



SEA THE FUTURE



MED-A1600

**16m 20 TBP
ASD Tugboat**



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MED-A1600



DESIGN / BASIC FUNCTIONS

Cintranaval Design / Towing, pushing, mooring, firefighting

CLASSIFICATION

I / C ⚡HULL, • (⚡)MACH, TUG, UNRESTRICTED NAVIGATION

DIMENSIONS

LENGTH O.A.	16,50 m
BEAM O.A.	7,50 m
DRAFT _{max}	2,85 m
DEPTH	2,70 m

PERFORMANCES

BOLLARD PULL	20 TBP
SPEED	10 knots

TANK CAPACITIES

FUEL OIL	17,0 m ³
FRESH WATER	3,0 m ³
SEWAGE	0,5 m ³
SLUDGE	0,5 m ³
BILGE	0,5 m ³

ACCOMMODATION

Crew Capacity	4
HVAC	Split type A/C units for accommodation and wheelhouse
ARRANGEMENT	2 x double crew cabin

PROPULSION SYSTEM

TOTAL POWER	1500 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 38 ekW 50 Hz
MACHINERY COOLING SYSTEM	Plate cooler
AIR-CONDITIONING	Split type A/C units for accommodation and wheelhouse

DECK EQUIPMENT

FORE TOWING WINCH	Hydraulically / electrically driven single drum towing winch
AFT TOWING HOOK	SWL 30 tons, quick release type
CAPSTAN	SWL 1 tons, electric driven
FENDERS	Rubber, Cylinder, W and D type fendering

OPTIONAL EQUIPMENT

DECK CRANE	250 kg at 5 m reach
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NAVIGATION AND COM. EQUIPMENT

Navigation and communication equipment will be provided by Furuno or JRC, in accordance with GMDSS area 2, including but not limited to:

Searchlight, Horn, Radar, Depth Echosounder, Video Plotter, AIS, DGPS Receiver, Electronic Compass, VHF with DSC, VHF Portable, SART, EPIRB, NAVTEX.