

# DOP DREDGER 150

## PICTURE OF SIMILAR VESSEL

### GENERAL

Type	DD 150
Basic functions	Capital mining and maintenance dredging

### DREDGING FEATURES

Max. dredging depth	-19m
Max. mixture capacity	600 m <sup>3</sup> /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.	30.80 m
Length over pontoons	23.40 m
Beam o.a.	7.35 m
Depth	1.80 m
Draught	1.30 m
Air draught	5.90 m
Total weight	63 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

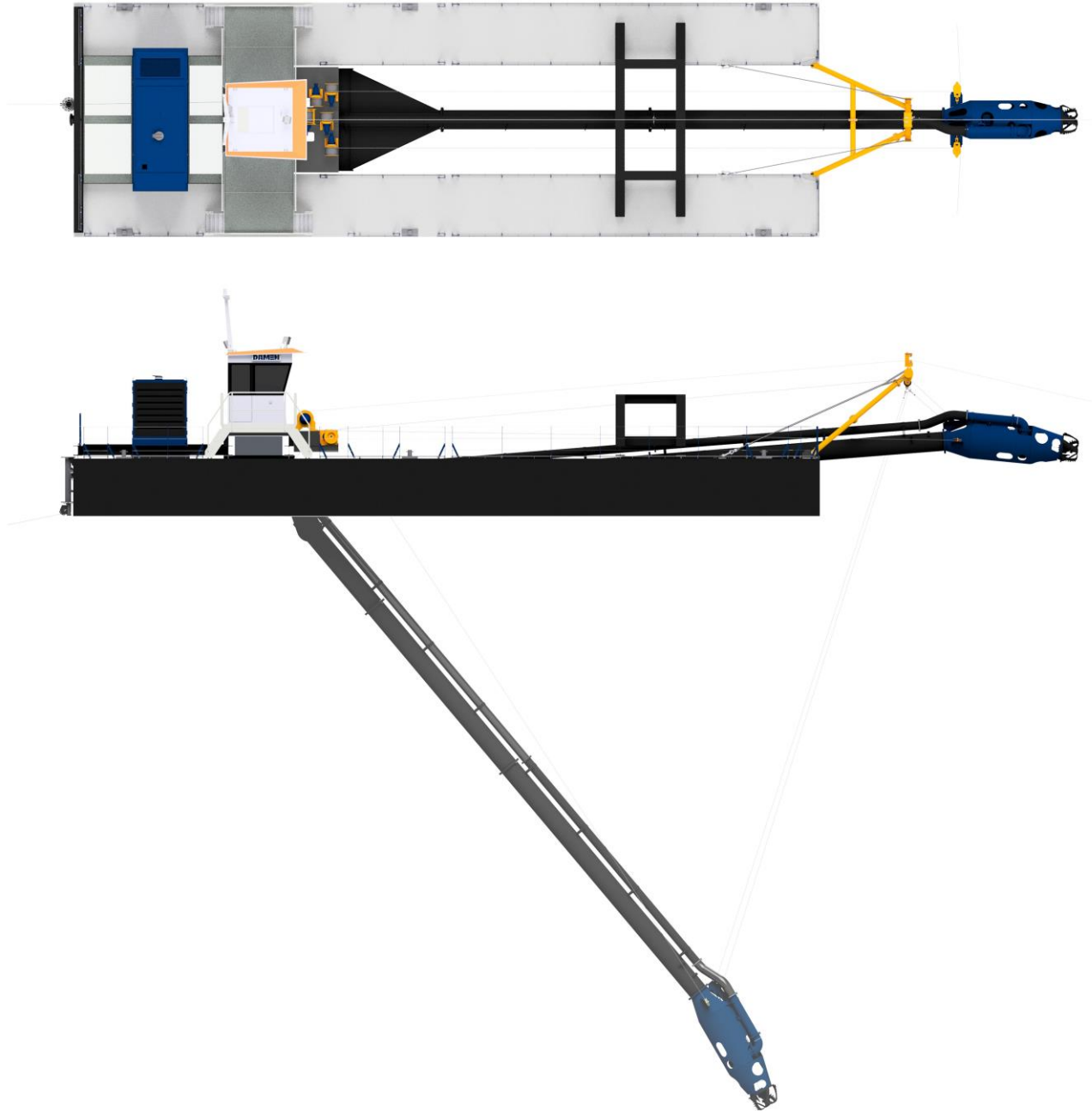
### INSTRUMENTATION

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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