



DOP DREDGER 200

PICTURE OF SIMILAR VESSEL

GENERAL

Type	DD 200
Basic functions	Capital mining and maintenance dredging

DREDGING FEATURES

Max. dredging depth	-29m
Max. mixture capacity	800 m ³ /h
Max. total head	5.0 bar

DREDGE INSTALLATION

Dredge pump type	BP2020MD
Max. power at pump shaft	120 kW
Diameter suction/discharge pipe	200 mm
Spherical passage pump	125 mm
Cutter type	Crown model (with serrated edge)
Cutter power	17 kW
Cutter diameter	700 mm

HYDRAULIC POWER PACK

Hydraulic flow max.	395 L/min
Hydraulic pressure max.	275 bar
Hydraulic installation	Driving DOP200, cutter and winches

PRINCIPAL DIMENSIONS

Length o.a.	44.30 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	73 tons

TANK CAPACITIES

Fuel oil approx.	5.00 m ³
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DECK MACHINERY

Hoisting winch	Hydraulic, 40 kN, 0-25 m/min
Maneuvering winches (4x)	Hydraulic, 20 kN, 0-25 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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