



CONAN WU 30M ASD TUG

GENERAL

HULL NAME	73
YARD NAME	Torgem Shipyard.
DELIVERY DATE	2004
DESIGN	Conan Wu & Associates
BASIC FUNCTIONS	Towing, pushing, mooring and fire-fighting operations
CLASSIFICATION	Bureau Veritas I ✕ HULL ✕ Machinery; Unrestricted Navigation; Fire-Fighting Ship 1
FLAG	CYPRUS
OWNER	Smit Lamnalco

DIMENSIONS

LENGTH O.A.	30,5 m
BEAM O.A.	9,60 m
DEPTH (MOULDED)	3,48 m
DRAUGHT (LOADED)	4,03 m
GROSS TONNAGE	334 ton
NET TONNAGE	100 ton

TANK CAPACITIES

FUEL OIL	119,0 m ³
FRESH WATER	76,0 m ³

PERFORMANCES

STATIC BOLLARD PULL	41,0 ton
SPEED	12 knots

PROPULSION SYSTEM

MAIN ENGINES	2 x DEUTZ TBD 620 V12
TOTAL POWER	1250 kW @ 1600 rpm
AZIMUTHING STERN DRIVE	2 x Schottel SRP 1010 CP

DECK EQUIPMENT

ANCHOR& TOWING WINCH	Electro-hydraulic, single drum, 90 tonnes brake capacity (on the first layer). 20 tonnes at 0-5,6 m/min. Two declutchable chain lifters with band brake on the same shaft with drum. Wheelhouse remote - local control and escort operation.
TOWING HOOK	Working load 45 tonnes, test load 90 tonnes. Pneumatic release remote and local control.
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.
REEL WINDER	One rope drum with capacity of 7,5 kW 380 V AC electrical motor.
RESCUE BOAT LIFE RAFT	1 x 4.5 m, 15 bhp motor 2x on top deck, 16 persons

AUXILIARY EQUIPMENT

GENERATOR SET	2 x 84 Kw, 380 V, 50 Hz, 3 Ph
AIRCONDITIONING	Approx. 80,000 BTU Cooling / Approx. 80.000 BTU Heating capacity at all accommodation compartment.
ENGINE ROOM VENT.	2 x approx.30.000 m ³ / hr capacity
EXTERNAL FIRE FIGHTING	KVÆRNER Fi-Fi 1 system directly drive by main engines. Remote control panel at wheelhouse. Capacity of waterspray system is 300 m ³
BILGE WATER SYS.	500 m ³ / hr capacity
SEWAGE TREATMENT	12 pers / day capacity
BILGE & BALLAST PUMP	40 m ³ / hr capacity
FIRE & GEN SERV. PUMP	40 m ³ / hr capacity
DIRTY OIL PUMP	8 m ³ / hr capacity
FUEL TRANS. PUMP	10 m ³ / hr capacity.
SEWAGE DISC PUMP	10 m ³ / hr capacity.
COMPRESSORS	2 x 22.8 m ³ / hr capacity at 12 bars.

ACCOMMODATION

12 persons

NAUTICAL AND COMMUNICATION EQUIPMENT

JRC - COMPLYING GMDSS A2 AREA

SEARCHLIGHT	2 x 1000 watt 220 V
FLOODLIGHT	2 x 1000 watt 220 V and 2 x 500 watt 220 V
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 PHONE	ZENITEL VSP
TALK BACK	ZENITEL ETB - 5
TELEPH. CENTRAL	KAREL MS-48 4/8
AIS	JOTRON PR 2500