

DOP DREDGER 150

PICTURE OF SIMILAR VESSEL

GENERAL

Type	DD 150
Basic functions	Capital mining and maintenance dredging

DREDGING FEATURES

Max. dredging depths	-50 m / -100 m
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
Sand production head	Included with jet water nozzles

JET WATER PACK

Jet water pack capacity	125 m ³ /h
Jet water pack pressure	8 bar

HYDRAULIC POWER PACK

Hydraulic flow max.	252 L/min
Hydraulic pressure max.	275 bar
Hydraulic installation	Driving DOP150 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	32 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 (3x)	Hydraulic, 20 kN, 0-25 m/min

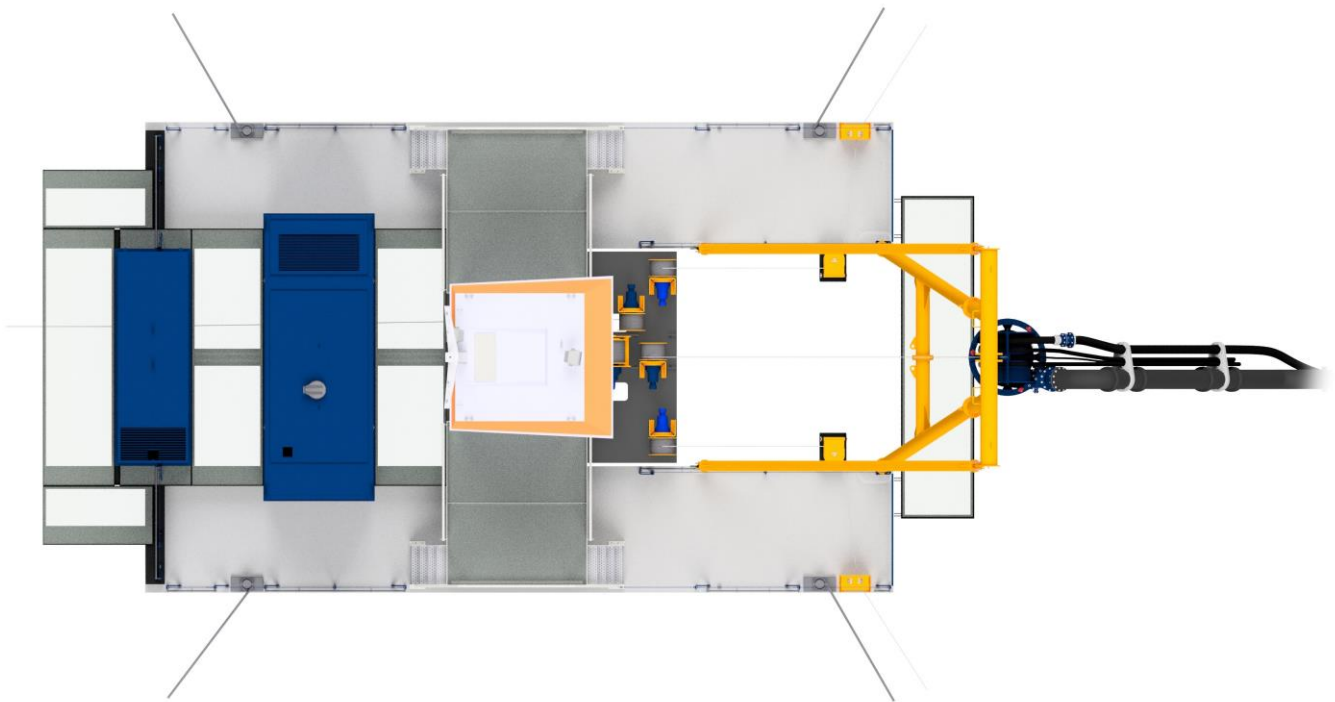
INSTRUMENTATION

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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DAMEN

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