



# DOP DREDGER 200

**PICTURE OF SIMILAR VESSEL**

**GENERAL**

Type	DD 200
Basic functions	Capital mining and maintenance dredging

**DREDGING FEATURES**

Max. dredging depth	-14m
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
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.	24.40 m
Length over pontoons	17.50 m
Beam o.a.	7.35 m
Depth	1.80 m
Draught	1.30 m
Air draught	6.00 m
Total weight	50 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 (4x)	Hydraulic, 20 kN, 0-25 m/min

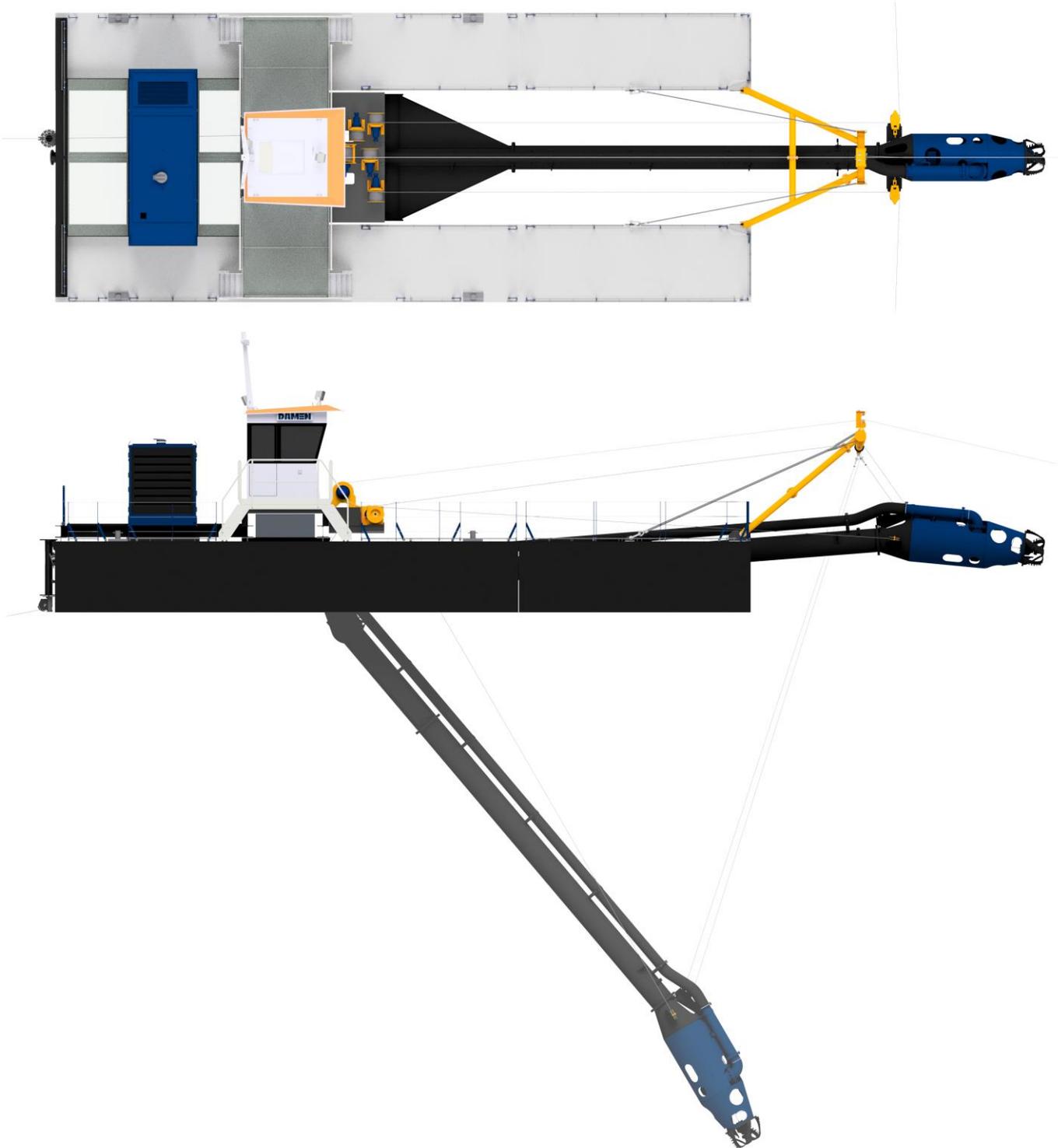
**INSTRUMENTATION**

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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