



GENERAL

BASIC FUNCTIONS	Multi-purpose towing tug
CLASSIFICATION	BV I ✕ HULL, ✕ MACH, TUG, COASTAL AREA, ✕ AUT-UMS, ICE CLASS 1A SUPER

DIMENSIONS

LENGTH O.A.	30,00 m
BEAM	10,50 m
DEPTH	4,85 m
DRAFT <small>EXTREME</small>	4,75 m
GROSS TONNAGE	< 500

TANK CAPACITIES

FUEL OIL	75 m ³
FRESH WATER BALLAST	23,4 m ³

PERFORMANCES

BOLLARD PULL <small>MAX</small>	57 tons
SPEED	13 knots (approx.)

PROPULSION SYSTEM (80 TBP)

MAIN ENGINES	CATERPILLAR 3512E
TOTAL POWER	2 x 1901 kW @ 1800 rpm
EMISSION STANDARD	IMO Tier II & IMO TIER III with SCR
AZIMUTHING STERN DRIVE	SCHOTTEL SRP 460 FP
PROPELLERS	2400 mm diameters
SHAFTING	Carbon Fiber Shaft

ACCOMMODATION

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

DECK EQUIPMENT

FORE TOWING WINCH

THR MARINE hydraulic towing winch with double drum combined with two chain wheels and one warping head.

Nominal force 1st layer 350 kN

Nomial speed 1st layer 0-15 m/min

Maximum speed 1st layer 0-30 m/min

Brake holding force in 1st layer : 1100 kN

AFT TOWING WINCH

THR MARINE hydraulic towing winch with

Nominal force 1st layer 350 kN

Nomial speed 1st layer 0-12 m/min

Maximum speed 1st layer 0-20 m/min

Brake holding force in 1st layer : 1100 kN

TOWING HOOK

DATA HIDROLIK quick release disc type

Type: DTH 70-130

TOW PIN

DATA HIDROLIK DTP 12 SH

DECK CRANE

PALFINGER PK12000MA SWL 1200 kg @ 8,1 m

RESCUE BOAT

REDSEA RS-A-380

ANCHORS & CHAIN

2 x 495 kg (HHP) short link chain 20,5 mm Gr 3

FENDERS

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

AUXILIARY EQUIPMENT

GENERATOR SET

2 x VOLVO PENTA D7A T 108 kWe @ 1500 rpm

FRESH WATER SYSTEM

Hydrophore and UV filter combined heater

MACHINERY COOLING SYSTEM

Box cooler type

AIR-CONDITIONING

HEINEN HOPMAN:

Secondary AC unit in wheelhouse

Cold climate package & Hot climate package

FIFI SYSTEM

1 x 1500 m³/hour engine driven fi-fi pump

2 x 600/1500 m³/hour foam/water monitors with remote operated, electric controls

NAUTICAL AND COMMUNICATION EQUIPMENT

GMDSS A2 AREA

SEARCHLIGHT

2 x 230 V, 2000 W

RADAR

KODEN MDC-7912P

ECDIS

MARIS ECDIS900 MK15

GPS COMPASS

KODEN KGC300

AIS CLASS-A

KODEN KAT330

MAGNETIC COMPASS

JLG MARINE SCH112S

NAVTEX

SAILOR 406391A-00500

EPIRB

OCEAN SIGNAL Safe Sea E100 Cat1

SART

OCEAN SIGNAL SaferSea S100

AUTOPILOT

SIMRAD AP70 Mk2

BNWAS

JLG MARINE

VHF

ICOM GM-600

INMARSAT-C & SSAS

FELCOM-19 / SSAS

ECHO SOUNDER / SPEED LOG

NORTHEN SOLUTION EMES60-S (Combined)