

ZAZOU

49.8m (163' 4)

Benetti | 2017

Benetti 50m



SPECIFICATIONS

Built by	Benetti
Length	49.8m (163' 4)
Beam	9.3m (30' 6)
Draft	2.7m (8' 10)
Year	2017
Gross tonnage	498t
Material	GRP & Aluminium
Engines	2 x CAT 16,000HP
Speed	14/15 knots (approx)
Location	Shipyards
Price	Please Enquire

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1. CONSTRUCTION

GRP hull with aluminium superstructure

2. MAIN CHARACTERISTICS

General

Built by	Benetti
Year	2017
Length	49.8m/163' 4"
Beam	9.3m/30' 6"
Draft	2.7m/8' 10"
Classification	ABS +A1 Commercial Yachting Service
Flag	Malta
Gross tonnage	498t
Designer	Azimut-Benetti S.p.A. (Italy)
Naval Architect	Azimut-Benetti S.p.A.
Interior Designer	Bannenberg & Rowell Design

Capacities

Speed	14/15 knots (approx)
Range	4000 nm (approx) @ 12 (half load displacement): > 4,000 nm
Water capacity	11,000 Litres (2,905 US Gallons)
Fuel consumption	11,000 l (2,905.9 USG)

3. MACHINERY

Engines	2 x CAT 16,000HP
Engine hours	Port: 1,365hrs (1-Aug-2020) Starboard: 1,365hrs (1-Aug-2020) Range @ 12 (half load displacement): > 4,000 nm
Fuel	DIESEL
Propulsion	Twin Screw
Gearboxes	Gear Boxes: 2 x ZF 3356 gearboxes will be installed.

Generators

Generators	1 x CAT 125 kW + 1 x CAT 143 kW - 400V AC, 3-phase 50 Hz
Generator hours	Generator Hours: Port 2339 h, Stbd 2764 h (Sept. 2020)

Electricity

Electricity	400V AC 50 Hz, 3-phase for main equipment, 230V AC 50 Hz, 1-phase for small use •1 x 24V DC, gel set for emergency (capacity 640 Ah) •Radio Batteries: 1 x 24V DC, gel set for radio equipment (capacity 160 Ah) •Service Batteries: 1 x battery group (total capacity 480 Ah) in engine room, 1 x battery group (total capacity
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640 Ah) in wheelhouse for emergency lighting

- Engines Starting Batteries: 1 x battery (120 Ah capacity each) for each generator

- Engines Starting Batteries: 2 x batteries (200 Ah capacity each) for each engine

- Paralleling the port and starboard main engine start batteries

- Battery Chargers: 2 x battery chargers with change-over for main engines and generators, dedicated charger for service batteries

- Low Voltage System: 24V DC to supply auxiliary items and equipment

Shore Power Inlet Sockets: 1 x 125 A on transom and one 125 A at bow) and one shore semi-automatic stowing system in the garage, 125 A, cable length 25m 2 x shore power cables, length 25m each, of suitable section for the two 125 A connections Two of the three shore connections can be connected simultaneously

1 x 100 kVA, 400V (inlet) / 400V (outlet) 3-phase + N, 50 Hz shore insulation transformer

Batteries

24V DC batteries, installed in battery boxes as per Classification Society rules, all batteries

Air Conditioning

- Summer Conditions: External air 35° C, RH 85% / Internal air 22° C, RH 55%

- Winter Conditions: External air 0° C, / Internal air 22° C, RH 50%

- Maximum sea water temperature: 32 °C

Air Treatment Units: Air Purifier system installed in all fancoils and areas of the yacht

Bilge and Fire System: Each watertight compartment has a separate bilge suction connected through a bilge manifold to the electric pumps.

Bilge and fire pumps are installed with cross connections to be used for both bilge or fire systems

FM-200 Fire-Fighting System: Fixed FM-200 firefighting is installed to protect the engine room, additional FM-200 bottle installed outside the engine room

Other Machinery

Fin Stabilisers: 2 x NAIAD DYNAMICS stabilizer system with non-retractable fins for underway and at anchor speed operations

Bow Thruster: Electric bow thruster 90 kW, controlled from wheelhouse and bridge wings

Fuel Transfer Pumps: 2 x fuel transfer pumps, each with RACOR filters and fitted with a Y strainer (whose drip tray is connected to the sludge tank)

Fuel Separator: Fuel oil purifying system, capacity (average) 1.5 m³/h Fuel Oil Filters: 2 installed in each engine

Sewage Treatment System Grey Water Pumps

Fresh Water Pumps: 2 x electrical pumps with variable speed controllers model G&R ACM 402 BT 6- 12 m³/h 63-14 m H₂O, with pressure water tank (membrane type) for smoother operating

Hot Water Pumps: 2 x hot water circulating pumps, the hot water close loop is fitted with a thermometer and a thermostat

Water Makers: 2 x reverse osmosis water makers with a capacity of 7,500 l per day/each with all necessary gauges, filters, high- and low-pressure pumps (3-phase) and filter with reverse cycle cleaning.

