



# SEABOATS

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## NEW BUILD - Trailing Suction Split Hopper Dredger 1500m<sup>3</sup>



### Listing ID - 520760

**Description** NEW BUILD - 1500m<sup>3</sup> Trailing Suction Split Hopper Dredger 1500m<sup>3</sup>

**Date Launched** BUILT TO ORDER

**Length** 77.70m

**Beam** 14.00m

**Draft** 4.80m

**Location** ex Shipyard, Spain

**Broker** John Kearns  
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**Price** POA

### General description

Type: Trailing Suction Split Hopper Dredger

Builder: Nodosa Shipyard, Spain.

Classification: Bureau Veritas Class I 3/3 E + Hull + Mach Hopper Dredger, Unrestricted Navigation

LOA: 77.70m

Length pp: 70.40m

Beam: 14.00m

Depth: 4.80m

Draught: 4.20m

Gross tonnage: 1450GT

### **Propeller – Generating Plant:**

Main Engine: 2x CAT 3512-HD, 2x 1450kW

Main Generators: Leroy Somer 2x 1540KVA

Propeller: 2x Azimut Schottel SRP1012CP

Auxiliary Engine: CAT C18, 1x492kW 1500rpm

Alternator: Leroy Somer 1x583 Kva, 400V-50Hz

Genset Port Service: CAT C4.4:86Kva, 400V-50Hz

### **Deck Machinery**

Crane: Guerra M380 24A5 2025kg to 13.6m of Radio

Winches: 2 Ibercisa hydraulic combined, Anchor/Mooring Winch Model, Man-H/32-S/250-80/1; 2

Ibercisa Hydraulic Mooring Winch Model Man –h/40/250-80/1

Rescue & Salvage: 1 Narwhal SV 420, 40HP

Radial David Rescue Boat: 1 Ferri, Serie 1872, TN 3919 Type: 0.9T at 4.4m

### **Efficiency and Capabilities**

Free Load Speed: 11.50 knots

Full Load Displacement (d=4,234m) 3500t

Full Load Capacity: 2400t

Hopper Volume: 1500m<sup>3</sup>

Fresh Water: 45m<sup>3</sup>

Oil: 15m<sup>3</sup>

Fuel (GO): 255m<sup>3</sup>

Other tanks: 25m<sup>3</sup>

Crew: 14 persons, 9 minimum

Autonomy: 8000 miles (85% MCR)

### **Handling and Manoeuvring**

Rudder: 2x Azimut Schottel SRP1012CP

Bow Thruster: 250kW (Hydraulic)

### **Dredging Equipment**

#### **IHC DN700 with Dredge Control System:**

Dredge pump Type HRLD 123-30-70, 965kW at 413rpm e-driven

Diam. Suction pipe 700mm, dredging 30m with draghead California type

2 Jetwater pumps 500kW e-driven

48 Jetwater nozzles

3 Gantries: Draghead, Intermediate, Trunnion

2x Swell compensator systems

3 winches: Slide flange, Intermediate winch, Drag head with grooved drum

9RR Gate valves & 2 launder doors

1 Telescopic overflow

2 Jetwater monitors

1 Bow connection

1 Rainbow nozzle

**Other Equipment**

7 Hydraulic Groups (5x75kW, 1x30kW, 2x11kW)

Hydraulic pumps

Navigation-Communication: Navigation area A3

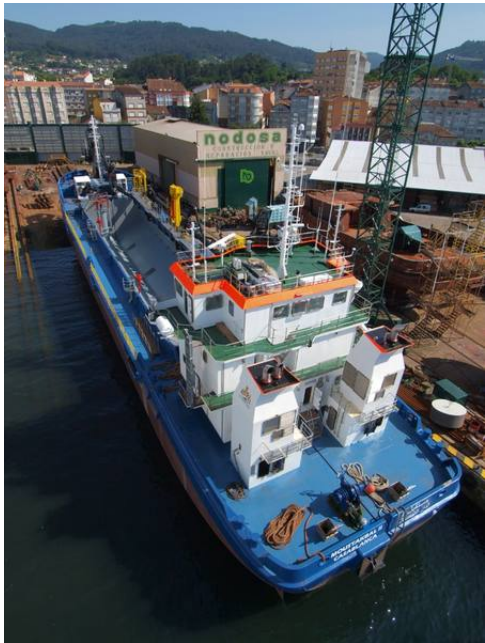
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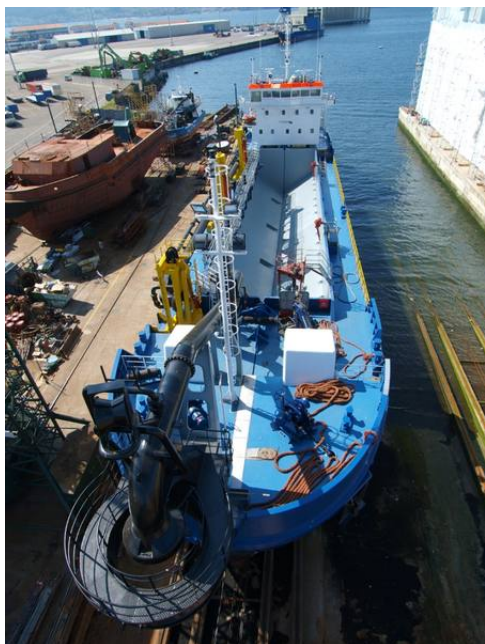


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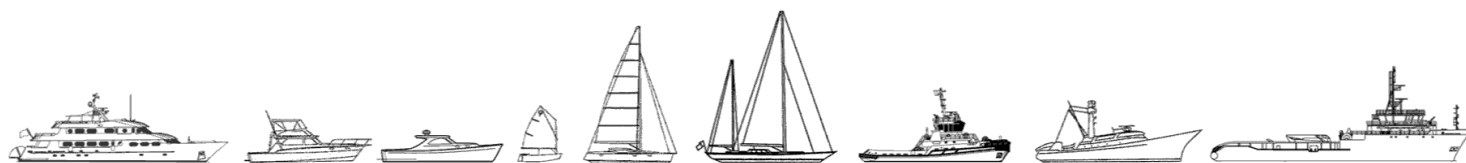








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