

DOP DREDGER 350

PICTURE OF SIMILAR VESSEL

GENERAL

Type DD 350

Basic functions Capital mining and maintenance

dredging

DREDGING FEATURES

 $\begin{array}{ll} \text{Max. dredging depths} & -50 \text{ m}\,/\,\text{-100 m} \\ \text{Max. mixture capacity} & 2,400 \text{ m}^3\text{/h} \\ \text{Max. total head} & 4.8 \text{ bar} \end{array}$

DREDGE INSTALLATION

Dredge pump type BP3530MD
Max. power at pump shaft 360 kW
Diameter suction/discharge pipe 350 mm
Spherical passage pump 150 mm

Sand production head Included with jet water nozzles

JET WATER PACK

Jet water pack capacity 600 m³/h Jet water pack pressure 8 bar

HYDRAULIC POWER PACK

Hydraulic flow max. 972 L/min Hydraulic pressure max. 275 bar

Hydraulic installation Driving DOP350 and winches

PRINCIPAL DIMENSIONS

 Length o.a.
 21.00 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
 50 tons

TANK CAPACITIES

Fuel oil approx. 5.00 m³

DECK MACHINERY

Hoisting winch
Hydraulic, 80 kN, 0-15 m/min
Maneuvering winches (3x)
Hydraulic, 50 kN, 0-15 m/min

INSTRUMENTATION

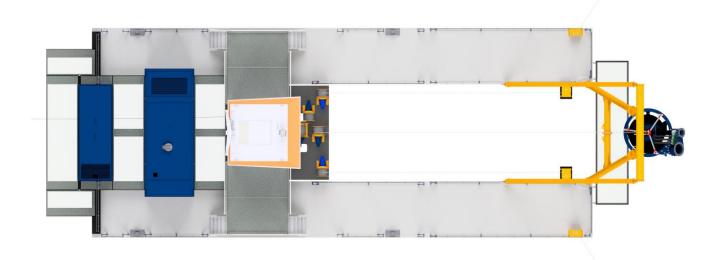
Dredging depth indicator Pressure indication of dredge pump RPM indication of dredge pump

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



DOP DREDGER 350







DAMEN SHIPYARDS GROUP