



UKD Orca is a modern and highly versatile trailing suction hopper dredger. She is ideally suited for estuary and close-quarters dredging, combining compactness with capacity. Equipped with twin suction pipes fitted well aft, the vessel is capable of dredging in confined spaces making her ideal for maintenance dredging.

The UKD Orca is equipped with a de-gassing installation, drag head jets and underwater overflow via an adjustable weir.

All dredging equipment has computerised control and monitoring systems. Navigation guidance is by DGPS which, together with digital mapping of the dredge area, provides the Master with precision positioning.

With a hopper capacity of 2,373m³, the UKD Orca has been designed to meet the needs of European customers, especially in the UK and Ireland. Key features include a diesel-electric power plant, rudder propeller systems and a twin pipe option.

SPECIFICATIONS

In Service	2010
Builder	Barkmeijer Shipyards
Classification	Bureau Veritas Class 1, Unrestricted Navigation
Length Overall	78.0 m
Breadth Moulded	15.85 m
Draught Light	3.2 m
Draught Loaded	5.6 m
Gross Tonnage	3,087
Hopper Capacity	2,373 m ³
Max. Dredge Depth	25.0 m
Installed Power	3 x 1,200 kw
Main Propulsion	Rudder Propeller 2 x 1,500 kw
Dredge Pump	850 kw
Jet Pump	575 kw
Bow Thrust	500 kw



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UK Dredging
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