

Specifications ASD ESCORT TUG 29/12.5M



SHIPYARD : ASENAV S.A.

Dimensions:

Length Over All : 29.00 m
 Length Mld : 28.00 m
 Breadth Mld : 12.50 m
 Depth Main Deck : 5.20 m
 Draft, Max. : 4.10 m (above Base Line)
 Draft, Max. : 5.60 m (including skeg)
 Deadweight : 210 tonnes
 Gross Tonnage : 473
 Net Tonnage : 142
 Accommodation : Crew 9

Class : ABS ✕ A1 Towing Vessel,
 Escort Vessel, Fire Fighting
 Vessel Class 1 ✕AMS

Bollard Pull Ahead : 80 tonnes
Speed : 12.0 kn

Tank Capacity

Diesel Oil : 180 m³
 Fresh Water : 40 m³
 Ballast Water : 75 m³
 Lube Oil : 6 m³
 Sewage : 6 m³
 Misc. : 13 m³

Main Engine(s)

CATERPILLAR : 2x3516C, 2520 kW @ 1800 RPM, IMO TIER III

Propulsion System(s)

SCHOTTEL : 2x SRP 490 FP

Generator(s):

Auxiliary : 2x CATERPILLAR C4.4,
 99 kWe, 1800 rpm.
 Harbour : 1x CATERPILLAR C4.4,
 40 kWe, 1800 rpm.

Deck Equipment

Anchor Windlass : Hydraulic, Ibercisa
 : 2 x MAN-H/V/17,5-22-S/1
 Wildcat chain diam 22mm
 Escort Towing Winch : Hydraulic, Ibercisa
 : MR-H/200/2x250-60
 : Pulling 1st layer 103.4 ton
 @ 0-26 m/min (1st speed)
 Brake holding load 200 ton
 Towing Hook : Mampaey Quick Release
 DCX 70/85, SWL 85 ton
 Deck Crane : Palfinger PK11001MB,
 660kg @ 10.0m

Anchor & Chains

Port : Spek anchor 660 kg with
 chain Ø22.0mm Gr2 (5
 lengths)
 Stbd : Spek anchor 660 kg with
 chain Ø22.0mm Gr2 (6
 lengths)

Fendering

Bow : Cylindrical, Diam. 800mm
 W fender 500x400mm
 Sheer : DO fender 300mm
 Stern : W fender 500x400mm

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. Viking

Communication Equipment

GMDSS : A2
MF/HF Radio : 1x Furuno FS-1575
VHF Radio : 2x Furuno FM 8900S
Portable VHF : 2 x ENTEL HT649
GPS : 1 x Furuno GP-1871F
AIS : 1x Furuno FA-170
E.P.I.R.B. : 1X ACR RLB-41
SART : 1x ACR Pathfinder

Navigation Equipment

Radar : 2x Furuno DRS6AX 6kw-
display MU-190HD 19"

GPS Navigation : 1x Furuno GP-330B
Echo Sounder : 1x Furuno BBDS1
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
Speed / Depth / : Display RD-33 / Sensor
Temperature : DST-800MSF