

## DAMEN CUTTER SUCTION DREDGER 250

Type	DAMEN Cutter Suction Dredger 250	
Suitable for	Capital mining and maintenance dredging	
Dredging features	Max. dredging depth	- 6 mtrs
	Swing width	19.1 mtrs (at max. dredging depth)
	Max. mixture capacity	1.000 m <sup>3</sup> /hr
Dredge installation	Dredge pump type	BP2525MD
	Diam. suction/disch. pipe	250/250 mm
	Cutter type	Crown model (with changeable chisels)
	Cutter power	40 kW
	Spherical passage pump	130 mm
	Cutter diameter	950 mm
Engine installation	Dredge pump diesel	Caterpillar C12 TA
	Continuous power rating	254 kW at 1800 rpm
	Hydraulic installation	Driving cutter, winches and cylinders
	Electrical installation	24 V DC
Principal dimensions	Length o.a. incl. ladder	19.00 mtrs
	Length over pontoons	11.50 mtrs
	Beam o.a.	4.20 mtrs
	Depth	1.50 mtrs
	Draught	0.90 mtrs
	Air draught	3.60 mtrs
	Total weight	30 tons
Tank capacities	Fuel oil ±	6.00 m <sup>3</sup>
	Ballast water	4.50 m <sup>3</sup>
	Hydraulic oil	0.60 m <sup>3</sup>
Deck machinery	Ladder hoisting	Hydraulic cylinder stroke 0.8 m
	Side wire winches (2x)	Hydraulic, 40 kN, 0-15 m/min.
	Spuds (2x)	Ø273 mm, length 9 mtrs
	Spud hoisting (2x)	Hydraulic cylinder, stroke 1 mtr
Instrumentation	Dredging depth indicator	
Remarkable features	Vacuum and pressure indication of dredge pump	
	Dismountable design	
	Heavy duty robust design	
	Simultaneous operation of all functions possible	
	Spacious ergonomic designed control cabin and engine room	
	One operator can control the entire dredger from the control cabin	
Position	Transportable in three 40" Open Top Containers	
	Large range of standard options are available to customize the CSD	
	The Netherlands	





