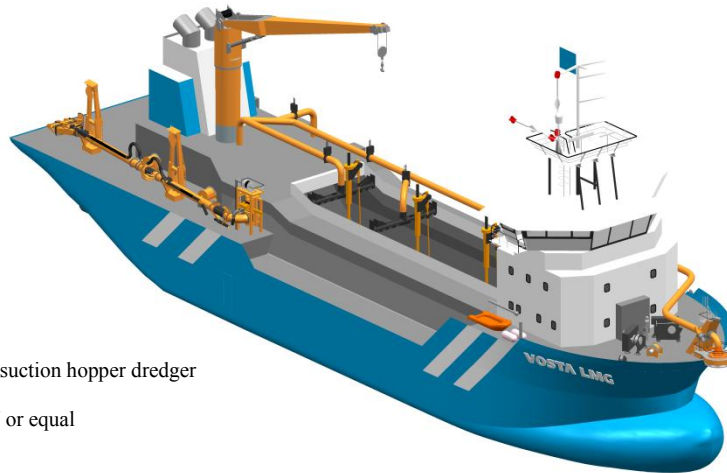


DATA SHEET TSHD 2500



General

Basic function Trailing suction hopper dredger

Classification GL / BV or equal

Main particulars

Length over all	77,1	m
Length betw. Perp.	68	m
Breadth, moulded	17	m
Draught, dredge mark	5.3	m
Deadweight, dredging	3,800	ton
Hopper capacity	2,500	m ³
Accommodation	12	Persons

Dredging Components

Trailing suction pipe	DN600	mm
Dredging depth	20	m
Overflow weir fixed		
Loading box		
Dredge pump white iron	VL 600	
Unloading system	3x double doors	

Deck and safety

Anchors & Mooring equip.		
Auxiliary crane	0,98	ton
Maintenance crane	9	ton

Electric System

Main generators	500	ekW
Control and monitoring system		

Machinery

Main diesel engines	2x 1,118	kW
Auxiliary diesel gen. set	340	ekW

Options:

- Suction pipe extension 25m Dd
- Degassing installation
- Additional loading box,
- Adjustable overflow,
- Light mixture,
- Jet water medium or high pressure,
- Active drag head
- Swell compensator
- Bow coupling / nozzle, self emptying channel,
- DP zero
- DCMS automation
- Cradle for spares
- Live boat
- Bow thruster
- Additional cranes; deck, engine/pump room
- Workshops,
- Additional accommodation
- Green passport,
- HFO-380cSt
- Tropical condition
- Cradle for spares
- Walkway below deck
- Water ballast treatment

The VOSTA LMG designs range from the cutter suction dredgers and trailing suction hopper dredgers to the custom built cutter dredgers and custom build trailing suction hopper dredgers. The design are based on the latest design philosophies. Formed by of practical experience with dredgers of different international and thorough knowledge of technological development. The hopper dredgers in several capacities are well equipped to operate in a wide range of coastal zones dredging several materials. The hopper range is specifically designed for maintenance and land reclamation work in deep as well shallow water areas. The dredgers payload is optimized for transport a high amount of dredged material.

Main features:

- Low price per cubic meter at a wide range of jobs
- Shallow water operation and speed in shallow water optimized
- Bulbous bow with low resistance and low wave generation in shallow water.
- Low vibration levels
- Compact vessel with optimal maneuverability
- High payload
- High efficiency dredge pump
- Approved dredge control and monitoring system

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