



Easydredge[®] 700S (500m³) TSHD

Features

- Caterpillar diesel engines
- Dredge Control System[®]
- Frequency density measurement[®]
- Plumigator[®] overflow
- bow impulse system (for manoeuvring assistance)
- extra maintenance crane on fore deck
- discharge bottomdoors, no shore discharge and no rainbow functionality.

Dimensions

Length, overall, approx.:	49.4m
Length between perpendiculars:	47.5m
Breadth, moulded:	11.4m
Gross tonnage, approx.:	1.000GT
Hopper capacity:	500m ³
Complement (four double berth cabins):	14 pers

Draught

International mark, approx.:	3.50m
Dredging mark:	n.a.m

Deadweight

At dredging mark:	810 tons
-------------------	----------

Dredging installation

Dredging depth (max.):	15m
Suction tube diameter:	400mm
Draghead type:	IHC Excavating
Dredge pump:	HRLD 70-17-40 (3 blades)



Power and speed

Propulsion diesel engines:	2x339kW
Dredge pump diesel engine:	287kW
Jet pump diesel engine:	207kW
Loaded speed:	9 knots

Electrical installation

Main diesel generator sets:	2x150ekW
Emergency diesel generator set:	49ekW
Voltage (50Hz):	3x400V

Classification

Bureau Veritas I,  Hull  Hopper
Dredger - Unrestricted Navigation

Service and support

- My IHC Portal
- Royal IHC familiarization training
- Royal IHC superintendent technical services
- Royal IHC 24/7 support.

Optional extras

- Degassing system
- grab crane, instead of deck crane, with four point mooring
- ballast water treatment system
- advanced automation / navigation:
 - Eco Pump Controller system (EPC)
 - Tons of Dry solids System (TDS)
 - Dredge Track Presentation System (DTPS)
 - Electronic Charts (ECDIS)
- shore discharge and rainbow functionality
- vessel extension of 7.8m (hopper capacity 750m³)
- vessel XL extension of 15.6m (hopper capacity 1000m³)
- bow thruster, dedicated diesel engine of 207kW.

Optional service and support

- My IHC Portal:
 - Operations Monitoring (OM)
 - Integrated Planned Maintenance System (IPMS)
 - Condition monitoring (CB)
 - Online Spare Part Catalogue (OSPC)
- spare parts solutions
- training solutions
- consultancy solutions
- crewing solutions.

