

## 7000 CBM TRAILING SUCTION HOPPER DREDGER



### Broker Info

Name: Ship SNP  
First Name: Ship SNP  
Phone: +86-13816531099  
Address: Shanghai, China

### Listing details

Title: 7000 CBM TRAILING SUCTION HOPPER  
DREDGER  
Ref No: RF134469  
Price: 1.00  
Built: 2008  
Flag: CHINA  
Model: TRAILING SUCTION HOPPER DREDGER  
Condition:  
Country:

### Additional information

#### Description:

7000 CBM TRAILING SUCTION HOPPER DREDGER  
BUILT: 2008, CHINA  
CLASS: ZC  
LOA / B / D: 110.00 / 20.80 / 8.50M  
DESIGN DRAFT: 6.30M  
DREDGING DRAFT: 7.50M  
DEAD WEIGHT: 9800T  
HOPPER CAPACITY: 7000M3  
MAX DREDGING DEPTH: 30M(DRAG ARM AT45°)  
DESIGN SPEED: 11KNOTS  
SERVICE AREA: COASTAL  
COMPLEMENT: 35P

DREDGING PURPOSE: HARBOR/WATERWAY DREDGING, LAND RECLAMATION

#### MACHINERY

##### PROPULSION SYSTEM

DIESEL ENGINE: GN3820ZC6B/7B, 3088KW\*2 SETS

GEAR BOX: GWC60/66

HIGH ELASTIC COUPLING: HGT8020

##### GENERATOR SETS

DIESEL ENGINE: 450KW@1500RPM (WEI-FANG DIESEL FACTORY)

GENERATORS: IFC5504-8TA, 400KW X 3 SETS

EMERGENCY GENERATOR: TFHX-90, 90KW X 1 SET

##### DIESEL ENGINE SET FOR H.P. JET WATER PUMP

ENGINE: XC8200ZC, 928KW X 2SETS

JET WATER PUMP

MODEL: 20CSH-6

RATING: 860KW

FLOW RATE: 2500M3/HR

LIFT: 92M

##### DIESEL ENGINE SET FOR DREDGE PUMP

ENGINE: G8300ZC, 1765KW\*2 SETS

GEAR BOX: INPUT 1765KW@528RPM

##### ELECTRICAL SYSTEM

POWER SYSTEM: AC380V 50HZ 3 PHASE-3 LINES SYSTEM

ELECTRIC MOTOR FOR SUBMERGED DREDGE PUMP: 690V AC 50HZ

LIGHTS AND SMALL MOTORS: 220V AC 50HZ, ONE PHASE-2 LINES

##### DREDGING SYSTEM

HOPPER CAPACITY: 7000M3

DENSITY OF HOPPER LOAD: 1.4T/M3

HOPPER LOAD: 9800T

DREDGING SPEED: 2KN/HR

MAX DREDGING DEPTH: 30M

OBJECT TO BE DREDGED: SILT, MUD, SANDY CLAY, SAND, PEDDLES

LOADING TIME: 42-63 MINUTES

DUMPING TIME: < 5 MINUTES

EXTRACTING HOPPER TIME: 85 MINUTES

RAINBOW DISTANCE: 50M

PUMPING DISTANCE: 2 KM

REMARK

THIS TSHD CAN BE OPERATED THE DREDGING WORK WITH TWO SUBMERGED PUMPS AND TWO INBOARD PUMPS IN SERIES OR WITH INBOARD PUMP INDEPENDENTLY. THE DREDGER IS DESIGNED AND FULLY EQUIPPED FOR HOPPER EXTRACTION AND SHORE DISCHARGING PROCESS, SUITABLE FOR HARBOR AND WATERWAY DREDGING AND FOR LAND RECLAMATION PROJECT.

DELIVERY TIME: PROMPT

DELIVERY PLACE: CHINA PORT

Posted:

12 years ago

