




SEA THE FUTURE

TRAKTOR 2800-Z



28m 70/75/80 TBP
TRAKTOR Tugboat

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TRAKTOR 2800-Z



DESIGN / BASIC FUNCTIONS

Robert Allan Ltd. / Towing, pushing, 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.	27,80 m
BEAM	12,80 m
DEPTH	4,85 m
DRAFT _{max}	6,20 m
GROSS TONNAGE	< 400

PERFORMANCES

BOLLARD PULL RANGE	70 - 80 TBP
SPEED	12,5 knots

TANK CAPACITIES

FUEL OIL	102,0 m ³
FRESH WATER	33,4 m ³
SEWAGE	6,9 m ³
OILY WATER	6,9 m ³
LUBRICATION OIL	0,6 m ³
FOAM	9,3 m ³
SLUDGE	3,6 m ³

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 chief cabin 3 x double crew cabin
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PROPULSION SYSTEM

TOTAL POWER (70 TBP)	5100 BHP high speed diesel marine engines
TOTAL POWER (75 TBP)	5630 BHP high speed diesel marine engines
TOTAL POWER (80 TBP)	6300 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 70% of the total capacity comprising the following main parts: 2x compressor & 2x condenser
FIFI 1 SYSTEM	2 x M/E driven 1350 m ³ /h FiFi pump 2 x water monitor, remote operated
FIFI 1 SYSTEM (OPT)	1 x M/E driven 2735 m ³ /h FiFi pump 2 x water monitor, remote operated

DECK EQUIPMENT

AFT TOWING WINCH	Electric frequency controlled double drum towing 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

DECK CRANE	840 kg at 8,1 m reach
SERVICE BOAT & MANUAL DAVIT	1 x 6 persons service boat with one (1) 9,8 HP outboard engine and 1x manual davit
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 1+2+3, including but not limited to:

Searchlight, Radar, GPS Receiver, GPS Compass, Doppler Speed Log, Echo Sounder, Navtex Receiver, AIS, MF/HF Radiotelephone, VHF Radiotelephone, Mini-C SSA System, AIS-SART, GMDSS VHF, BNWAS, Magnetic Compass, Talkback System, Batteryless Telephone, Autopilot.