



**SEA THE FUTURE**



**Ramparts 3200-SD**

**32m 70/75 TBP  
ASD Tugboat**



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# Ramparts 3200-SD



## DESIGN / BASIC FUNCTIONS

Robert Allan Ltd. / Towing, pushing, escorting, mooring, fire-fighting

## CLASSIFICATION

I / C ✕ HULL ✕ MACH, AUT-UMS, ESCORT TUG, UNRESTRICTED NAVIGATION, FIREFIGHTING SHIP 1 WITH WATER SPRAYING, INWATERSURVEY

## DIMENSIONS

LENGTH O.A.	31,50 m
BEAM	12,60 m
DEPTH	5,40 m
DRAFT <sub>max</sub>	5,00 m
GROSS TONNAGE	< 500

## PERFORMANCES

BOLLARD PULL RANGE	70 - 75 TBP
SPEED	12,5 knots

## TANK CAPACITIES

FUEL OIL	181,9 m <sup>3</sup>
FRESH WATER	37,4 m <sup>3</sup>
POTABLE WATER	20,2 m <sup>3</sup>
SEWAGE	10,9 m <sup>3</sup>
OILY WATER	4,7 m <sup>3</sup>
SLUDGE	4,7 m <sup>3</sup>
FOAM	7,2 m <sup>3</sup>

## ACCOMMODATION

Crew Capacity	8
HVAC (Accommodation)	Central AC unit with ducting to cabins
HVAC (Wheelhouse)	Top-mounted split type A/C units
HVAC (SWB room)	Separate split type A/C unit
ARRANGEMENT	1 x master cabin 1 x officer cabin 3 x double crew cabin

## PROPULSION SYSTEM

TOTAL POWER (70 TBP)	5100 BHP high speed diesel marine engines
TOTAL POWER (75 TBP)	5630 BHP high speed diesel marine engines
EMISSION STANDARD	IMO Tier II / IMO Tier III
ASD UNITS	2 x Fixed Pitch propellers
SHAFTING	Carbon fiber shafting

## AUXILIARY EQUIPMENT

GENERATOR SET	2 x 99 ekW 1500 rpm 50 Hz
MACHINERY COOLING SYSTEM	Box cooler
AIR-CONDITIONING	A refrigerating plant capable for 100% of the total capacity comprising the following main parts: 2x compressor & 2x condenser
FIFI 1 SYSTEM	2 x M/E driven 1350 m <sup>3</sup> /h FiFi pump 2 x water monitor, remote operated
FIFI 1 SYSTEM (OPT)	1 x M/E driven 2735 m <sup>3</sup> /h FiFi pump 2 x water monitor, remote operated

## DECK EQUIPMENT

FORE TOWING WINCH	Hydraulically driven double drum escort winch
AFT TOWING HOOK	SWL 100 tons, quick release type
CAPSTAN	SWL 5 tons, electric driven
FENDERS	Rubber, Cylinder, W and D type fendering

## OPTIONAL EQUIPMENT

AFT TOWING WINCH	Hydraulically driven single drum towing winch
TOW PINS	SWL 100 tons
STERN ROLLER	
DECK CRANE	840 kg at 8,1 m reach
RESCUE BOAT CRANE	12 kN at 5 m
RESCUE BOAT	One (1) rescue boat with heavy duty sea water resistant hull with Solas Engine 25HP

## NAVIGATION AND COMMUNICATION EQUIPMENT

Navigation and communication equipment will be provided by FURUNO or JRC, in accordance with GMDSS area 2, including but not limited to:  
Searchlight, Radar, DGPS Navigator, AIS Class A, Satellite Compass, Magnetic Compass, Navtex, Sounder, Weather Station, MF/HF Radio Telephone, Inmarsat Mini-C, Sart / EPIRB, Autopilot, BNWAS, Intercom, VHF, Handheld VHF, Batteryless Telephone, Speed Log/Echosounder.