

EQUIPMENT SHEET

ORANJE
TRAILING SUCTION HOPPER DREDGER



CONSTRUCTION/CLASSIFICATION

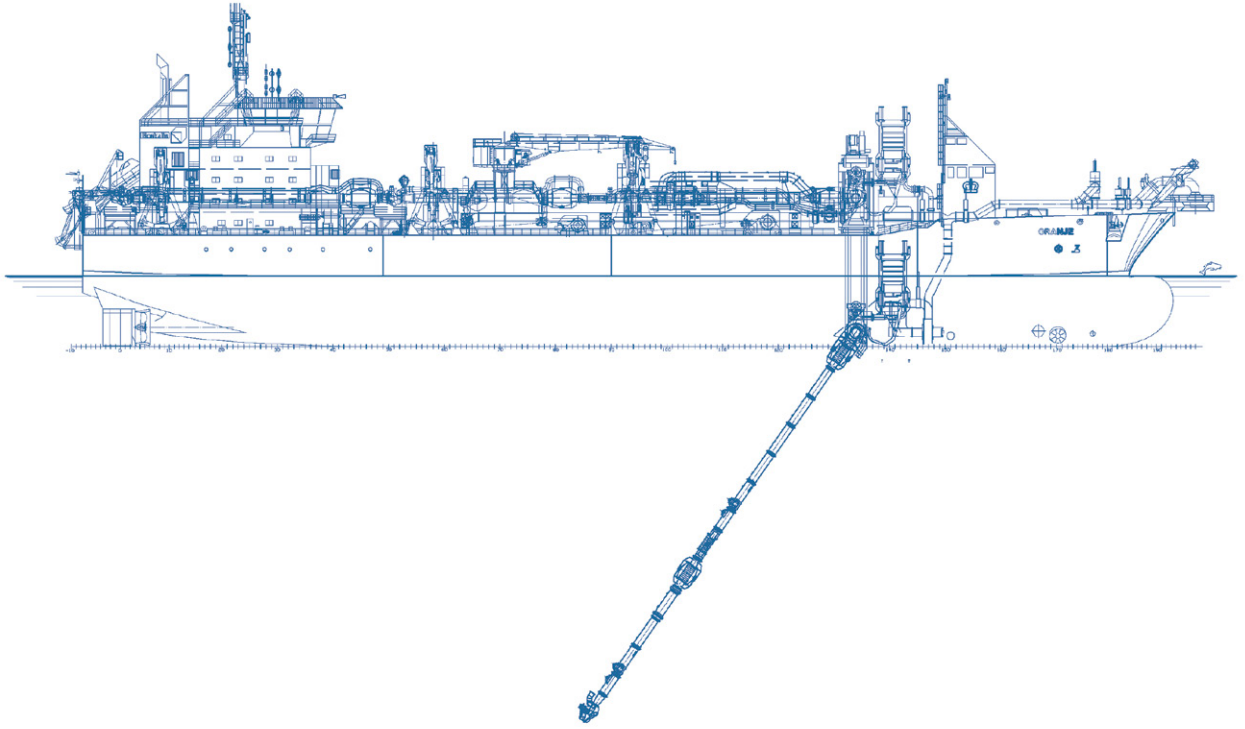
Built by	Merwede Shipyard
Year of construction	2004
Classification	B.V. I ✕ HULL ✕ MACH ✕ AUT-UMS, hopper dredger, unrestricted navigation, dredging over 15 miles from shore, MON-SHAFT.

FEATURES

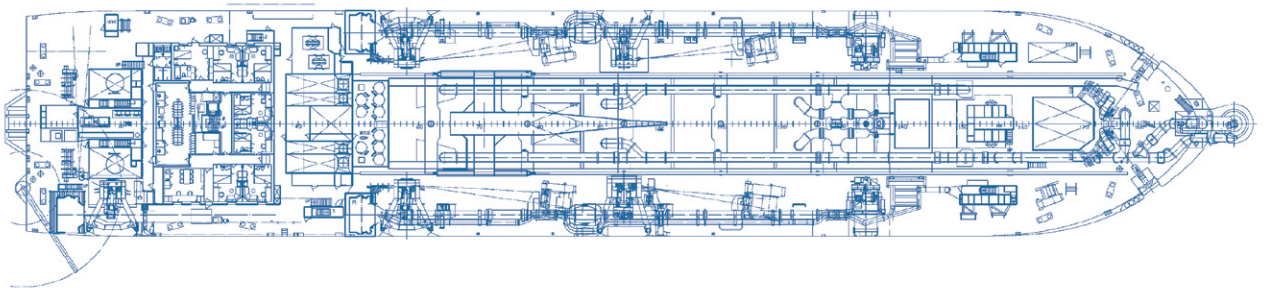
Long suction pipe with underwater pump.
5 gravity-gantries.

MAIN DATA

Gross tonnage	18,091
Length overall	156.00 m
Breadth	28.00 m
Moulded depth	15.00 m
Max. draught empty	4.63 m
Max. draught Int. load line	9.24 m
Max. draught dredging load line 1	12.02 m
Max. draught dredging load line 2	12.84 m
Carrying capacity (D.W.)	30,445 t
Hopper capacity	15,961 m ³
Suction pipe diameter	2 x 1.00 m
Max. dredging depth	90.0 m
Discharge systems	bottom doors/pump ashore/ rainbow installation
Sailing speed loaded	16.2 kn
Total installed power	19,500 kW
Sand pump output	5,000 kW
Jet pump output	3,000 kW
Pump ashore output	8,800 kW
Propulsion power sailing	14,000 kW
Bow thruster	1,400 kW



SIDE VIEW



TOP VIEW DECK LEVEL

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