

# EQUIPMENT SHEET

## WATERWAY

TRAILING SUCTION HOPPER DREDGER



### CONSTRUCTION / CLASSIFICATION

Built by	Merwede Shipyard
Year of construction	2001
Classification	I ✕ HULL ✕ MACH ✕ AUT-UMS Hopper dredger. Dredging within 15 miles from shore or within 20 miles from port. Dredging over 15 miles from shore with H.S. <= 2.5 m. Unrestricted navigation.

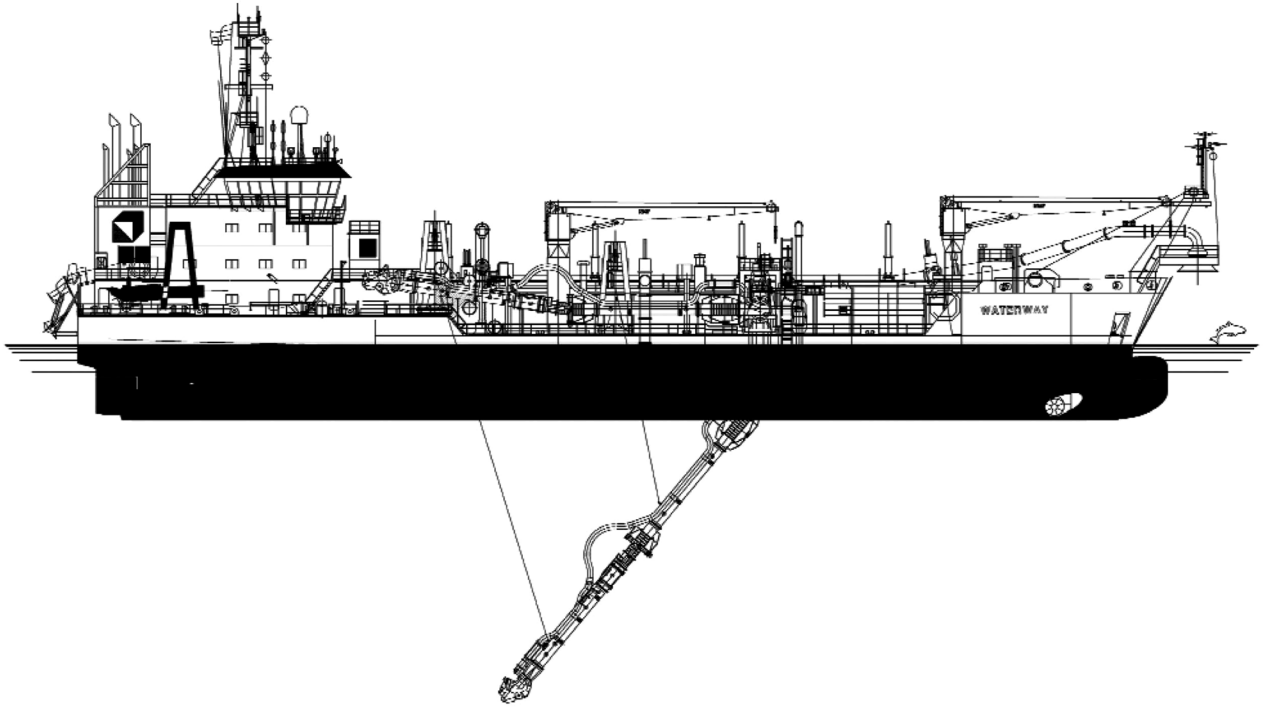
### FEATURES

Shallow draught and large loading capacity.

Awarded "Ship of the year 2002": the most technically-innovative vessel built.

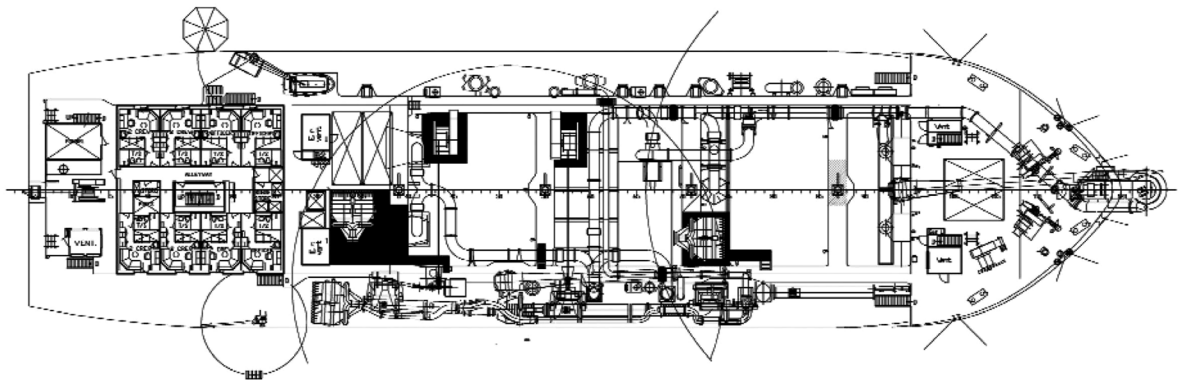
### MAIN DATA

Gross tonnage	5,393 GT
Length overall	97.70 m
Breadth	23.00 m
Moulded depth	7.00 m
Max. draught empty	4.04 m
Max. draught Int. load line	5.72 m
Max. draught dredging load line	6.58 m
Carrying capacity (D.W.)	7,192 t
Hopper capacity	4,906 m <sup>3</sup>
Suction pipe diameter	1 x 0.90 m
Max. dredging depth	28.00 m
Discharge systems	4 bottom doors/pump ashore/rainbow installation
Sailing speed loaded	12.5 kn
Total installed power	6,365 kW
Sand pump output	1,500 kW
Jet pump output	1,500 kW
Pump ashore output	2,760 kW
Propulsion power sailing	4,000 kW
Bow thruster	500 kW



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**SIDE VIEW**



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**TOP VIEW DECK LEVEL**