

TUGBOATS

30.5 m x 41 TBP CONAN WU DESIGN

GENERAL		DIMENSIONS	
DESIGNER	Conan Wu & Associates PTE LTD./ SINGAPORE	LOA	30.50 m
BASIC FUNCTIONS	Towage, mooring, fire-fighting	BEAM	9.60 m
CLASS NOTATION	I HULL MACHINERY, Fi-Fi Ship 1, Unrestricted Navigation - Bureau Veritas -	DEPTH	4.38 m
ACCOMMODATION	12 men.	MAX. DRAFT	4.03 m
SHIPYARD	Torgem Shipyard. Istanbul-Tuzla	GRT	334
YEAR OF BUILT	2004	NRT	100
HULL NUMBER	073	BHP	3400
OFFICIAL NUMBER	751		
TYPE	ASD		

PERFORMANCE		CAPACITIES		PAINT SYSTEM	
BOLLARD PULL	41 tonnes	FUEL OIL	119 tonnes	JOTUN	
SPEED TRIALS	Approx. 12 knots	F.W	76 M/T		

MACHINERY	
MAIN ENGINES	2 x 1250 kW @ 1600 rpm DEUTZ four stroke marine diesel engines type TBD 620 V12 , in Vee - configuration
PROPELLER SYSTEM	2 x Schottel SRP 1010 CP Azimuth thrusters forward and aft control Stations at whellhouse.
GENERATOR	2 x 84 Kw CUMMINS 6 BT 5,9 DM, 380 V, 50 Hz, 3 Ph main marine diesel generator set.
FI-FI 1 SYSTEM	KV RNER Fi-Fi 1 system directly drive by main engines. Remote control panel at wheelhouse. Capacity of waterspray system is 300 cub. m.
AFT TOWING WINCH	Electro – Hydraulic, single drum, 90 tonnes break capacity (on the first layer). 20 tonnes at 0-6 m/ min. Wheelhouse remote control and local control.
FWD TOWING WINCH	Electro-hydraulic, single drum, 90 tonnes brake capacity (on the first And Combined layer). 20 tonnes at 0-5,6 m/min.
And Combined anchor windlass	Two declutchable chain lifters with Anchor Windlass band brake on the same shaft with drum. Wheelhouse remote - local control and escort operation.
REEL WINDER	One rope drum with capacity of 7,5 kW 380 V AC electrical motor.
TOWING HOOK	Working load 45 tonnes, test load 90 tonnes. Pneumatic release remote and local control.

AUXILIARY EQUIPMENTS	
Bilge Water Sys.	500 cub.m / hr capacity
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Bilge&Ballast Pump	40 cub.m / hr capacity
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Bilge&Ballast Pump	8 cub.m / hr capacity
Fuel Trf. Pump	10 cub.m / hr capacity.
Sewage Disc. Pump	10 cub.m / hr capacity.
Compressors	2 x 22.8 cub.m / hr capacity at 12 bar.
Air Cond. Unit	Approx. 80,000 BTU Cooling / Approx. 80,000 BTU Heating capacity at all accommodation compartment.
Searclight	2 x 1000 watt 220 V
Floodlight	2 x 1000 watt 220 V and 2 x 500 watt 220 V
Eng. Room Vent.	2 x approx.30.000 cub.m / hr capacity
Life Raft	2 x 16 persons
Rescue Boat	1 x 4.5 m, 15 bhp motor

Nav. & Comm. Eqp.	GMDSS Area A2 but easy to modified to Sea area A3
	Radar - JRC - JMA 3910-6
	GMDSS - JRC - JSB 196 GM
	GPS - JRC - J-NAV 500
	GMDSS InmarsatC - JRC - JUE 75 C
	GMDSS VHF - SAILOR - RT 4822
	Echo Sounder - JRC - FF 50
	Navtex - JRC - NCR 330
	Epirb - MC MURDO - 82 001A
	Autopilot - NAVITRON - NT 921
	Sart - MC MURDO -80 D130
	VHF - ICOM - M 402
	Magnetic Compass - LILLEY&GILLIE - SCH 146
	Batteryless Ph. Sys - ZENITEL - VSP
	Talk Back - ZENITEL - ETB – 5
	Telephone Central - KAREL - MS-48 4/8
	AIS - JOTRON - PR 2500

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