



# DAMEN CUTTER SUCTION DREDGER 250

"JARRAFA"

## GENERAL

YARD NO.	56.665
TYPE	WCSD 250
DELIVERY DATE	May 1997
BASIC FUNCTIONS	Maintenance dredging
CLASSIFICATION	Bureau Veritas I 3/3 (-) dredger NI 1

## DREDGING FEATURES

DREDGING DEPTH	8 m
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## DREDGE INSTALLATION

DREDGE PUMP TYPE	BP3025
DIAM. SUCTION/DISCHARGE PIPE	300/250 mm
CUTTER TYPE	5-1150 RU (with serrated knives)
CUTTER POWER	45 kW

## ENGINE INSTALLATION

DREDGE PUMP DIESEL	Caterpillar 3406 DITA
CONTINUOUS POWER RATING	313 kW @ 1800 rpm
HYDRAULIC INSTALLATION	for cutter, winches, spuds and propulsion
ELECTRICAL INSTALLATION	24 Volt DC and 230/400 Volt AC, 6.25 kVA
PROPULSION UNIT	60 kW

## PRINCIPAL DIMENSIONS

LENGTH O.A. INCL. LADDER	24.00 m
LENGTH OVER PONTOONS	14.50 m
BEAM	6.00 m
DEPTH	1.50 m
DRAUGHT	1.00 m

## TANK CAPACITIES

FUEL OIL	8 m <sup>3</sup>
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## DECK MACHINERY

PROPULSION UNIT (1X)	Trustmaster
LADDER CYLINDERS (2X)	for lifting and 2 x swing
SPUDS (4X)	square 350 mm, length 12 m
SPUD HOISTING (4X)	hydraulic cylinder, stroke 1500 mm
SPUD CARRIAGE (2X)	travelling cylinder, stroke 2000 mm

## INSTRUMENTS

Dredging depth indicator  
Vacuum and pressure indication of dredge pump  
Flowmeter

## ACCOMMODATION

Operator's cabin on main deck with airconditioning

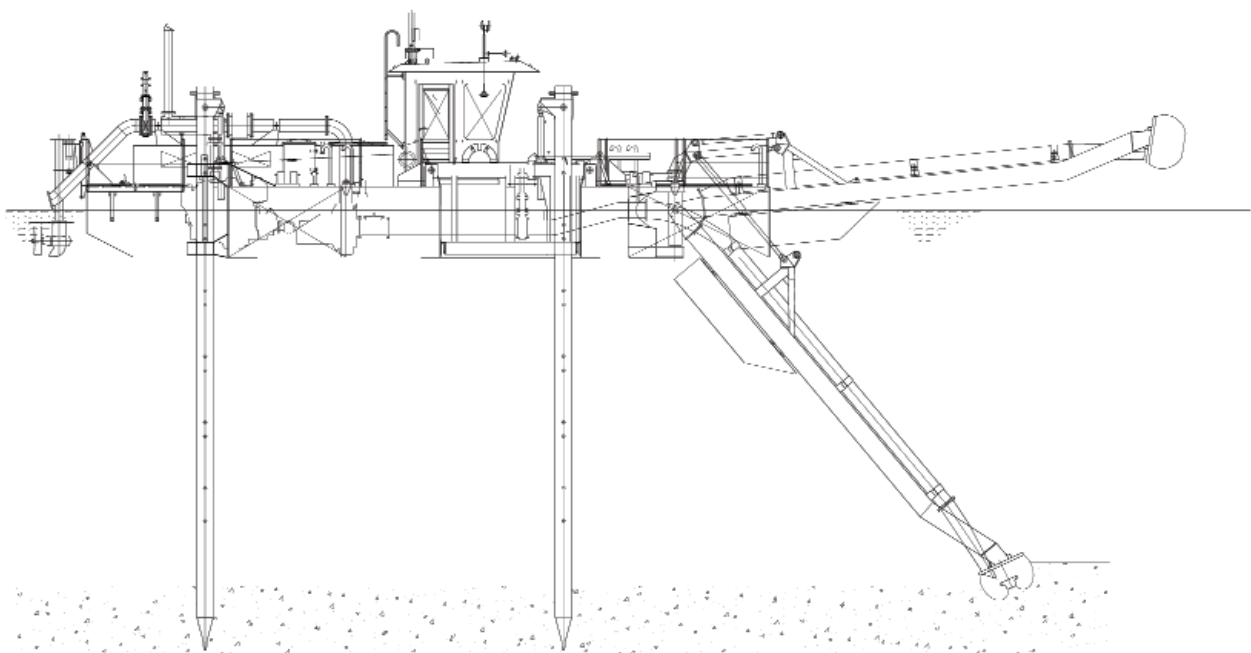
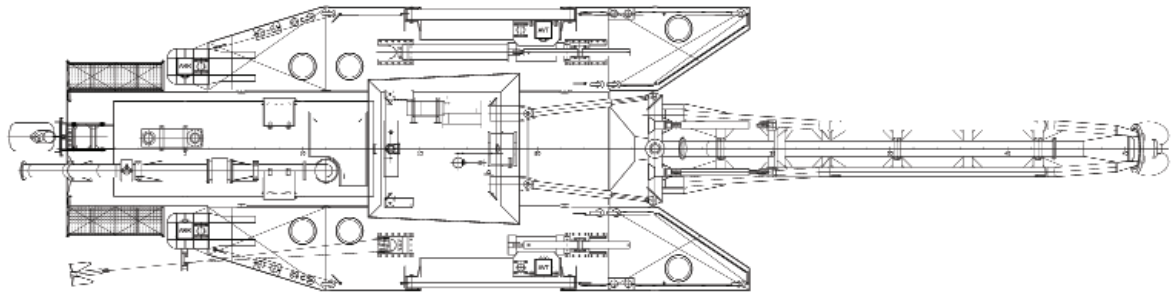
## REMARKABLE FEATURES

- Dismountable design for easy transportation
- Self propelled
- Positioned with two fixed and two travelling spuds
- Swing ladder with buoyancy tank
- 230/400 Volt AC installation
- Air conditioned ergonomic designed operator's cabin
- Dredge valve in discharge pipe
- Flowmeter

## OWNER

Government of Tunisia

**DAMEN**



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# DAMEN

DAMEN DREDGING EQUIPMENT

Member of the DAMEN SHIPYARDS GROUP



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