

Cutter Suction Dredger 350



GENERAL

Type	CSD 350
Basic functions	Capital, mining and maintenance dredging

DREDGING FEATURES

Max. dredging depth	9
Swing width	27 m (at max. depth.)

DREDGE INSTALLATION

Dredge pump type	Damen BP3530MD
Diameter dredge pipe	350 mm
Spherical passage pump	150 mm
Cutter type	Crown model (changeable cutter teeth)
Cutter power	55 kW
Cutter diameter	1150 mm

ENGINE INSTALLATION

Diesel engine	CAT C18 TA
Continuous power rating	447 kW
Emission Certification	IMO TIER II
Hydraulic installation	Driving cutter, winches and cylinders
Electrical installation	24 V DC

PRINCIPAL DIMENSIONS

Overall length	26	m
Length hull	16.5	m
Overall width	6.00	m
Depth	1.5	m
Draught	0.8	m
Air draught	4.7	m
Total weight	55	Ton

TANK CAPACITIES

Fuel oil approx.	8.4	m ³
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DECK MACHINERY

Ladder hoisting winch	Hydraulic, 50 kN, 0-15 m/min
Side wire winches (2x)	Hydraulic, 50 kN, 0-15 m/min
Spuds diameter (2x)	406 mm
Spud hosting (2x)	Hydraulic cylinder, stroke 1250 mm

DIGITAL INSTRUMENTATION

Dredging depth indicator
Vacuum and pressure sensors dredge pump

MAIN FEATURES

Dismountable design which allows transport by road
Spacious ergonomic designed control cabin and engine room
One operator can control the entire dredger from the control cabin

AVAILABLE OPTIONS

Increase of cutter depth to 10 m
Production measurement system
Position visualisation system
Navigation lights package
Communication package
Spud carriage installation
Anchor boom installation
Deck crane
Control cabin with air conditioning and heating
More options are available on request

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