

Prins der Nederlanden

Trailing suction hopper dredger



Features

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

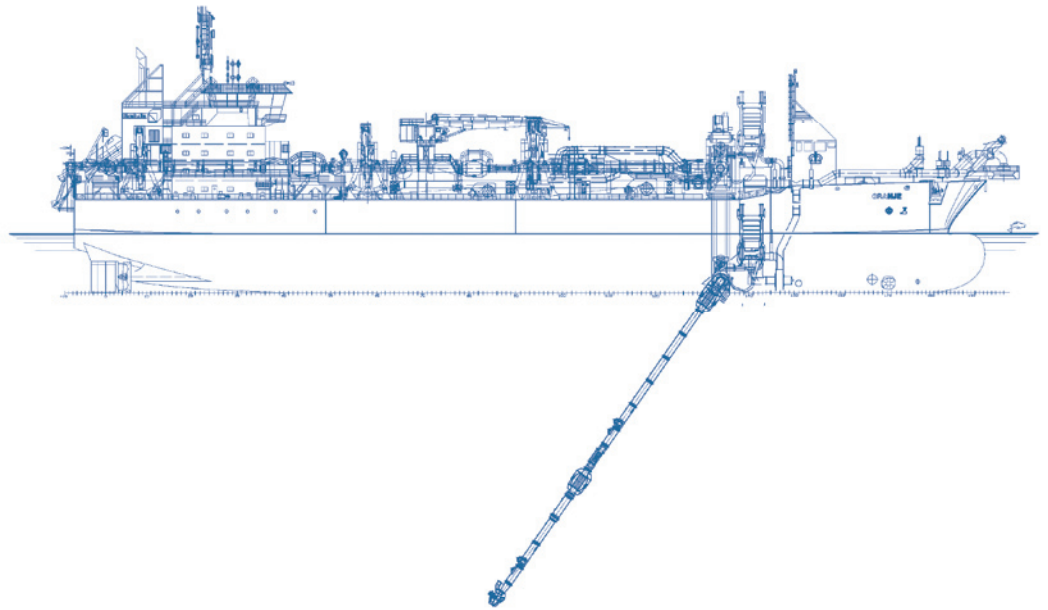
Main data

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.
Gross tonnage	18,091
Length overall	156.00 m
Breadth	28.00 m
Moulded depth	15.00 m
Maximum draught empty	4.63 m
Maximum draught international load line	9.24 m
Maximum draught dredging load line	12.02 m
Carrying capacity (D.W.)	27,236 tons
Hopper capacity	15,961 m ³
Suction pipe diameter	2 x 1.00 m
Maximum dredging depth	90.0 m
Discharge systems	bottom doors/pump ashore/rainbow installation
Sailing speed loaded	16.2 knots
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

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Side view



Top view deck level

