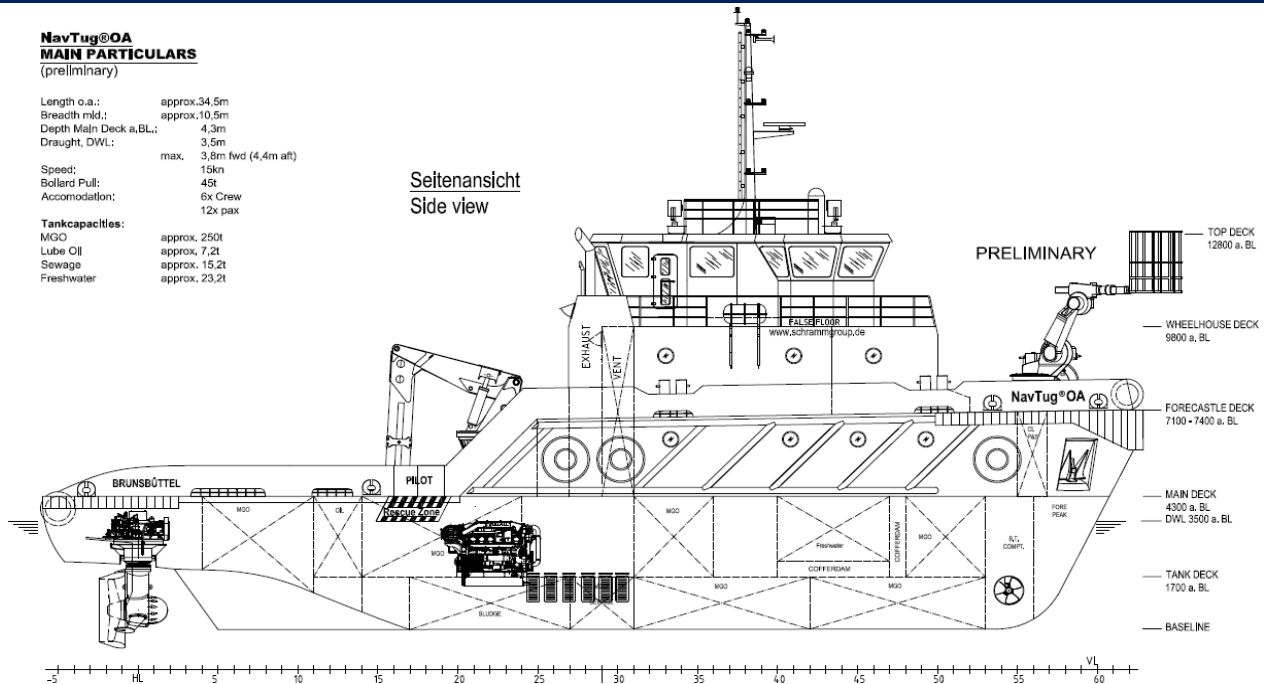


The NavTug®OA is a multipurpose powerful handy sized anchor handling tug with enlarged accommodation space for 12 passengers. It's main scope of service is the assistance in any offshore and nearshore construction sites as well as cable-laying assistance and survey works.

**NavTug®OA
MAIN PARTICULARS**
(preliminary)

Length o.a.:	approx. 34,5m
Breadth mid.:	approx. 10,5m
Depth Main Deck a.BL.:	4,3m
Draught, DWL:	3,5m
Speed:	max. 15kn
Bollard Pull:	45t
Accommodation:	6x Crew 12x pax
Tankcapacities:	
MGO	approx. 250t
Lube Oil	approx. 7,2t
Sewage	approx. 15,2t
Freshwater	approx. 23,2t

Seitenansicht
Side view



GENERAL

NAME:	NavTug® OA
CLASSIFICATION:	GL X100 A5 E Tug IW X MC E AUT
TONNAGE:	< 500 GT

PERFORMANCE

BOLLARD PULL:	Approx. 45 t
SPEED:	Approx. 15 kn
ENDURANCE:	30 days

DIMENSIONS

LENGTH, o.a.:	ca. 34,5 m
LENGTH WL:	ca. 32,5 m
BEAM, moulded	10,5 m
BEAM, o.a.:	10,8 m
DRAUGHT, B.L.:	3,5 m
DRAUGHT; aft:	4,1 m
DEPTH; Main Deck a. BL.:	4,3 m

CAPACITIES

FUEL OIL MGO:	250 m³
FRESH WATER:	23 m³
FRESH WATER MAKER:	5 m³/day
LUBE OIL:	7 m³
SEWAGE:	23 m³
SEWAGE Treatment	20 pers.
SLUDGE:	17 m³
HYDRAULIC OIL:	2 m³

NAUTICAL EQUIPMENT

GMDSS A3	VHF DSC, MF/HF, NavTex, DGPS, SART, EPIRB, ImmarSat
RADAR SYSTEM	2 x ARPA
ELECTRONIC CHART	2 x (paper free navigation)
ECHOSOUNDER	2 x (250/125)
COMPASS	Gyro, Satellite
SEARCH LIGHTS	3 x (2 fwd, 1 aft)
COMMUNICATION:	Fleetcom, Intercom, GSM phone/fax, TV, LAN

MACHINERY

MAIN ENGINES:	2x MTU/ CAT ca. 1400kW
GEARBOX:	2x Reintjes/ ZF
PROPULSION:	2x Azimut Stern Drive with FFP (diameter 2,0m)
BOW THRUSTER:	1x ca. 300kW hydraulic
AUXILARY:	2x 250kW MAN, each 120kW hydr. + 120kWe
PORT GENSET:	1 x 80 kWe

ACCOMMODATION:

CREW:	3 x 1, 1 x 1 (+1), 1 x 2 pers.
PAX:	2 x 4 and 2 x 2 pers.
OTHER:	Galley, Messroom 12 pers., LSA+ HVAC room, Stores Hospital/treatment room, Dirty Change room Full HVAC all rooms

DECK EQUIPMENT

AFT TOWING WINCH:	Hydr. independent double drum, 2x750m 46mm wire, 1x spooling device
FWD WINCH:	1x hydraulic combined anchor an handling/ mooring/ anchor winch, 250m 32mm wire, 1x capst
TUGGER WINCH:	2x 5t@10m/min
CAPSTAN:	1x 5t@10m/min
STERN ROLLER	6m dia 1,1m
SHARK JAW/ TOW PIN:	150t SWL Hydraulic
DECK CRANE:	12 t @ 10 m, max. outr. 15 m
FREE DECK AREA:	Approx. 1.1x8m
DECK LOAD:	7t/m2