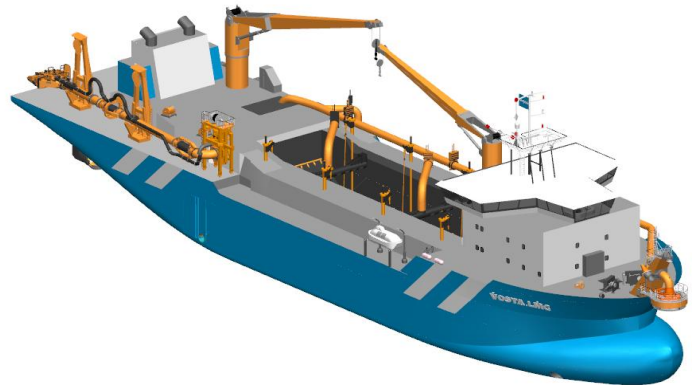


DATA SHEET TSHD 8000



General

Basic function Trailing suction hopper dredger

Classification GL / BV or equal

Main particulars

Length over all	113,1	m
Length betw. Perp.	96	m
Breadth, moulded	24	m
Draught, dredge mark	8,2	m
Deadweight, dredging	12,800	ton
Hopper capacity	8,000	m ³
Accommodation	16	Persons

Dredging Components

Trailing suction pipe	DN1000	mm
Dredging depth	30	m
Overflow weir fixed		
Loading box		
Dredge pump white iron	VL 1100	
Unloading system	2x row with 4x	

Deck and safety

Anchors & Mooring equip.		
Auxiliary crane	0,98	ton
Maintenance crane	20	ton

Electric System

Main generators	1300	ekW
Bow thruster	400	ekW
Control and monitoring system		

Machinery

Main diesel engines	2x 2,530	kW
Auxiliary diesel gen. set	550	ekW

Options:

- Suction pipe extension 35m 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
- Bow thruster
- Additional cranes; deck, engine/pump room
- Workshops,
- Additional accommodation
- Green passport,
- HFO-380cSt
- Tropical condition Package
- 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

DATA SHEET TSHD 8000

