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- High-performance Hybrid superyacht with dual fuel: diesel an battery
- Full-aluminium fast displacement under 50m and 500 GT
- Al technology that monitors consumption when cruising in electric mode
- Equipped with five different operating modes to maximise energy efficiency
- A slender profile and sporty character with floor-to-ceiling windows designed by Enrico Gobbi
- Accommodation for 10 guests in 5 staterooms including Master suite, 2x VIP suites, Double and Twin cabin
- Spacious, walkaround bow with a 10-square-metre pool
- Powered by 2x MTU engines and 2x electric motors allowing maximum speed of 20.5 knots
- Economic consumption of only 90 liters total @ 10 knots with main engines
- Possibility to cruise in full electric mode up to 9 knots
- Impressive range of 5,300nm @ 10 knots with 10% reserve

MAIN SPECIFICATIONS

LOA: 163' 7" (49.8m)
Beam: 29' 1" (8.9m)

Max Draft: 7' 7" (2.35m)

Builder: Rossinavi
Delivery Year: July 2023

GT: 498

Type: Fast-Displacement

Hull material: Aluminium Superstructure: Aluminium

Hull designer: Arrabito Naval Architects

Interior designer: Enrico Gobbi – Team for Design Exterior designer: Enrico Gobbi – Team for Design

Classification: Rina C Hull Mach. Yacht for

'unrestricted' navigation

MCA: Yes

ISM: MCA REG LY Code Part A

Displacement: Approx. 330 tons light ship

Staterooms: 5 (Master, 2x VIP, Double, Twin)

Sleeps: 10

Heads: 5
Crew: 9

Crew Quarters: 4 (8x Crew members)

Captain Cabin: I (double cabin)

Cruising Speed: 15 Knots
Max Speed: 20.5 Knots
Range: 5300nm

Full Electric mode: Top speed 9 knots e-motor

E-motor power: 105 ekW each approx. Fuel capacity: 61340 L (16204.31 Gal) Water capacity: 12000 L (3170.06 Gal)

Deck Material: Teak

Hull designer: Arrabito Naval Architects

Deck Material: Teak

Engines: 2x MTU 16V2000M96L -

output @ 2450 RPM: 2x1939 kW

VAT status: ex VAT Flag: Malta

SPEED & RANGE UNDER POWER

Maximum speed: 20.5 knots

Cruising speed: 15 knots (half load)

Economical speed: 10-12 knots

Fuel consumption @10 knots: 90 litres total @ 10 kn with main engines

Range @10 knots: 5,300nm at 10.00 knots with 10% reserve

Fuel consumption @15 knots: 290 litres total @ 15 kn whith main enginees

Range @15 knots: 2,870nm @ 15kn with main engines

Generators consumption: 25 liters Hour each

MECHANICAL EQUIPMENT

Engines: 2x MTU 16V2000M96L-output @ 2450 RPM: 2x1939 kW

Engine hours: Port: 1748 hours as of 13th August 2025

Starboard: 171748 hours as of 13th August 2025

Generators: 2x C7.1 rated 261 bkW (355 bHp) @ 2500 rpm

Generators hours: Port: 2832 hours as of 13th August 2025

Starboard: 2833 hours as of 13th August 2025

Stabilisers: CMC with Zero speed & harbour mode

Air conditioning: Condaria Dometic

Gearbox:

MECHANICAL EQUIPMENT

Propulsion: Shaft propulsion

Propellers: 2×6 -blade

Rudder Angle: 35°

Bow Thruster: CMC 110 kW

Electricity: 3-Phase 400V AC+N 50HZ

Shore Power: Connection 150/250A

Batteries: 396Kw 8 Hours in the anchor

Type: Maintenance free Main engine start: Electrical starter

Generator star: Electrical starter

Chargers: Mastervolt

Converters: Eekels – $1 \times 150 \text{ KVA } (120 \text{ ekW})$

Hydraulics: Rossinavi

Water maker: Idromar MC5 DUPLEX

Water system: Hydrofor PUMS

Toilet system: Jets

Sewage system: Hamman HL – CONT PLUS 025

Fuel purifier: Alfa Laval MIB 303

NAVIGATION EQUIPMENT

Magnetic Compass: Sperry Marine

Gyro Compass: Sperry Marine MX 100

Satellite Compass: Sailor

Automatic pilot: Navis 3000AP Echo sounder: 2 x Furuno

Radar: Furuno x Band, Simrad S and HD Radar

Transponder:

AlS:

Furuno

DGPS:

Sailor

Sailor

Sailor

Sailor

Chart plotter: 2 x ECDIS Transas 4000 Paperless

Navtex: Furuno
Weather fax: Furuno
Log: Furuno

Wind instruments: Aimar 2000

Searchlights: 2 × Searchlights – Sanashi

Camera(s): $2 \times FLIR$ Cameras

8 x All-around security cameras

Lights: Underwater lights

COMMUNICATION EQUIPMENT

SATCOM: Cobham VHF: Sailor Sailor

Telephone exchange: Panasonic Hybrid

Intercom: Vingtor

Internet: Cobham VSAT, Pepwave 4G – 2 pieces

DECK EQUIPMENT

Anchor windlasses: MZ
Aft warping capstans: MZ

Anchors: $2 \times HHP 237 \text{ kgs}$

Anchor chains: I x 4 and I x 7 shackles

Boat crane & davits: Rossinavi and Opac Mare

Passarelle: Opac Mare
Side boarding ladder: Opac Mare

Jacuzzi: 4.00m custom jacuzzi

Swimming platform: Rossinavi
Awnings: 2 × Awnings

Covers: Covers for all decks

SECURITY & SAFETY EQUIPMENT

Safety: 4 x inflatable life rafts for 10 persons with SOLAS package A, SART,

portable

VFH

Life jackets – adult & child

Security: 8 x All-around security cameras
Fire fighting: Autronica fire detection system

Gianneschi main and emergency fire pump

FM200 ER fire protection system

Portable firefighting gear complies with Class / Flag requirements

TENDER & WATERSPORTS EQUIPMENT

Tender Ix 6.50 Castoldi 2 lft.





