

DOP DREDGER 150

PICTURE OF SIMILAR VESSEL

GENERAL

Type	DD 150
Basic functions	Capital mining and maintenance dredging

DREDGING FEATURES

Max. dredging depth	-14m
Max. mixture capacity	600 m ³ /h
Max. total head	5.0 bar

DREDGE INSTALLATION

Dredge pump type	BP1515
Max. power at pump shaft	80 kW
Diameter suction/discharge pipe	150 mm
Spherical passage pump	77 mm
Cutter type	Crown model (with serrated edge)
Cutter power	13 kW
Cutter diameter	600 mm

HYDRAULIC POWER PACK

Hydraulic flow max.	252 L/min
Hydraulic pressure max.	275 bar
Hydraulic installation	Driving DOP150, cutter and winches

PRINCIPAL DIMENSIONS

Length o.a.	24.20 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	48 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

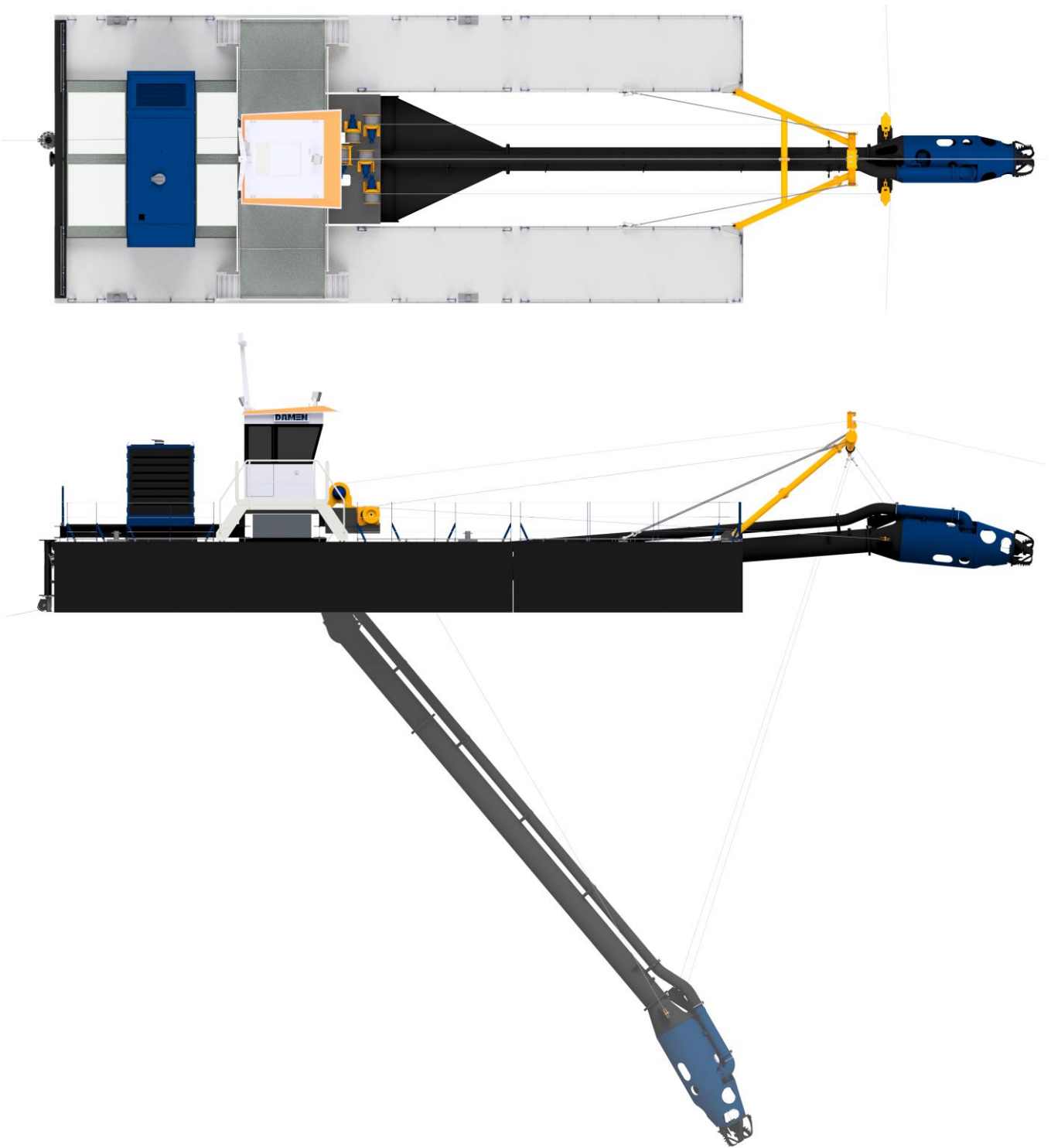
INSTRUMENTATION

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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