

MAIN PARTICULARS

Flag	Cayman Island
Yacht Type	Full Displacement Motor Yacht
Registered Type	Commercial / Private Yacht
Builder	AES Yacht / Istanbul
Classification & Class Notation	ABS, Maltese Cross,+A1, E, Commercial Yachting Service, Maltese Cross AMS, ACCU
Compliant to	MCA The Large Commercial Yacht Code (LY3)
Compliant to	Cayman Island Shipping Registry
Hull Material	Steel
Superstructure	Aluminium (Main&Upperdeck structure) / Composite (Navigation Mast)
Decks	Teak
Interior&Exterior Styling	HotLab
Engineering	Enzdaze Engineering
Detailed Design&Engineering	Endaze Engineering
Interior Design (Guest Accomodation)	HotLab
Crew Interior & Exterior Decks	HotLab
Noise, Vibration & Insulation Consultant	Van Cappellen
Electrical Project	ECR Marine
Cruising / Maximum Speed	14 knots / 17 knots
Range at Cruising Speed	5000 nautical miles (with % 10 safe margin)

DIMENSIONS

LOA	68,00 meters
LWL	65,50 meters
Full Beam	13,00 meters
Draft (design load)	3,10 meters
Depth (moulded to main deck)	5,85 meters
GRT / NRT	1780 / ____
Displacement (design load)	1265 tons
Air draft (Height above DWL)	22,63 meters
Keel Type	Keel Plate and Skeg (cast iron)
Fuel Tanks	171,026 liters (143,659 tons)
Overflow tank	5,211 liters
Fresh Water Tanks	23,658 liters
New Lub Oil Tank	1,873 liters
Waste Lub Oil Tank	2,094 liters
Grey Water Tank	39,374 liters
Bilge Water Tank	4,737 liters
Black Water Tank	7,174 liters
Sludge Tank	2,094 liters

ACCOMODATION

Guest Berths	12/12
Guest Cabins	1 Owners Suite (on Main Deck) + 4 cabins (On Upperdeck) + 1 Assistance cabin (On Maindeck)
Number of Crew Cabins	11 (10 on the Lower Deck, Captain Cabin on Wheelhouse Deck)
Total Crew Berths	17

MACHINERY & PROPULSION

No of Main Engines	2
Engine Make & Model	CATERPILLAR, 3516C, 1600 rpm, A-rating, 16 Cylinders
Total Propulsion Power	2 x 2000 HP (2 x 1492 bkW)
Drive Type	Propeller
Gear Box	ZF 7641 - Ratio 4:1,0
Engine Control System (electronic, remote)	ZF MATHERS 785 CE
Flexible Coupling and Thrust Bearing	VULKAN
Shaft Maker, Diameter and Qty	WARTSILA, 160/185 mm / 2 pcs
Complete Shaft System	WARTSILA
Stern Tube Material	Mild Steel
Number of Propeller and Material	2 x Ni - Al - Bronze, low noise design
Propeller Dia / Number of Blades	1990 mm / 5 skewed blades
Propeller Make / Pitch	WARTSILA
Steering System Make and Model	DATA Hydraulics, DDS 2x3000 400V AC

ANCILLARY MACHINERY

Stabilizers	2 x NAIAD 925, 7.5 m ² , Zero Speed
Bow Thruster	NAIAD 315 kW (Electric)
PTO Pumps	N/A
Magnetic Coupling/Clutch for Hydraulic	N/A
Water Makers	IDROMAR, 2 x IDM 14 DUPLEX, 14,000 liters per day, each
F.W.System (Active carbon & UV filter, AG-S Silver ions, water softener)	IDROMAR
Air Conditioning	CONDARIA
Engine Room Ventilation	CONDARIA
Fuel Filtration	ALFA LAVAL Fuel separator
Sewage Treatment System	JETS
Vacuum Pumps and Toilets	JETS
Bilge System (Oily Water Seperator)	RWO
Fixed Bilge/Ballast and Diesel Driven Emergency Fire/Bilge Pump	AZCUE PUMPS
Main Engine Exhaust System	SILENCER MARINE
Generator Exhaust Filters	SILENCER MARINE
Heat Exchanger	ALFA LAVAL

Hot Water Boiler & Heaters	WILO
Pumps	AZCUE PUMPS
Tender Refuelling Pump	GIANNESCHI
Anti-fouling System for Seachest and Seawater Line	CATHELCO
Cathodic Protection (ICCP) System	CATHELCO
Main Engine & Generators Duplex Filters	RACOR
Compressor	ATLAS COPCO
Air Horn	KAHLENBERG

