



DOP DREDGER 350

PICTURE OF SIMILAR VESSEL

GENERAL

Type	DD 350
Basic functions	Capital mining and maintenance dredging

DREDGING FEATURES

Max. dredging depth	-31m
Max. mixture capacity	2,400 m ³ /h
Max. total head	4.8 bar

DREDGE INSTALLATION

Dredge pump type	BP3530MD
Max. power at pump shaft	360 kW
Diameter suction/discharge pipe	350 mm
Spherical passage pump	150 mm
Cutter type	Crown model (with serrated edge)
Cutter power	47 kW
Cutter diameter	1030 mm

HYDRAULIC POWER PACK

Hydraulic flow max.	972 L/min
Hydraulic pressure max.	275 bar
Hydraulic installation	Driving DOP350, 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

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