



# SEABOATS

MARINE BROKERS WITH A GLOBAL APPROACH

AUSTRALIA - BULGARIA - INDIA - INDONESIA - ITALY - MALAYSIA - NEW ZEALAND - PANAMA - PHILIPPINES - SINGAPORE - SPAIN - UK - USA - VENEZUELA - VIETNAM

[sales@seaboats.net](mailto:sales@seaboats.net)

[www.seaboats.net](http://www.seaboats.net)

## 5,500 m3 Trailing Suction Hopper Dredge



### Listing ID - 616626

**Description** 5,500 m3 Trailing Suction Hopper Dredge

**Date** 2008

**Launched**

**Length** 105.00m (344.48 ft)

**Beam** 19.00m (62.33 ft)

**Draft** 8.00m (26.24 ft)

**Location** China

**Broker** John Kearns  
[john.kearns@seaboatsbrokers.com](mailto:john.kearns@seaboatsbrokers.com)  
+64 21 400 805

**Price** POA

The vessel is a self-propelled 105m Trailing Suction Hopper Dredge, built in China 2008 to CCS classification. The hopper has a capacity of 5500 m3 and the vessel can dredge to a maximum depth of 27m, with a loading time of approximately 45 minutes when operating dual drag heads. Discharging by Rainbow, bottom door dumping or via the pump ashore connection. Powered by twin 2795kW Wuxi Marine Diesel engines giving a free running speed of 12 knots and 7 knots when loaded.

Accommodation for 30 crew.

Principal Particulars:

Class: CCS

Location: China

Built: 2008

LOA 105.00 m /344.48 ft

LBP 95.20m /312.33 ft  
Breadth moulded 19.00m /62.33 ft  
Depth, moulded 8.00m /26.24 ft  
Design draft 5.20m /17.06 ft  
Operating draft (under dredging condition) 7.24m /23.75 ft  
Deadweight at operating draft 7891.4 Tonnes  
Max dredging depth (below light draft) 27 m /88.58 ft  
Complement 30P  
Navigation speed 12kn  
Main propulsion engine (2)  
Model G8320ZC2B/3B 2795 Kw /3748 HP@ 600rpm  
Fuel:heavy oil

Diesel engine of dredge pump (2)  
Model G6300ZC7B 1125 Kw /1508 HP@ 500rpm  
Fuel:MDO

Diesel engine of high pressure jet pump (2)  
Model Z12V190BC900 Kw /1206 HP @ 1500rpm  
Fuel:MDO

Diesel engine of generator set (3)  
Model CCFJ396J-M10 400 Kw/536HP @ 1000rpm  
Fuel:MDO

Diesel engine of emergency generator set (1)  
Model CCFJ120Y 120 Kw /160 HP @ 1500rpm  
Fuel:MDO

Dredge Pump Capacity  
Type: centrifugal type with single pump case  
Capacity: 10000 m3/h  
Head: 30 m 98 ft  
Shaft power: 1360 Kw 1823.79 HP  
High Pressure Jet Water Pump(2)  
Capacity 2000 m3/h  
Total head 100 m 328 ft  
Shaft power 680 Kw 911.89 HP  
Design Loading Capacity  
Mud loading capacity 7150t  
Light diesel oil 230t  
Heavy oil 310t (max446.1t)  
Lubricating oil 15t (max72t)  
Fresh water 150t  
Supply and stores 20t  
Crew and baggage 5t  
Food 3.4t  
Slop 8t  
Total 7891.4t  
Dredging Performance

Max dredging depth 27.0m

Loading time

The loading time is approximately 45min

Throwing mud time

The throwing mud time is not more than 5min using high pressure jet water.

Max hopper capacity:5500m<sup>3</sup>

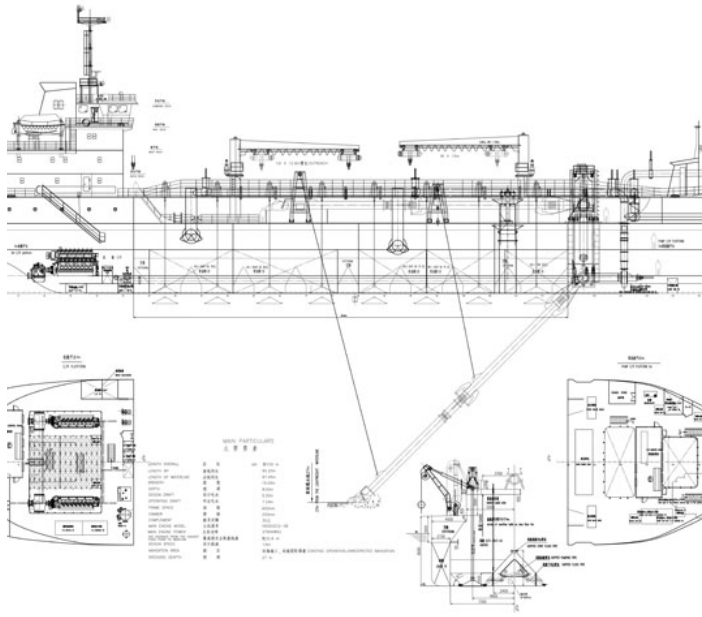


009.jpg

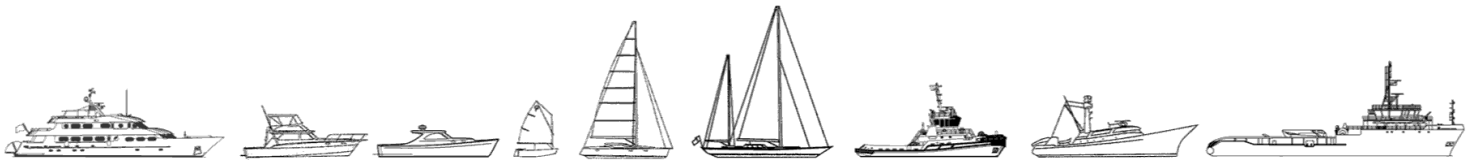








The details of all vessels are offered in good faith but we cannot guarantee or warrant the accuracy of this information nor warrant the condition of the vessel. Any buyer should instruct their agents, or their surveyors, to investigate such details as the buyer desires validated. This vessel is offered subject to sale, price change, location or withdrawal without notice.



AUSTRALIA - BULGARIA - INDIA - INDONESIA - ITALY - MALAYSIA - NEW ZEALAND - PANAMA - PHILIPPINES - SINGAPORE - SPAIN - UK - USA - VENEZUELA - VIETNAM