ELECTRICAL SYSTEMS

Electrical Supplies	230 / 400 V - 50 hz
Shore Power	MAGNUS
Starter Batteries for Engines & Gensets	ODYSSEY (AGM Batteries)
Service & Emergency Batteries	MASTERVOLT
Service Generator	3 x CAT 9.3 250 ekW + 1 x CAT 7.1 150 ekW
Emergency Generator	1 x CAT 7.1 143 ekW
Shore Power Connection	GLENDENNING CABLEMASTER
EBUS KNX System	ABB

SAFETY SYSTEMS

Watertight Doors	AP MARINE with open / close warning on PLC monitoring system
Electrical Sliding Watertight Door	AP MARINE
Fire Fighting System	ULTRAFOG Gas-Driven System for Full Protection including Engine Room
Security (CCTV System)	SAMSUNG Night vision cameras linked to wheelhouse, engine control room and crew mess. Covering all entrance and boarding areas of yacht, engine room, stabilizer rooms and bow thruster compartment
Fire Detection & Alarm System	TYCO T2000
Liferafts	VIKING x 4 pcs (for 12 pax)
Life Saving Appliances	VIKING

DECK EQUIPMENTS & COATING

Anchor Winches (Windlasses)	DATA HYDRAULIC
Mooring Winches (Capstans)	DATA HYDRAULIC
Anchors	DATA, 3 x High Holding Power Anchors, 968 kg each
Anchor Chain & Diameter	DATA, Grade 3, 26 mm
Anchor Chain Length	2 x 220 meters each (7 shackle), stud link chain cable
Shell Doors (Port & Starboard)	MEG Gemi
Tender Crane on Portside	HYDROMAR / 2 x 3000 kgs Capacity
Tender Crane on Starboard	HYDROMAR / 2 x 2000 kgs Capacity

Tender Crane on Rescue Boat	HYDROMAR / 1 x 1000 Kgs Capacity
Passerella & Sliding Swimming Platform (Hydraulic Driven)	HYDROMAR
Underwater Lights	SEAVISION
Surface Preparation, Tanks, Interior, etc	INTERNATIONAL PAINT
Top Coat (Topsides and Superstructure)	AWL GRIP
OUTFITTING	
Electrical Sliding Doors	OPACMARE
Weatheright Deck Doors & Escape Hatch	OPACMARE
Decks and Bulkheads Penetrations	ROXTEC
NAVIGATION & ELECTRONIC EQUIPMENTS	
Arpa Radars	FURUNO X-BAND CHART RADAR, FAR-3220 BB FURUNO S-BAND CHART RADAR, FAR-3330S BB
ECDIS	FURUNO ECDIS, FMD-3200 BB
GPS	FURUNO MARINE GPS NAVIGATOR WITH IMO, GP-170
BNWAS	FURUNO BRIDGE NAVIGATIONAL WATCH ALARM SYSTEM, BR-500
INMARSAT	FURUNO INMARSAT-C (INCLUDING SHIP SECURITY ALERT SYSTEM), FELCOM-18
Satellite Compass	FURUNO SATELLITE COMPASS, SC-50
Magnetic Compass	CASSENS&PLATH OVERHEAD COMPASS, 33005
GMDSS	FURUNO GMDSS VHF RADIO TELEPHONE FULL-DUPLEX, PORTABLE VHF GMDSS, SAILOR SP3520
AIS	FURUNO IMO TYPE AUTOMATIC IDENTIFICATION SYSTEM, A CLASS, FA-170
Auto Pilot	
Multi Displays	HATTELAND HD 26T21
Echosounder	FURUNO NAVIGATIONAL ECHOSOUNDER, FE-800
Electronic Chart system	
Wheather station	AIRMAR ULTRASONIC WEATHER STATION INSTRUMENT
VHF	FURUNO MF/HF RADIO TELEPHONE INTEGRATED DSC WATCH RECEIVER, FS-1575
Fleet Broadband	
Navtex Receiver	FURUNO NAVTEX RECEIVER, NX-700B
Speedlog	FURUNO DOPPLER SPEED LOG, DS-80 FURUNO SATELLITE SPEED LOG, GS-100
TV At Sea System (2 SYSTEM)	
EPIRB	SAILOR EPIRB SE406-II / Automatic Release Bracket, SAILOR SE406-II
SART	SAILOR SART II
Navigation Lights	LOPOLIGHT