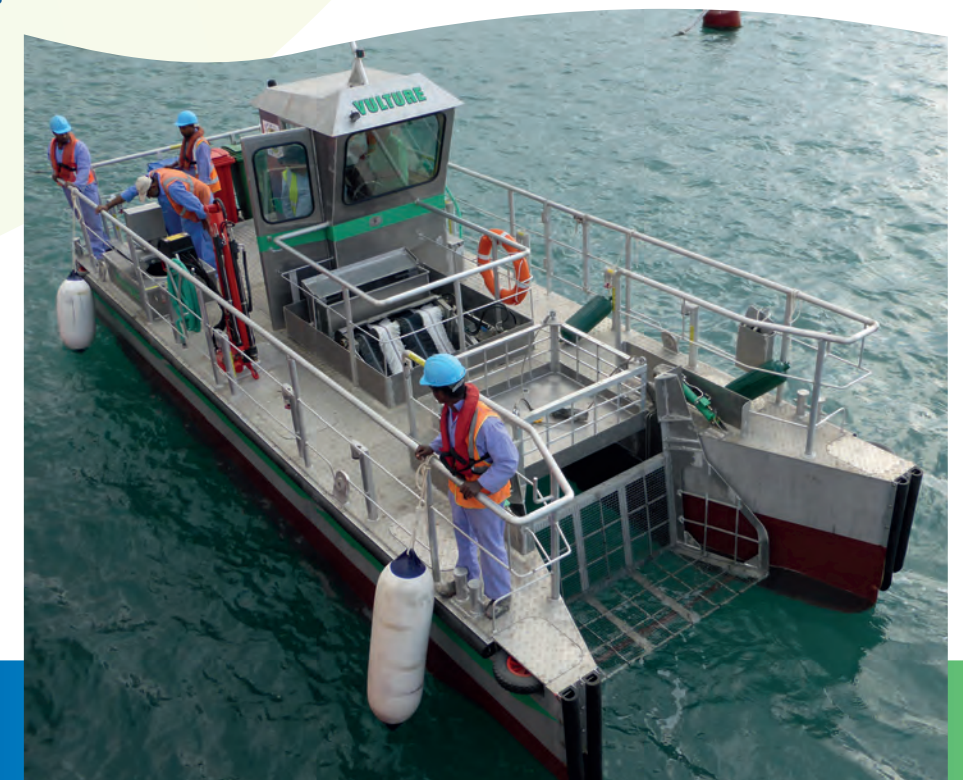
Purpose-made skimming unit
3 ton on-board oil recovery holding tanks
Pump and hose for transferring waste oil ashore
Hydraulic debris collection scoop
Holding skip
Recycling containers

Crane

Capacity reach	3.1m
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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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