

Specifications ASD TUG 32.5M



SHIPYARD : ASENAV S.A.

Dimensions:

Length Over All : 32.50 m
 Length Mld. : 31.70 m
 Breadth Mld. : 10.50 m
 Depth Main Deck : 4.90 m
 Draft, Maximum : 5.65 m
 Deadweight : 260 tonnes
 Gross Tonnage : 376
 Net Tonnage : 113
 Accommodation : Crew 12

Class : LR \times 100A1 TUG \times LMC
 Fire-Fighting Ship 1 [2400 m/h] with water spray

Bollard Pull : 64 tonnes
Speed : 13 kn

Tank Capacity

Diesel Oil : 205 m³
 Fresh Water : 44 m³
 Ballast Water : 37 m³
 Lube Oil : 5 m³
 Sewage : 4 m³
 Misc. : 9 m³

Main Engine(s)

CAT : 2x3516-B,
 1920 Kw @ 1600 rpm.

Propulsion System(s)

SCHOTTEL : 2xSRP 1515 FP.

Thruster

SCHOTTEL STT170 - 175 kW

Generator(s)

Auxiliary : 2x CAT C9,
 175 kWe, 1500 rpm.

Harbour : 1x CAT C4.4
 69 kWe, 1500 rpm.

Fifi

Fifi Set : Diesel Driven Pump 2700
 m³/h (Fifi with waterspray)

Fifi Monitor : 2x1200 m³/h

Deck Equipment

Towing Winch /
 Anchor Windlass : Hydraulic, RRM
 ATWH1300/240/AW20,5U2
 Pulling 1st layer 25 ton @ 0-
 20 m/min
 Brake holding load 130 ton

Capstan : Hydraulic, RRM, CH50H
 Warping head Dia. 450mm
 Pull 4,5 tons at 30 m/min

Towing Hook : Mampaey Quick Release
 DSX 50/65, SWL 70 ton

Davit : Palfinger SCM-10-3.5 SWL
 1000 kg

Anchor & Chains

Port : Spek anchor 570 kg with
 chain \varnothing 20.5mm Gr2 (5
 lengths)

Stbd : Spek anchor 570 kg with
 chain \varnothing 20.5mm Gr2 (6
 lengths)

Fendering

Bow : Cylindrical, Diam.
 2x400mm
 Key Hole Type 8-304

Sheer : DO fender 400mm

Stern : Cylindrical, Diam. 400mm

Sewage Treatment Plant : IMO/MARPOL
 compliance, black and
 grey water

Oily Water Separator : IMO/MARPOL compliance, 0.5 m³/h

Safety Equipment

Rescue Boat : Zodiac, Ribo 450

Life Rafts : 2 x 10 pers. DSB

Communication Equipment

GMDSS : A1-A2

MF/HF Radio : 1x Furuno FS-1575

VHF Radio : 2x Furuno FM 8900S

Portable VHF : 3 x HT649

GPS : 1 x Furuno GP-1870

AIS : 1x Furuno FA-170

E.P.I.R.B. : 1X ACR RLB-41

Sart : 2x ACR Pathfinder Pro

Navigation Equipment

Radar : 2x Furuno DRS6NX 6kw display MU-190HD 19"

GPS Navigation : 1x Furuno GP-330B

Echo Sounder : 1x Furuno DFF1

Navtex : 1x Furuno NX 700-A

Sat. Compass : 1x Furuno SC-70

BNWASS : 1x Furuno BR-520

Magnetic Compass : 1x Reflecta 5

Anemometer : 1x Airmar WS-220WX