



EDT Oxyrinchus

Non-Propelled Cutter Suction Dredger (CSD 500)



Shipmanagement



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

SPC-CHART-016 EDT Oxyrinchus Specifications Sheet
Revision 2.0
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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 m³

Fresh Water 1.6 m³

Ballast Water (Fore and Aft) 32.0 m³

Sewage 1.6 m³

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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