



# EDT Oxyrinchus

Non-Propelled Cutter Suction Dredger (CSD 500)



Shipmanagement



<b>TYPE</b>	<b>NON-PROPELLED CUTTER SUCTION DREDGER</b>
<b>DESIGN</b>	DAMEN CSD 500
<b>OWNER</b>	FELITEX SHIPPING LTD
<b>OPERATOR</b>	EDT SHIPMANAGEMENT LTD
<b>BUILT</b>	2011, DAMEN DREDGING EQUIPMENT B.V. NIJKERK, THE NETHERLANDS
<b>FLAG</b>	CYPRUS

SP-CHR-016 EDT Oxyrinchus Specifications Sheet  
Revision 3.0  
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## GENERAL INFORMATION

Classification GL + 100 A 5 RSA (SW) Dredger

Official Number 711560

Operation Coastal Waters

## DIMENSIONS

Gross Tonnage 118 t

Net Tonnage 35 t

Length Overall incl. Ladder 49.25 m

Length Over Pontoons 36.70 m

Beam 9.35 m

Draft 1.00 m

## TANK CAPACITIES

Fuel Oil Approx. 22.8 m<sup>3</sup>

Fresh Water 1.6 m<sup>3</sup>

Ballast Water (Fore and Aft) 32.0 m<sup>3</sup>

Sewage 1.6 m<sup>3</sup>

## DECK EQUIPMENT

Ladder Winch Hydraulic, 120 kN, 0-15 m/min

Swing Winches Hydraulic, 120 kN, 0-15 m/min

Spuds Diam. 610 mm, Length 19m

Spud Hoisting Hydraulic Cylinder, stroke 1500 mm

Spud Carriage Hydraulic Cylinder, stroke 4000 mm

## PROPULSION / MACHINERY

Dredger Pump Diesel Caterpillar 3512B

Continuous Power Rating 954 kW @ 1600 rpm

Auxiliary Diesel Caterpillar 3406—DITA JWAC

Prime Power Rating 345 kW @ 1800 rpm

Hydraulic Installation Driving Cutter, Winches and Spuds

Electrical Installation 24V DC and 230/400 V AC, 34 kVA

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## DREDGING FEATURES

Dredging Depth 14 m

Mixture Capacity 4000 cb.m / h

## DREDGE INSTALLATION

Dredge Pump Type BP5045MD

Diam. Suction / Discharge Pipe 550 / 500 mm

Cutter Type 5-1625 (With changeable chisels)

Cutter Power 180 kW

## ADDITIONAL FEATURES

Dredging Depth Indicator

Vacuum and Pressure Indication of Dredge Pump

Special Day and Night Accommodation

Anchor Booms

Fuel-Water Separator

Special Cooling System for Extreme Salt Water

Navigation Lights

Search Lights

Auxiliary Generator Set

VHF Radio

Heavy Duty Cutter

Heavy Duty Cutter

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