

TAMROSE VENTURES LIMITED



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TMC KESTREL

VESSEL OVERVIEW

Vessel Type: Aluminium Monohull Fast Multi-Role
Vessel Designed and built by Penguin Shipyard
Model Year: 2019
Classification: BV | *HULL • MACH, Light Ship/Crew Boat, Sea Area 3
Safety Regulation: BV and Panama Flag State requirements
Regs, Codes, Guidelines: MARPOL, SOLAS, IMDG

HULL PARTICULARS

Length Overall: 40.00 m
Breadth Moulded: 7.60 m
Depth Moulded: 3.65 m
Loaded Draft: 1.89 m
Bow Transfer Platform for Personnel: Fitted
GRT: 279

CARGO DECK

Clear Deck Area: 93 sqm
Deck Cargo Capacity: 60 MT
Deck Strength: 2.0 MT / sqm
Deck Dimensions: 16.9 m x 5.5 m
Cargo Railing Height: 1.0 m
Deck Crane: Palfinger PK4501M, 500 kg @ 5.5 m outreach
Deck Store: Fitted
Remarks: Adequate cargo retainers and lashing lugs on both sides for securing deck cargo

TONNAGE

GRT: Approx. 270 MT
NRT: Approx. 80 MT
DWT: Approx. 130 MT

MAIN MACHINERY

Number of Main Engines: 3 units with resilient mountings
Make / Type: Caterpillar C32 ACERT IMO Tier 2
Total BHP: 3 x 1450 BHP @ 2300 rpm
Propellers: 3 x fixed pitch, Ni-Al-Bronze, 5 blades
Bow Thruster: 1 unit electro-hydraulic @ 100 HP

PERFORMANCE

Maximum Speed: 28 knots @ 100% MCR
Maximum Fuel Consumption: 878 L/hr
Economical Speed: 26 knots @ 85% MCR
Economical Fuel Consumption: 765 L/hr

GENERATORS AND AUXILIARY ENGINES

Generators: 3 x Caterpillar SR4 Alternator 86 ekW
Prime Movers: 3 x 125 BHP @ 1500 rpm
Make / Type: Caterpillar C4.4
Vessel Power Supply: 415/220 Volt AC, 50 Hz, 3-phase + 24 Volt DC
Shore Power / Reefer Sockets: 1 / 4

SAFETY EQUIPMENT

Life Rafts: 3 x 25-man each side as per SOLAS
Life Jackets: 69 on board as per SOLAS
Life Buoys: 8 on board as per SOLAS
Scrambling Nets: 2 units
Other Equipment: Pyrotechnics, line-throwing apparatus
Rescue Zone: Port and Starboard

EMERGENCY RESPONSE FEATURES

1 x external FiFi monitor with remote clutch and control @ 600 cbm per hour
Aerosol fire extinguishing system
Motorised workboat

ACCOMMODATION AND STORAGE

MAIN DECK

Passenger Seats: Economy Class 30 pax
Passenger Toilets: 2 cubicles with showers
Entertainment System: 1 x LCD TV screens
Security Personnel Cabins / Total Bunks: 5 / 14
(3 x 4-man, 2 x 1-man)
Security Personnel Shower Rooms: 2 cubicles

BELOW MAIN DECK

Crew Cabins / Total Bunks: 4 / 8
(1 x 4-man, 1 x 2man, 2 x 1-man)
Crew Toilet: 1 cubicle with shower
Entertainment System: 1 x LCD TV screen
Crew Mess and Galley: Fitted
Crew Washer and Dryer: Fitted
Separate Walk-In Freezer and Chiller: Fitted
Dry Store: Fitted
Work Bench: Fitted

ELECTRONICS AND CONTROLS

GMDSS: Sea Area A1+A2
VHF: FM-8900S
MF/HF Radio: FS 1575
BNWAS: LeGuardian2025
Marine Radar: Furuno FR-8255
GPS Plotter: Furuno GP-3700F
GPS Receiver: Furuno GP-39
Depth / Echo Sounder: Furuno FCV-688
Gyro Compass: Simrad RGC50
Magnetic Compass: Riviera 6"
Navtex: JMC-NT-1800
Public Address / Intercom System: Vingtor Zenitel ETB-100
Search Lights: 3 x 1000W
EPIRB: McMurdo E5
SART: McMurdo S4
AIS: Furuno FA-170
CCTV: 9 units fitted
(5 x Exterior, 1 x Passenger Area, 2 x Engine Room, 1 x Bridge)

TANK CAPACITIES

Fuel Oil: 86,000 L
Fresh Water: 30,000 L
Fresh Water Maker: 3.4 ton/day
Oily Bilge: 600 L
Lube Oil: 450 L
Gear Oil: 450 L
Hydraulic Oil: 450 L
Fuel Oil Sludge: 500 L
Fuel Oil Purifier: Heavy duty, self-cleaning unit
IMO-Approved Sewage Treatment Plant: Fitted for 15 pax
IMO-Approved Oily Water Separator: 15 ppm

FLEX FIGHTER FEATURES

Night vision camera: Fitted
All-Round Wheelhouse Ballistic Protection:
- Wheelhouse Windows (STANAG L1)
- Wheelhouse Panels (STANAG L1) up to ceiling height
- Wheelhouse Weathertight Door (STANAG L1)
Gun Mounts with Ballistic Shields (1 x forward and 2 x aft)
* Weapons not included

FLEX FIGHTER OPTIONS (additional costs apply)

Additional ballistic protection
Additional gun mounts
Personnel ballistic shields