



## GENERAL

DESIGN	Robert Allan Ltd.
BASIC FUNCTIONS	Towing, pushing, mooring, fire-fighting
CLASSIFICATION	RINA C ✕ TUG, FIRE-FIGHTING SHIP-E, UNRESTRICTED NAVIGATION

## DIMENSIONS

LENGTH O.A.	18,28 m
BEAM	6,70 m
DEPTH	2,48 m
DRAFT <sup>DESIGNED</sup>	3,20 m
MAX. HEIGHT FROM KEEL	10,00 m
GROSS TONNAGE	< 200

## TANK CAPACITIES

FUEL OIL	22,40 m <sup>3</sup>
FRESH WATER	16,42 m <sup>3</sup>
SEWAGE	16,42 m <sup>3</sup>
OILY WATER	0,40 m <sup>3</sup>

## PERFORMANCES

BOLLARD PULL	30 tons (minimum)
SPEED	11 knots (approx.)

## PROPULSION SYSTEM

MAIN ENGINES	2 x CATERPILLAR 3508
TOTAL POWER	2 x 716 kW @ 1800 rpm
PROPELLER	2 x 4 Blades Solid Propeller (Ni-Al-Bronze)
GEARBOX	REINTJES WAF
REDUCTION RATIO	5:1
SHAFTING	Steel

## DECK EQUIPMENT

TOWING HOOK	DATA Quick Release With Air Dta 30-60
ANCHORS & CHAIN	2 x 160kg Anchor 2 x 55 m 14mm Gr3 Chain
ANCHOR CAPSTAN	DATA Anchor Windlass
FENDERS	All around D fenders and Tire fenders

## AUXILIARY EQUIPMENT

GENERATOR SET	1 x CAT3054 - 37 kW
MACHINERY COOLING SYSTEM	Tube Cooler
AIR-CONDITIONING	Split A/C Unit 2 x 12000 BTU
FIFI E SYSTEM	1 x Standart Centrifugal Pump Capacity 35 m <sup>3</sup> /h

## NAUTICAL AND COMMUNICATION EQUIPMENT

GMDSS A1 AREA	
RADAR	1 x JRC JMA-1100
GPS	1 x JRC JMA-1100
AIS CLASS	1 x IMARINE I-AIS TBCS KLAS BCS
COMPASS	Standart Compass
INTERCOM	I-COM IC-M323 VHF
VHF	SAILOR RT2048 VHF
ECHO SOUNDER	1 x JRC
TALK-BACK	1 x Phontech CIS 3100

## ACCOMMODATION

Accommodation for 4 people, high-quality and great comfort.  
Accommodation is climate-controlled and includes two double crew cabins.