

MED-T2470

TRAKTOR 2400-Z



ROBERT ALLAN LTD.

GENERAL

DESIGN	Robert Allan Ltd. TRAKTOR 2400-Z
BASIC FUNCTIONS	Towing, pushing, mooring, fire-fighting
CLASSIFICATION	RINA
	C ✕ HULL, ✕ MACH, ✕ AUT-UMS, TUG
FIREFIGHTING	SHIP E WITH WATER SPRAY
UNRESTRICTED NAVIGATION, MLC DESIGN	
	INWATERSURVEY

DIMENSIONS

LENGTH O.A.	24,00 m
BEAM	12,00 m
DEPTH	4,55 m
DRAFT _{BASELINE}	5,8 m
DRAFT _{EXTREME}	6,00 m
GROSS TONNAGE	< 400

TANK CAPACITIES

FUEL OIL	70,00 m ³
FRESH WATER	12,00m ³
FOAM	4,00m ³

PERFORMANCES

BOLLARD PULL	70 tons
SPEED	12 knots (approx.)

PROPULSION SYSTEM

MAIN ENGINES	CATERPILLAR 3516C
TOTAL POWER	2 x 2100 kW @ 1600 rpm
EMISSION STANDARD	IMO Tier II
AZIMUTHING STERN DRIVE	SCHOTTEL SRP 460 FP / KONGSBERG US255 FP
PROPELLERS	2600 mm diameters
	Built-in, hydraulically operated ON/OFF clutch (Optional HD Slipping Clutch – for Fi-Fi 1)
SHAFTING	Carbon Fiber Shaft

ACCOMMODATION

Accommodation for 6 people MLC-compliant high-quality and great comfort accommodation is climate-controlled and includes a captain's cabin, an officer cabin, and two double crew cabins.

DECK EQUIPMENT

AFT TOWING WINCH

Two (2) THR MARINE single drum, electrical driven winches with hydraulic operated band brake and hydraulic operated friction clutch
 Force and speed ranges : 250 kN at 9 m/min
 80 kN at 28 m/min

Brake holding force in 1st layer : 1750 kN
 Class Requirements
 Rubber, Cylinder, W and D type fendering

ANCHORS & CHAIN

FENDERS

AUXILIARY EQUIPMENT

GENERATOR SET	2 x C4.4 86 ekW 1500 rpm 50hz
FRESH WATER SYSTEM	Hydrophore and UV filter combined heater
MACHINERY COOLING SYSTEM	Box cooler type
AIR-CONDITIONING	HEINEN HOPMAN: Secondary AC unit in wheelhouse Cold climate package Hot climate package
FIFI E SYSTEM	1 x M/E driven fi-fi pump
FIFI-1 (OPTIONAL)	Capacity ; 1350 m ³ /hr. 1 x Monitor : Foam/water monitor with remote operated, electric controls

NAUTICAL AND COMMUNICATION EQUIPMENT)

GMDSS A3 AREA	
SEARCHLIGHT	2 x 230 V, 2000 W
RADAR	FURUNO FAR-1518-BB
GPS NAVIGATOR	FURUNO GP-170
AIS CLAS A	FURUNO FA-170
SATELLITE COMPASS	FURUNO SC-70
MAGNETIC COMPASS	REFLECTA A/3
NAVTEX	FURUNO NX-700B
EPIRB	JOTRON TRON 60S
SART	JOTRON TRON SART 20
AUTOPILOT	RAYTHEON ANSCHUTZ NP 60
BNWAS	FURUNO BR-500
INTERCOM	PHONTECH CIS-3100
VHF	JOTRON TRON TR30
INMARSAT-C	FELCOM-19/SSAS
ANOMOMETER	AIRMAR 220WX
SPEED LOG	FURUNO DS-80
ECHO SOUNDER	FURUNO: FE-800

OPTIONAL EQUIPMENT

DECK CRANE	PALFINGER PK18500(M)B SWL 1t@10m
RESCUE BOAT CRANE	PALFINGER SCH 12-3.5 R SWL 12t@3.5m
RESCUE BOAT	RIBO DSB 5.1 SR/SOLAS
CAPSTAN	DATA HIDROLIK SWL:5t
TOWING HOOK	One (1) or Two (2) on aft deck DATA HIDROLIK quick release disc type Type DTH 70-130 P



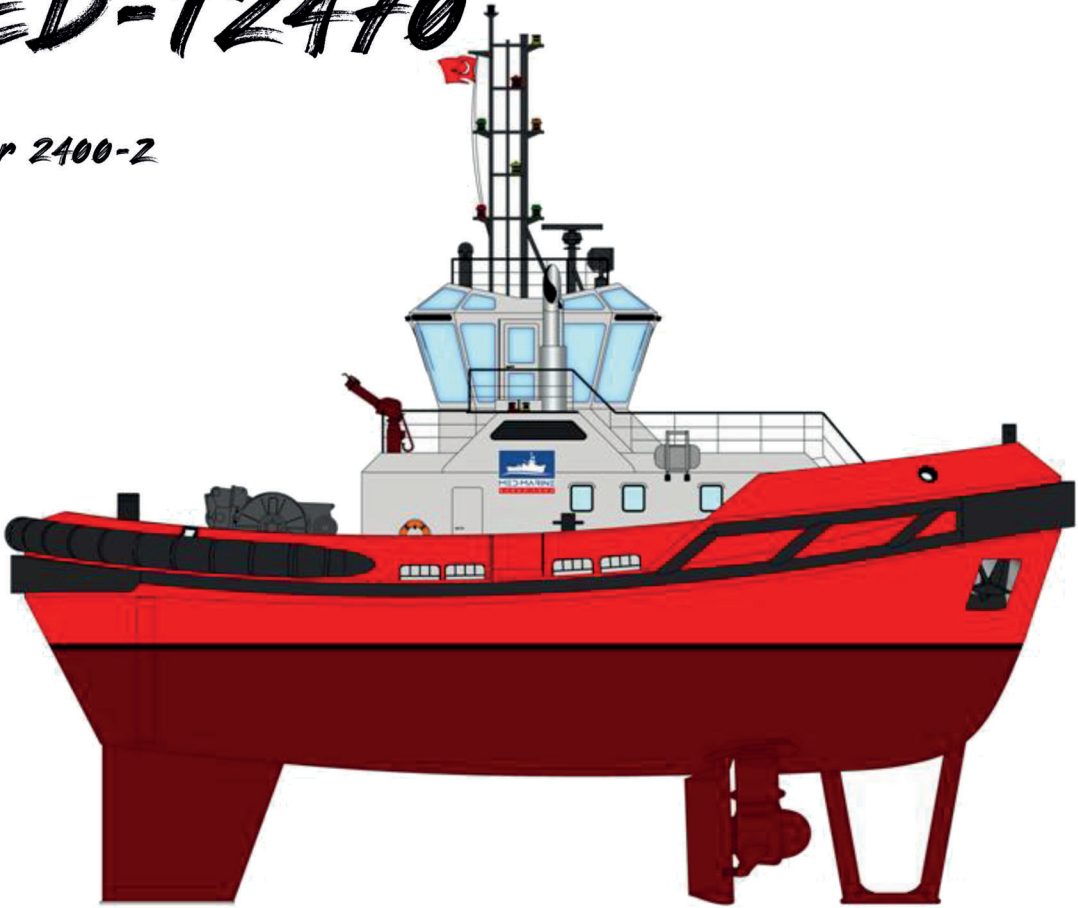
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TRAKTOR 2400-2



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NAVAL ARCHITECTS AND MARINE ENGINEERS