

**M/V DE KUN  
8000BHP AHTS**



<b>REGISTRATION</b>	
Flag:	China
Home Port:	Guangzhou, China
Builder:	Shanghai Dong Hai Shipyard, Shanghai, China
Year Built:	Mar-01
Classification	* CSA 5/5 Tug, Offshore Supply Ship, Rescue Ship, Fire Fighting I, Ice Class B
Inmarsat-C Number:	
Sailing Area:	World-wide
<b>DIMENSIONS</b>	
Length Overall:	65.60 M
Breadth Moulded:	14.00 M
Depth Moulded:	6.90 M
Draught Loaded (Full):	5.30 M
<b>TONNAGE</b>	
Gross Tonnage:	1720 Tons
Net Tonnage:	516 Tons
Dead Weight:	1204.08 Tons
<b>DECK CAPACITIES</b>	
Deck Area (Clear):	345 M <sup>2</sup> (31.8 x 11.0 m)
Deck Cargo:	500 M/T
Deck Strength:	5 T/M <sup>2</sup>

<b>DECK EQUIPMENT</b>	
Anchor:	2 x Stockless Anchors 2100KG, 1 x spare anchor
Anchor Chain:	Dia. 36mm x 547.56 m x 2
Windlass:	2 x 8 tons Hydraulic, KITAGAWA KOGYO
Tugger winch:	2 x 12 tons each, KITAGAWA KOGYO
Capstan:	2 x 12 tons each, KITAGAWA KOGYO
Hyd. Crane	1 x 3.7 tons/13.5M
Joystick:	Lipstick
<b>TANK CAPACITY</b>	
P. Water:	353.6 M <sup>3</sup>
D. Water:	410.9 M <sup>3</sup>
Fuel:	660.94 M <sup>3</sup>
Bulk:	Total: 168 M <sup>3</sup> in 4 tanks
Mud Tank:	268.8 M <sup>3</sup>
<b>TRANSFER RATES</b>	
P. Water:	100 MT/hr at 8m head
D. Water:	100 MT/hr at 8m head
Fuel Oil:	94 MT/hr at 8m head
Bulk:	50 MT/hr at 16m head
Liquid Mud:	70 MT/hr at 8m head
<b>MACHINERY</b>	
Main Engine:	DEUTZ TBD645L6 2 x 3940 BHP Total: 7880 BHP
Bollard Pull:	Max. 91T
Propeller:	Lips 2 CPP Propellers Twin Rudders
Generator:	TBD 616V8, 2 sets 370KW x 750 rpm/min
Shaft Generator:	Semens-TFC2, 2 sets 800KW x 800 rpm/min
Thrusters:	1 Bow Thrusters KAWASAKI KT88B 8T x 775BHP 1 Stern Thruster KAWASAKI KT55B 6.1T x 530 BHP
<b>SPEED &amp; CONSUMPTION</b>	
Maximum:	16 Knots, 26 Tons/24 hrs
Economical:	14 Knots, 21 Tons/24 hrs
Standby:	11 Tons/24 hours
<b>TOWING/ANCHOR HANDLING</b>	
Winch:	KITAGAWA Hydraulic 160T Waterfall double Drum
Tow Line:	Diam. 67MM x 1000M
Towing Brake:	Breaking 240 tons
Work wire:	1 x 612M (Dia.67mm). Two main tow wire can be used as the work wire if necessary.
Shark Jaw:	440 MT SWL, Wire Dia.50-85/Chain Dia.50-102mm
Towing Pins:	Yes

Stern Roller:	5400 M/M x Dia. 1800M/M
<b>NAVIGATION/COMMUNICATION</b>	
Gyro Compass:	Standard-20 Anschutz
Auto Pilot:	Raytheon 105105NG005
Echo Sounder:	SKIPPER ED-162
Radar:	2 x FURUNO FR2125
Log:	SSSRI MCDL-1
Inmarsat-C	FURUNO FELCOM 12
Satellite Navigator:	Yes
GPS:	FURUNO GP80 x 2
SSB Radio:	FURUNO FS-8000
Emergency Radio:	Yes
VHF:	2 x FURUNO FM-8500
MF/HF DSC terminal:	FURUNO DSC-60
Portable VHF:	
<b>SAFETY EQUIPMENT</b>	
Ring Buoy:	10
Life Jacket:	42
Life Raft:	6 x 15 persons
Life Boat:	2
Rescue Zones	on both port & starboard side.
<b>FIRE FIGHTING (FFI) CCs</b>	
Fire Pump Capacity:	2 x 1200 M <sup>3</sup> /hr
	120 Throw: 50 M Height with external drenching system
Monitors:	2 x 1200M <sup>3</sup> /hr Remote Control
Foam Monitor	1 x 16 M <sup>3</sup> /hr
Dispersant Tank	9.798 M <sup>3</sup>
<b>ACCOMMODATION</b>	
Crew Quarters:	20 berth
Passenger Berth:	16 berth
Total Berths:	36, All fully air-conditioned
Galley Capacity:	100 persons
<b>MISCELLANEOUS</b>	
Fitted with Poscon Electric Control System Joystick. Intergrated to main propellers, rudders, side-thrusters and gyro compass.	
Hose Connectors:	Fuel Oil 5 inches
	Potable Water 5 inches
	Drilling Water 5 inches
	Bulk 5 inches