



LONDONDERRY
PORT



Trailer Suction Dredger Specification

Built	:	1979, Holland
Dimensions*	:	75 x 9.5x 3.8m
Classification	:	Bureau Veritas
Trading Area	:	Dredging within 15 miles from shore or within 20 miles from port
Hopper Capacity	:	850m ³ , 1,300 tons
DWT	:	1,512 tons
GT/NT	:	848/382
Diesel Engine	:	Catepillar, type 3512 B, output 1,010 kW
Speed	:	approx. 10 kn
Bow Thruster	:	Scania, 235 kW
Generators	:	1 x 65 kVA, 1 x 50 kw
Dredging Depth	:	25m
Dredge pump	:	De Groot 40/40
Bottom doors	:	6 off
Pump Ashore	:	Yes Port and Stbd
Bunker Capacity	:	Fuel 23m ³ /potable water 8m ³

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UK DREDGING



UKD DOLPHIN

TRAILING SUCTION HOPPER DREDGER

U **KD Dolphin** is a trailing suction hopper dredger with IHC equipment. She is ideally suited for estuary and close-quarters dredging, combining compactness with capacity. With a single suction pipe fitted well aft on the starboard side, the vessel is capable of dredging in confined spaces. Ideal for maintenance dredging, the vessel is equipped with de-gassing gear and 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.

The vessel is equipped with VHF, MF and mobile telephone; e-mail and fax links, twin radar sets, echo sounder and radio tide gauge receiver.



SPECIFICATIONS

BUILT	1984	GROSS TONNAGE	1.742 T
BUILDER	IHC,HOLLAND	HOPPER CAPACITY	2,189 m ³
CLASSIFICATION	BV I3/3E HOPPER DREDGER	MAX. DREDGE DEPTH	25.0 m
LENGTH OVERALL	79.0 m	MAIN PROPULSION	2 x 838 KW
BREADTH MOULDED	14.0 m	DREDGE PUMP	600 KW
DRAUGHT LIGHT	3.4 m	JET PUMP	340 KW
DRAUGHT LOADED	4.5 m	BOW THRUST	242 KW

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UK Dredging is a division of Associated British Ports



Amazone

Trailer suction hopper dredger

Hopper capacity	2770	m ³
Suction pipe diameter	800	mm
Sandpump capacity	900	H.P.
Propulsion (Twin screw)	2400	H.P.
Bowthruster	450	H.P.
Degassing installation	1000	H.P.
Max. dredging depth	28	m.
Length	79,30	m.
Beam	14,00	m.
Depth	5,70	m.
Loaden draught	5,00	m.



Lesse

Trailer suction hopper dredger

Hopper capacity	1535	m ³
Suction pipe diameter	800	mm
Sandpump capacity	900	H.P.
Propulsion (Twin screw)	1800	H.P.
Bowthruster	450	H.P.
Degassing installation	800	H.P.
Max. dredging depth	23	m.
Length	76.00	m.
Beam	13.00	m.
Depth	5.50	m.
Loaden draught	5.00	m.



Albatros

Trailer suction hopper dredger

Hopper capacity	1240	m ³
Suction pipe diameter	500	mm
Sandpump capacity	450	H.P.
Propulsion	860	H.P.
Bowthruster	350	H.P.
Degassing installation	450	H.P.
Max. dredging depth	25	m.
Length	72.00	m.
Beam	9.50	m.
Depth	3.50	m.
Loaden draught	3.40	m.



UKD SEAHORSE

MULTICAT DREDGING SUPPORT & BUOY HANDLING VESSEL

U **UKD Seahorse** is a 25 metre Multicat designed specifically by Damen Shipyards for UK Dredging. She is specified to provide a multi purpose dredging support vessel with bed-levelling, buoy handling and survey capability.

Driven by 2 x 477 KW Cummins engines she is also configured to run a submersible dredging pump and auger that will be suspended from a specially adapted marine crane.

Her principle duties are those of a bed leveller and her 10 metre plough is capable of working at a depth of 30 metres.

The Multicat form provides the stability to assist in dredging support, to handle floating pipelines and to

act as a marine working platform.

Fully equipped with DGPS and digital mapping her survey equipment is fully compatible with all of UK Dredging's fleet and able to act on a stand-alone basis. A Winch encoder accurately determines plough depth so that the combined package offers a complete survey and bed levelling service.

Winch arrangements permit 3 point anchoring allowing accurate positioning for submersible pump dredging and for holding the vessel on station in difficult tidal or harbour conditions.

With accommodation for 5 people the UKD Seahorse can be self sufficient and is available for work 24-hours a day.



GENERAL PARTICULARS

BUILT	2000
BUILDER	DAMEN, HOLLAND
CLASSIFICATION	BUREAU VERITAS TUG DEEP SEA
GROSS TONNAGE	206 TONNES
LENGTH OVERALL	25.97 m
BEAM OVERALL	10.06 m
DRAUGHT MAXIMUM	2.55 m
SPEED	9.5 KNOTS
DECK HYDRAULIC CRANE	HEILA TYPE HLRM80-2S (6400KG @ 10.7 m)
MAIN PROPULSION	CUMMINS KTA 19M3/HD 2X477 KW
PLOUGH WIDTH	10 m X WEIGHT 8 TONNES
BOLLARD PULL	18 TONNES

