

SPECIFICATION SHEET  
**WM INNOVATION**

# WM INNOVATION

## WATER INJECTION DREDGER

Innovation is a road transportable water injection dredger designed for quick deployment and efficient dredging operations. The vessel can operate both day and night with a crew of 2.



### VESSEL DETAILS

|                   |                                                |
|-------------------|------------------------------------------------|
| Year of Build:    | <b>1998</b>                                    |
| Port of Registry: | <b>Cardiff</b>                                 |
| Classification:   | <b>MCA Workboat Category 3</b>                 |
| Operating Area:   | <b>Up to 20 nautical miles from safe haven</b> |

### MACHINERY & PROPULSION

|               |                                                                       |
|---------------|-----------------------------------------------------------------------|
| Main Engine:  | <b>BETA Marine 105T 105hp at 2800 RPM</b>                             |
| Dredge Pump:  | <b>Dedicated engine driving a high volume pump</b>                    |
| Propeller:    | <b>Single fixed propeller and rudder with additional bow thruster</b> |
| Gearbox:      | <b>3:1 Reduction gearbox</b>                                          |
| Power:        | <b>1800w Inverter</b>                                                 |
| Fuel Capacity | <b>800L</b>                                                           |

### DIMENSIONS

|                 |                                    |
|-----------------|------------------------------------|
| Length Overall: | <b>9.5m + changable dredge arm</b> |
| Beam:           | <b>3.5m</b>                        |
| Draft:          | <b>1.2m</b>                        |
| Air Draft:      | <b>3m</b>                          |
| Weight:         | <b>11.5T</b>                       |

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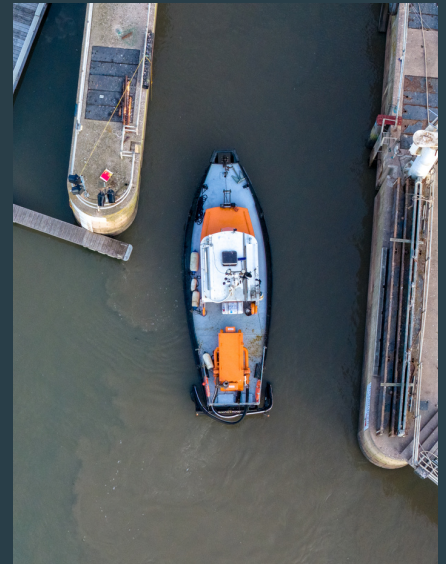
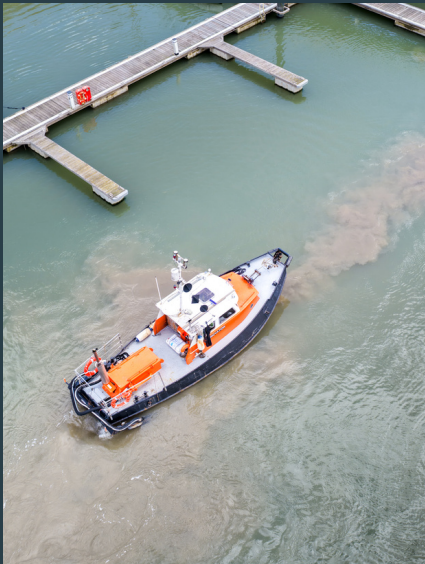
## WATER INJECTION DREDGER

### VESSEL IS EQUIPPED WITH:

- Software for dredge planning, monitoring and recording
- GPS
- VHF AIS

### DREDGING CAPABILITIES

Max. Dredge Depth: **10m**  
Min. Dredge Depth: **1.5m**



For enquiries please contact  
[info@wmdredging.co.uk](mailto:info@wmdredging.co.uk)  
[wmdredging.co.uk](http://wmdredging.co.uk)