



DOP DREDGER 250

PICTURE OF SIMILAR VESSEL

GENERAL

Type	DD 250
Basic functions	Capital mining and maintenance dredging

DREDGING FEATURES

Max. dredging depth	-30m
Max. mixture capacity	1,250 m ³ /h
Max. total head	5.3 bar

DREDGE INSTALLATION

Dredge pump type	BP2525MD
Max. power at pump shaft	195 kW
Diameter suction/discharge pipe	250 mm
Spherical passage pump	130 mm
Cutter type	Crown model (with serrated edge)
Cutter power	28 kW
Cutter diameter	910 mm

HYDRAULIC POWER PACK

Hydraulic flow max.	630 L/min
Hydraulic pressure max.	275 bar
Hydraulic installation	Driving DOP250, cutter and winches

PRINCIPAL DIMENSIONS

Length o.a.	45.00 m
Length over pontoons	36.90 m
Beam o.a.	7.35 m
Depth	1.80 m
Draught	1.30 m
Air draught	5.90 m
Total weight	71 tons

TANK CAPACITIES

Fuel oil approx.	5.00 m ³
------------------	---------------------

DECK MACHINERY

Hoisting winch	Hydraulic, 50 kN, 0-15 m/min
Maneuvering winches (4x)	Hydraulic, 40 kN, 0-15 m/min

INSTRUMENTATION

Dredging depth indicator	
Vacuum and pressure indication of dredge pump	

REMARKABLE FEATURES

- Dismountable design which allows transport by road
- Spacious ergonomic designed control cabin
- One operator can control the entire dredger from the control cabin
- Transportable in standard Open Top Containers

DOP DREDGER 250



DAMEN

DAMEN SHIPYARDS GROUP

Avelingen-West 20
4202 MS Gorinchem
The Netherlands

P.O. Box 1
4200 AA Gorinchem
The Netherlands

phone +31 (0)183 63 99 22
fax +31 (0)183 63 21 89

info@damen.com
www.damen.com

© No part of the leaflet may be reproduced in any form, by print, photo print, microfilm, or any other means, without written permission from Damen Shipyards Group