



DECK EQUIPMENT

FORE TOWING WINCH

THR MARINE (SEC) electric driven anchor combined escort towing winch with two chain wheels, two towing drums and two warping heads
Force and speed ranges : 700 kN at 0-5 m/min
200 kN at 0-15 m/min

AFT TOWING WINCH

THR MARINE (SEC) electric frequency controlled towing winch with one towing drum and a warping head.
Force and speed ranges : 700 kN at 0-5 m/min
200 kN at 0-15 m/min

TOWING HOOK

Brake holding force in 1st layer : 1750 kN
Mampaey quick release disc type towing hook
Type: DCX 70/100

TOWING PIN

DATA HIDROLIK DTP 12 SH

CAPSTAN

DATA HIDROLIK SWL:5t

ANCHORS & CHAIN

1 x 495 kg (HHP) short link chain 22mm Gr 3

FENDERS

Rubber, cylinder and W type bow fender, D type at sides and W type aft fender

DECK CRANE

Toimil T-10500M SWL10t.m reach 8 m or equal

RESCUE BOAT & CRANE

PALFINGER RSQ 450 G / SWL: 12kN@3.5m

AUXILIARY EQUIPMENT

GENERATOR SET

2 x CATERPILLAR C4.4 99kW@1500rpm 50hz

FRESH WATER SYSTEM

Hydrophore and UV filter combined heater

MACHINERY COOLING SYSTEM

SPERRE Plate cooler type

AIR-CONDITIONING

HEINEN HOPMAN:

Secondary AC unit in wheelhouse

Hot & Cold climate package

FIFI 1 SYSTEM

2 x M/E driven fi-fi pump Capacity: 1314 m³/hour
2 x Monitor : Foam/water monitor with remote operated, electric controls

NAUTICAL AND COMMUNICATION EQUIPMENT

GMDSS A3 AREA

2 x 230 V, 1000 W

SEARCHLIGHT

JRC JMA-5212-6

RADAR

JRC JLR 7500

GPS NAVIGATOR

JRC JHS-183

AIS CLASS-A

I-MARINE

AIS CLASS-B

JRC: JLR 21

GPS COMPASS

REFLECTA/1

MAGNETIC COMPASS

JRC NCR-333

NAVTEX

JOTRON TRON 60S / 85037

EPIRB / SART

NAVITRON NT-921 MKII

AUTOPILOT

NAVITRON: NT991

BNWAS

PHONTECH: CIS-3100

INTERCOM

JRC: JHHS-770S

VHF

JRC: JUE-87

INMARSAT-C & SSAS

JRC: JFE-380-22

ECHO SOUNDER

JRC: JLN-205 MK2

SPEED LOG

GENERAL

DESIGN	Robert Allan Ltd. RAmports 3200 SD
BASIC FUNCTIONS	Escorting, towing, pushing, mooring, fire-fighting
CLASSIFICATION	RINA
	C ⚡HULL, ⚡MACH, ESCORTTUG, FIREFIGHTING SHIP 1, WITH WATER SPRAY
	UNRESTRICTED NAVIGATION
	⚡AUT-UMS, MLC DESIGN, INWATERSURVEY
OPTIONAL	OIL RECOVERY SHIP-FLASH POINT > 60°C
	SALVAGE TUG, GREENSTAR3

DIMENSIONS

LENGTH O.A.	31,50 m
BEAM	12,60 m
DEPTH	5,40 m
DRAFT BASELINE	4,19 m
DRAFT EXTREME	5,00 m
GROSS TONNAGE	< 500

TANK CAPACITIES

FUEL OIL	185,80 m ³
FRESH WATER	35,00 m ³
SEWAGE WATER	10,90 m ³
OILY WATER	5,40 m ³
LUBRICATION OIL	4,70 m ³
FOAM	12,40 m ³

PERFORMANCES

BOLLARD PULL	75 tons
SPEED	12.5 knots

PROPULSION SYSTEM

MAIN ENGINES	CATERPILLAR 3516C
TOTAL POWER	2 x 2350 kW @ 1800 rpm
EMISSION STANDARD	IMO Tier II
AZIMUTHING STERN DRIVE	SCHOTTEL SRP 1515 CP
PROPELLERS	2600 mm diameters
SHAFTING	Carbon Fiber Shaft

ACCOMMODATION

Accommodation for 8/10 people, MLC-compliant high-quality and great comfort. Accommodation is climate-controlled and includes a captain's cabin, an officer cabin, and three/four double crew cabins.