



# DAMEN CUTTER SUCTION DREDGER 350

Picture of similar vessel

## GENERAL

YARD NO.	B140136 / YN561311
TYPE	CSD350
DELIVERY DATE	April, 2014
BASIC FUNCTIONS	Maintenance dredging

## DREDGING FEATURES

DREDGING DEPTH	-9 m
MAX. SWING WIDTH	26.4 m
MIXTURE CAPACITY	2000 m <sup>3</sup> /h

## DREDGE INSTALLATION

DREDGE PUMP TYPE	BP3530MD
DIAM. SUCTION/DISCHARGE PIPE	350/350
CUTTER TYPE	5-1150 (with changeable chisels)
CUTTER POWER	55 kW

## ENGINE INSTALLATION

DREDGE PUMP MAIN DIESEL	Caterpillar C-18 TA
CONTINUOUS POWER RATING	447 kW @ 1800 rpm
HYDRAULIC INSTALLATION	Driving cutter, winches and spuds
ELECTRICAL INSTALLATION	24 Volt DC

## PRINCIPAL DIMENSIONS

LENGTH O.A. INCL. LADDER	26.0 m
LENGTH OVER PONTOON	16.5 m
BEAM	6.0 m
DRAUGHT	0.8 m
AIR DRAUGHT	4,70 m
TOTAL WEIGHT	55 ton

## TANK CAPACITIES

FUEL OIL APPROX.	8.40 m <sup>3</sup>
BALLAST WATER (FORE AND AFT)	3.15 m <sup>3</sup> (4x)
HYDRAULIC OIL	1.00 m <sup>3</sup>

## DECK MACHINERY

LADDER WINCH	hydraulic, 50 kN, 0-15 m/min
SWING WINCHES (2X)	hydraulic, 50 kN, 0-15 m/min
SPUDS (2X)	Ø 406.4 mm, length 12.70 m
SPUD HOISTING (2X)	Hydraulic cylinder, stroke 1250 mm

## INSTRUMENTATION

- Dredging depth indicator
- Vacuum and pressure indication of dredge pump

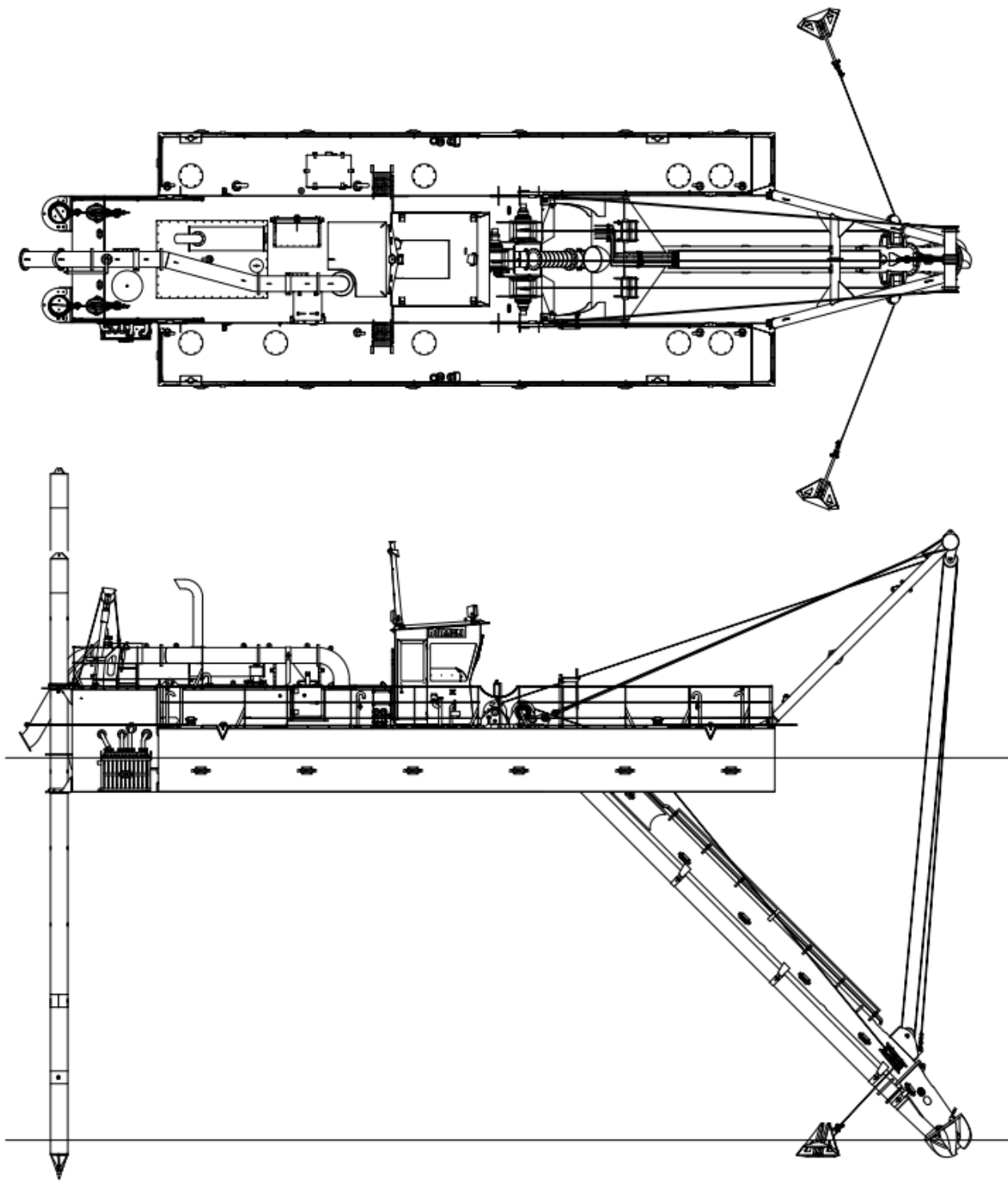
## REMARKABLE STANDARD FEATURES

- Dismountable design
- Heavy duty robust design
- Simultaneous operation of all functions possible
- Spacious ergonomic designed control cabin and engine room

## OWNER

BUILD AT: Damen Dredging Equipment, Nijkerk, The Netherlands

**DAMEN**



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**DAMEN**

DAMEN DREDGING EQUIPMENT

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