

# EDT OXYRINCHUS



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

**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

## 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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