



# DOP DREDGER 200

**PICTURE OF SIMILAR VESSEL**

**GENERAL**

Type	DD 200
Basic functions	Capital mining and maintenance dredging

**DREDGING FEATURES**

Max. dredging depths	-50 m / -100 m
Max. mixture capacity	800 m <sup>3</sup> /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
Sand production head	Included with jet water nozzles

**JET WATER PACK**

Jet water pack capacity	180 m <sup>3</sup> /h
Jet water pack pressure	8 bar

**HYDRAULIC POWER PACK**

Hydraulic flow max.	396 L/min
Hydraulic pressure max.	275 bar
Hydraulic installation	Driving DOP200 and winches

**PRINCIPAL DIMENSIONS**

Length o.a.	15.00 m
Length over pontoons	11.70 m
Beam o.a.	7.35 m
Depth	1.80 m
Draught	1.30 m
Air draught	8.10 m
Total weight	34 tons

**TANK CAPACITIES**

Fuel oil approx.	5.00 m <sup>3</sup>
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**DECK MACHINERY**

Hoisting winch	Hydraulic, 40 kN, 0-25 m/min
Maneuvering winches (3x)	Hydraulic, 20 kN, 0-25 m/min

**INSTRUMENTATION**

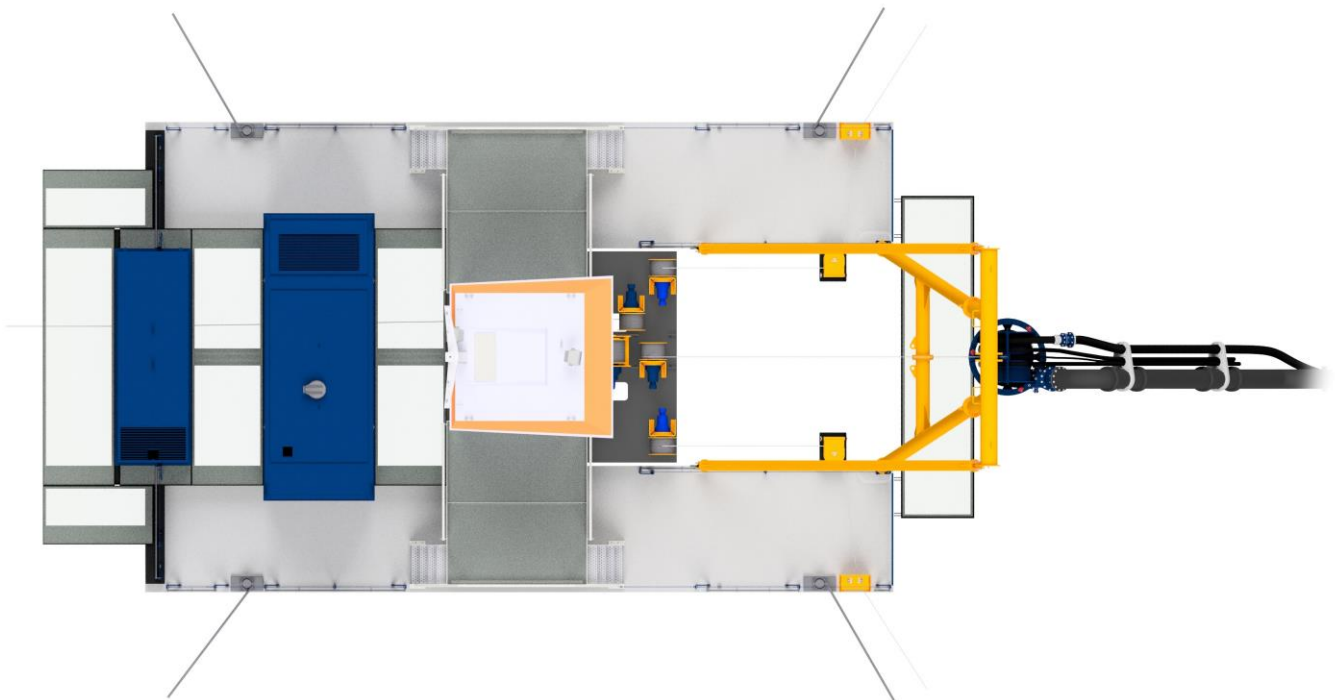
Dredging depth indicator	
Pressure indication of dredge pump	
RPM indication of dredge pump	

**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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