

MED-A1620

CND-16110



GENERAL

DESIGN	Cintranaval-Defcar
BASIC FUNCTIONS	Towing, pushing, mooring
CLASSIFICATION	RINA C ✕HULL. • MACH. TUG UNRESTRICTED NAVIGATION. INWATERSURVEY

DIMENSIONS

LENGTH O.A.	16.50 m
BEAM	6.00 m
DEPTH	2.70 m
DRAFT _{BASELINE}	1.80 m
DRAFT _{EXTREME}	2.70 m
GROSS TONNAGE	< 200

TANK CAPACITIES

FUEL OIL	14.19 m ³
FRESH WATER	3.45 m ³
SEWAGE	0.50 m ³
LUBRICATION OIL	0.54 m ³

PERFORMANCES

BOLLARD PULL	20 tons
SPEED	12 knots (approx.)

PROPULSION SYSTEM

MAIN ENGINES	VOLVO PENTA D16-750 2 x 551 kW @ 1800 rpm CATERPILLAR C18 2 x 533 kW @ 1800 rpm
EMISSION STANDARD	IMO Tier II
AZIMUTHING STERN DRIVE	Rolls Royce US105P6 /Schottel SRP 190 FP
PROPELLERS	1300 mm / 1400mm diameters
SHAFTING	Steel/Carbon Shaft

DECK EQUIPMENT

FORE TOWING WINCH	DMT Electric driven with frequency converter, provided with hydraulic operated band brake with one drum. Nominal Pull /Speed @1st layer:100 kN/10 m/min Low Pull /High speed @ 1st layer:30 kN / 30 m/min Brake holding force on 1st layer : 750 kN
TOWING HOOK	DATA disc type towing hook Type : DTH 30-60
CAPSTAN	DATA Capstan SWL:5tonnes
ANCHORS & CHAIN	1 x 150 kg (HHP) short link chain 14mm Gr 2
ANCHOR CAPSTAN	One (1) piece DATA hydraulic windlass
FENDERS	Rubber, cylinder and W type bow fender, D type around the hull

AUXILIARY EQUIPMENT

GENERATOR SET	2 x VOLVO PENTA 62ekW @ 1500 rpm 50Hz
FRESH WATER SYSTEM	Hydrophore and UV filter combined heater
MACHINERY COOLING SYSTEM	Plate cooler type
AIR-CONDITIONING	Secondary AC unit in wheelhouse Cold climate package Hot climate package

NAUTICAL AND COMMUNICATION EQUIPMENT

GMDSS A2 AREA	
SEARCHLIGHT	2 x 230 V, 2000 W (Remote Controlled)
RADAR	JRC: JMR-541006XA BB
GPS	JRC: JLR-7500
AIS CLASS A	JHS-183
AIS CLASS B	I-MARINE
GPS COMPASS	JRC: JLR-21
MAGNETIC COMPASS	REFLECTA 3
NAVTEX	JRC: NCR 333
EPIRB	JOTRON 83310
SART	JOTRON 85037
AUTOPILOT	NAVITRON NT-888G
BNWAS	NAVITRON NT991
INTERCOM	PHONTECH: CIS-3100
VHF	ICOM: IC M323
INMARSAT-C & LRIT&SSAS	JRC:JUE-87
ECHO SOUNDER	JRC: 7050

ACCOMMODATION

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

OPTIONAL EQUIPMENT

AFT WINCH	Single drum hydraulic towing winch
DECK CRANE	250kg @ 5m