

The NavTug®FlatTop is a powerful handy sized multipurpose anchor handling and assistance tug with a large flat deck area. It's main scope of service is the assistance in any offshore and nearshore construction sites as well as anchor-handling assistance for cable-laying vessels.



GENERAL		MACHINERY	
NAME:	NavTug® FlatTop "Torsten"	MAIN ENGINES:	2 x 1425 kW CAT3512 HD
CLASSIFICATION:	GL X100 A5 E RSA(200) IW AH Tug XMC AUT	GEARBOX:	2 x Reintjes WAF 763
TONNAGE:	371 GT	SHAFT LUB/COOL:	Closed water circuit cooling
PERFORMANCE		PROPELLER:	2 x 2,05 m FP 4 blade
BOLLARD PULL:	50 t	NOZZLES:	2 x high efficient nozzles
SPEED:	12,5 kn	RUDDERS:	2 x Twin blade combined
ENDURANCE:	20 days	BOW THRUSTER:	1 x 200 kW hydraulic
DIMENSIONS		PORT GENSET:	1 x approx. 50 kWe electric
LENGTH, o.a.:	31,5 m	AUXILARY:	2 x 250 kW combined hydraulic/electric
BEAM, moulded:	11,5 m	ACCOMMODATION:	
BEAM, o.a.:	12 m	CREW:	4 x 1 with shared bath, 1 x 2 with bath
DRAUGHT <sup>Design, Baseline</sup> :	2,75 m	OTHER:	Pantry, Messroom, Stores, Sanitary space, Lounge
DRAUGHT <sup>Summer Load</sup> :	3,00 m	DECK EQUIPMENT	
DRAUGHT <sup>max, with skeg</sup> :	3,35 m	COMBINED TOWING-/	Hydraulic independent
DEPTH, Main Deck:	3,8 m - 4,7 m	AH-WINCH	double drum with 50 t pull on 3rd layer; 0-10 m/min 130 t BL; 750 m wire, Ø46 mm
CAPACITIES		TOWING HOOKS:	2 x 45 t SWL
FUEL OIL MGO:	160 m <sup>3</sup>	TUGGER WINCH:	2 x 5 t @ 10 m/min
FRESH WATER:	31 m <sup>3</sup>	BOW ROLLER:	6,5 m Ø 1,0 m, SWL 120 t
SEWAGE:	22 m <sup>3</sup>	STERN ROLLER:	6,5 m Ø 1,0 m, SWL 120 t
LUBE OIL:	1 m <sup>3</sup>	SHARK JAW/ TOW PIN:	80 t SWL Hydraulic
OILY WATER:	2,7 m <sup>3</sup>	DECK CRANE:	12 t @ 10 m, max. outr. 15 m
HYDRAULIC OIL:	2 x 1,4 m <sup>3</sup>	FREE DECK AREA:	approx. 135m <sup>2</sup>
NAUTICAL EQUIPMENT		DECK LOAD:	10 t/m <sup>2</sup>
GMDSS A2	VHF/MF/HF +DSC, NavTex, DGPS, SART, EPIRB, InmarSat C		
RADAR SYSTEM	2 x with ATA		
ECHOSOUNDER	2 x ECS (paper free navigation)		
COMPASS	1 x		
SEARCHLIGHTS	Gyro + Satellite		
COMMUNICATION:	Fleetcom, Intercom, GSM phone/fax, TV, LAN		