



DOP DREDGER 350L

PICTURE OF SIMILAR VESSEL

GENERAL

Type	DD 350L
Basic functions	Capital mining and maintenance dredging

DREDGING FEATURES

Max. dredging depth	-31m
Max. mixture capacity	2,400 m ³ /h
Max. total head	3.2 bar

DREDGE INSTALLATION

Dredge pump type	BP3530LD
Max. power at pump shaft	240 kW
Diameter suction/discharge pipe	350 mm
Spherical passage pump	200 mm
Cutter type	Crown model (with serrated edge)
Cutter power	47 kW
Cutter diameter	1030 mm

HYDRAULIC POWER PACK

Hydraulic flow max.	738 L/min
Hydraulic pressure max.	275 bar
Hydraulic installation	Driving DOP350L, cutter and winches

PRINCIPAL DIMENSIONS

Length o.a.	46.30 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
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DECK MACHINERY

Hoisting winch	Hydraulic, 80 kN, 0-15 m/min
Maneuvering winches (4x)	Hydraulic, 50 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

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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

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