



M.V CREST STAR 3- TOWING TUG AND FI-FI



Specifications

Towing Tug and Fi-Fi

General

Year Built	2009
Class	American Bureau of Shipping
Notation	A1, Towing Vessel, Fire Fighting Vessel Class 1, AMS
Port Of Registry	Singapore
Flag	Singapore
Place of Built	Shanghai Harbour Fuxing Shipping Service Company, China
Official Number	395186
IMO Number	9558878
Call Sign	9V8022
GRT	486 Tons
NRT	145 Tons
DWT	255 Tons

Principal Particulars

Length Overall	32.00 m
Breadth Moulded	11.60 m
Depth Moulded	5.36 m
Draft Maximum	5.28 m (USK)
Bollard Pull	60 ton (Ahead) & 55 ton (A stern)
Fuel Capacity	193.00 ton
Fresh Water	43.00 ton
Ballast Water	52.3 ton

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Plot No.39, Eastern Bypass,
Marine Base, P.O Box 12982,
Port Harcourt.

Head Office:
Office No.2505, 1st Lake Plaza,
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Free Running Speed	12.50 Knots
Accommodation	12 berths with fully air conditioned
Fuel Consumption	3.5 KL / 24 Hrs (at Harbour Operation) & 9.5 KL / 24 hrs @ sea
F.W Consumption	2 tons / day at Port and 4.7 ton/ day @ sea

Machinery And Equipment

Main Engines	2 x Yanmar 6EY26
Rating	2 x 2600 BHP @750 RPM = 5200 BHP
Auxiliary Engine	2 x Cummins 6CT8.3D(M)
Rating	2 x 125 KW (400 V, 3 ph, 50 Hz)
Z-Drive Propulsion	2 x KST-200ZC/B (CPP)

Deck & AUX. Equipment

Electric Hydraulic Windlass	Mentrade (2 Wildcat, 2 Wrapping Drum)
Stockless Bower	2 x 300 Kg (Hall Type)
Chain Cable	22mm diameter Grade 2, Manual cable stoper
Hawser Winch	Hydraulic, Electro-hydraulic pump set fully variable speed, Spooling gear.
Capacity of Drum	130m x 52 mm Dia.
Brake	80 ton
Line Pull	1.5 tonnes @ 60m/min
Control	Local and remote from wheelhouse
Tow Hook	70 ton SWL
Hydraulic Capstan	Variable Speed 0-15m/min, Rated 1.5 ton @ 10m/min

Pumps (Discharge Rate)

Fuel Oil	1 x 20 m3/hr @ 2 bar
Fresh Water	1 x 15 m3/hr @ 1.75 bar
Ballast Water	1 x 15 m3/hr @ 5 bar

Fire fighting & Life Saving Equipments

Fire Pump	1430 m3/hr @ 14 Bar (Hamworthy)
Fire Monitor	1200 m3/hr (Water) , 300 m3/ hr (Foam)
Water Spray System	As per ABS 2007, Pt.5, Ch.9, Sec.5/3 Table 1
Fire Detection and Alarm System	Numbers as per SOLAS and class requirement indicating at central display in wheelhouse.

Communication & Navigation Equipments:

Batteryless Telephone	1 shipset
Emergency call system	1 shipset
Talkback/ Public address system	1 shipset
INMARSAT C Ship security Alert Sys	1 unit
GMDSS for Area 3	2 unit
MF/HF Radio Telephone	1 unit
INMARSAT	1 unit
Navtex Receiver	1 unit
EPIRB	1 unit
SART	1 unit
AIS	1 unit
GMDSS Portable Transceiver	2 units
Echo Sounder	1 unit
Dropller Speed Log	1 unit
GPS	1 unit
Magnetic Compass	1 unit
Auto pilot/ Gyro Compass	1 unit

Life Saving Appliances and Others:

Life Raft	2 x 10 Person capacity
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Life Jackets	16 Adult sizes
Line Throwing apparatus	1 unit
Parachute Distress Rocket	Numbers as per SOLAS and class requirement
First Aid Kit	1 unit
Sewage Treatment plant	1 unit (cap: 12 men) Hamworthy
Oily Bilge Water Separator	1 unit (Cap: 0.5 m ³ / hr) @ 15 rpm

Details believed to be correct but not guaranteed. Owners reserve the right to amend specification without notice

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