

ASD Z-DRIVE TUG

VORTEX VEGA

5364 BHP | 70 TBP



SPECIFICATIONS:

ASD - Terminal & Towage Support , FIFI 1

GENERAL:

Vessel Type: Azimuth Stern Drive
Flag: TUALU
Port of Registry: FUNAFUTI
Classification: Lloyd's Register
Notation: +A1 (E) AMS Towing vessel,
FiFi vessel class 1

DIMENSIONS:

Length Overall: 31.00 m
Beam: Moulded 11.00 m
Depth: Moulded 5.60 m
Design Draft: 4.30 m
GRT: 471 T
Displacement: 820.45 T

CAPACITIES:

Fuel Oil: 170 T
Fresh Water: 34 T

MACHINERY:

Main Engines: 2 x CAT 3516C,
Total Power: 2 x 2682BHP at 1600rpm
Z-Propeller: 2 x Rolls-Royce US255 P30FP, Ø2600mm
Bow Thruster: 1x Tunnel Bow thruster c/w Cummins Diesel Engine (175kW)

POWER GENERATION:

Main Generators: 2 x CAT C6.6, 125kW/50Hz/1500rpm
Harbour Generator: 1 x CAT C4.4 51kW/50Hz/1500rpm

ACCOMMODATION:

2 x 1 Berth Cabins (2 men)
2 x 3 Berth (6 men)
4 x 1 berth (4 men)
Total Berths: 12 Men

PERFORMANCE:

Bollard Pull: 70 T (Ahead)
65 T (Stern)
Speed: 12.5 Knots

The Vessel specifications are reviewed and new brochures printed at regular intervals. Every endeavour has been made to provide accurate information on this brochure; however, the vessel owners do not accept any liability for errors, omissions or misprints published.

**ASD Z-DRIVE TUG****VORTEX VEGA****5364 BHP | 70 TBP****DECK EQUIPMENT:**

Anchor:	2 x HHP anchors, each 675kg
Towing Hook:	SWL 70Tonnes
Anchor Winch:	1 x W-rig split single drum winch,
Drum capacity:	110m+110m of dia 80mm pp rope
Aft Towing Winch:	1 x W-rig single drum winch,
Drum capacity:	700m x52mm
Deck Crane:	1 x EFFER Marine Crane, 1 ton @ 9m

VESSEL SAFETY EQUIPMENT:

Inflatable Liferrafts:	3 x 12 men
Lifebouys:	8
Fireman's outfits:	6
Life Jacket:	16
WorkVest:	1 shipset
Pyrotechnics:	1 shipset
Fire Extinguisher:	1 shipset
Fire Alarm Panel:	1 shipset
CO2 System:	1 shipset

EXTERNAL FIRE FIGHTING:

Equipment:	Classed as FiFi1 FFS, one 2700 m3/h driven by port main engine
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NAVIGATION/ COMMUNICATION:

GMDSS:	A1+A2+A3 Area
VHF:	2 x JRC JHC-770S
2 Way Portable VHF:	3x JRC JHS-7
SART:	1 x JOTRON Tronsart 20
MF/ HF:	1 x JRC JSS-2150
EPIRB:	1 x JOTRON TRON 60S
NAVTEX:	1 x JRC NCR-333
INMARSAT C:	1 x JRC JUE-87
Radar (No.1):	1 x JRC JMA-5212-6
Radar (No.2):	1 x JRC JMA-2353 (Non IMO)
BNWAS:	1 x A006.6
GPS:	1 x JRC JLR-7500
Depth Sounder:	1 x JRC JFE-380
Auto Pilot:	1 x SAURA SA-10
AIS:	1 x JRC JHS-183
Magnetic Reflector Compass:	1 x SAURA SR-165
GPS Compass:	1 x VECTOR G2
Sound Systems:	Sound Power Phones and PA System
Search Light:	2 x Francis (2000W)
Flood Light:	4 x Francis (2 x 500W, 2 x 1000W)

MISCELLANEOUS:

Oily Water Separator:	1 No, 0.5m ³ /hr with 15ppm
Sewage Treatment Plant:	suit for 12men
Fresh Water Heater:	150L
Fuel Oil Purifier:	1 No, MAB103
Air Compressor:	2 Nos, 20m ³ /h @30bar
Air Receiver:	2 Nos, 100L@30kg/cm ²
Wire stoppers on side bulwark:	1 shipset
Protection bar for the hatches on aft deck:	1 shipset