

Specifications ASD TUG 25M



SHIPYARD : ASENAV S.A.

Dimensions:

Length Over All : 25.60 m
 Length Mid : 24.70 m
 Breadth Mid : 11.00 m
 Depth Main Deck : 4.60 m
 Draft, Maximum : 5.70 m
 Deadweight : 190 tonnes
 Gross Tonnage : 316
 Net Tonnage : 95
 Accommodation : Crew 8

Class : LR ✕100A1 TUG ✕LMC, IWS

Bollard Pull : 70 tonnes
Speed : 12.5 kn

Tank Capacity

Diesel Oil : 160 m³
 Fresh Water : 28 m³
 Ballast Water : 46 m³
 Lube Oil : 4 m³
 Sewage : 4 m³
 Misc. : 9 m³

Main Engine(s)

MAN : 2x12V175D-MM, 2040 kW
 @ 1800 RPM

Propulsion System(s)

KONGSBERG : 2XUS 205S FT

Generator(s):

Auxiliary : 2x VOLVO PENTA D5TA,
 70 kWe, 1500 rpm.
 Harbour : 1 x MECC Alte – Mitsubishi
 39,1 kW – 1.500 rpm

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 70/85, SWL 85 ton
 Deck Crane : Amco Veba, 810-3SMF
 750kg @ 9.7m

Anchor & Chains

Port : Spek anchor 570 kg with
 chain Ø20.5mm Gr2 (5 lengths)
 Stbd : Spek anchor 570 kg with
 chain Ø20.5mm Gr2 (6 lengths)

Fendering

Bow : Cylindrical, Diam. 800mm
 W fender 500x330mm
 Sheer : DO fender 300mm
 Stern : Cylindrical, Diam. 600mm

External Fire Fighting System

Fi-Fi I, with water spray
 Fi-Fi Pumps : 2 x 1400 m³/h
 Fi-Fi Monitors : 2 x 1200m³/h

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 ACR SR203
GPS : 1 x Furuno GP-1870
AIS : 1x Furuno FA-170
E.P.I.R.B. : 1X ACR RLB-41
Sart : 2x ACR Pathfinder

Navigation Equipment

Radar : 2x Furuno DRS4A 4kw-
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