Water Softener:

Water softener connected to the filling line of the tanks, treating water supplied from shore and from water makers

Water Heaters: 2 x electrical stainless-steel heating tanks each with 300 l capacity and 10 kW (5+5) heating elements each and double temperature sensors. These boilers are fitted with 1" 1/4 discharge connection on their bottom, each water heater includes drip tray draining to the bilge
Fresh Water Steriliser: A particle filter and an ultraviolet sterilizer is installed, with automatic chlorine dosing unit, after desalination plant and at filling point inlet

Sea Water Cooling Pumps: 1 x electric pump for stabilizers system cooling, each propeller shaft is provided with a flowmeter switch, to measure the flow rate of cooling sea water. A ball type sight glass is installed on sea water line to shaft line

4. ACCOMMODATION

Up to 12 + 1 Guests in 6 en-suite staterooms

- Master Cabin (double King-size island bed) on main deck with private study at the entrance, private terrace with balcony, His & Hers dressing rooms, His & Hers bathrooms, with tub and shower
 - 2 x VIP Cabins belowdecks, each with double island beds, walk-in closets, en-suite bathrooms
 - 2 x Twin Guest cabins belowdecks, each with additional Pullman beds and en-suite bathrooms
 - Massage room on upper deck, with en-suite bathroom, easily convertible to 6th (single) cabin by lowering a bed concealed in the cabin's wall
- Day-head on main deck
Day-head on sundeck
Panties on all decks
Stern beach club with day-head

5. COMMUNICATIONS, NAVIGATION & ENTERTAINMENT EQUIPMENT

Navigation Equipment

- 4 x 19" HATTELAND marine monitors
- 1 x VHF Class A GMDSS placed in wheelhouse
- SAILOR Fleet Broadband FB250 for data and VoIP
- 1 x VHF Class D placed in crew mess with remote unit in RT room
- 2 x SAILOR SP-3520 portable VHF, for GMDSS compliance
- 1 x control system (based on trackballs and jogs)
- 3 x commercial portable VHF's

- Gyrocompass: 1 x C-PLATH Navigat X Mk2 gyro compass with digital repeater for steering room
- 1 x conversion and switching systems (based on a video matrix)
- 1 x marine processor TRANSAS RS6
- Navtex System: paperless FURUNO NX-700-B Navtex
- EPIRB System: 1 x EPIRB SAILOR 406
- Intercom system
- Magnetophonic emergency telephone system between Wheelhouse, Engine Control room, Engine room (slave of ECR) and Lazaret emergency steering station
- Wheelhouse
- Engine Control room
- Engine room (slave of ECR)
- Lazaret emergency steering station
- Speed Log: 1 x speed Log system, IMO approved with transducer
- Echosounder: 1 x echosounder system, IMO approved with 2 x transducers one at the bow, one at the stern
- Magnetic Compass: 1 x C-PLATH Jupiter ceiling mounted magnetic compass with deviation table
- Wind System: 1 x WIND NMEA SYSTEM, with 2 x 6.5" monitors repeaters on bridge wings, an additional 6.5" monitor repeater with alarms in Captain Cabin
- Radars: 2 x radars FURUNO mod. 2117 with 6.5 ft antenna
- Autopilot: 1 x autopilot Navis AP3000 (wheelmark), with 2 x follow-up mini wheel on bridge wings
- GSM Phones: 1 x TELULAR cellphone SX-6
- GPS System: 1 x FURUNO GPS model GP-170, plus 1 x GPS active antenna with NMEA interface
- TRANSAS NS4000 software package (cartography included)
- SEA TEL 4012 Vsat system as option
- Horn: chromium-plated pneumatic horn with 3-tone automatic signal unit
- Telephone Units: 10 x Wi-Fi cordless, 15 x fixed VOIP telephones and 1 x door phone (part of BEST system)
- Radar Reflectors: 2 x radar reflectors SAILOR
- 1 x AIS system, integrated with cartography
- 1 x BNWAS system with 4 stations (wheelhouse, Captain's cabin, Crew mess and 1st officer's cabin)
- Engine Monitoring System: CAT integrated monitoring system, with a touch panel positioned in the wheelhouse
- 1 x SSAS SAILOR system, LRIT compliant

Entertainment Equipment

- **Main Saloon / Dining Area**
- 1 x TV 55" SAMSUNG LED 3D full HD 1080P
- 1 x "BEST" HD/3D A/V client
- 1 x SONY BD/DVD reader
- 1 x SONY BD/DVD reader
- 1 x DENON AVR-X4100 A/V Receiver, Wi-Fi, AirPlay, 3 multiroom zones
- 1 x High quality B&W speaker 7.1 system with powered subwoofer
- 1 x iPad mini retina 16GB, for A/V and domotics control
- 1 x High quality B&W speaker 5.1 system with powered subwoofer
- 1 x iPad mini retina 16GB, for A/V and domotics control
- External Upper Deck Aft (slave of sky lounge):
- 1 x Keyboard for volume control
- 2 pairs of APART 8" marine speakers
- **External Upper Deck Forward (slave of sky lounge)**
- 1 x Keyboard for volume control
- 1 pair of APART 8" marine speakers
- **Sun Deck**

- External Main Deck Aft (slave of main saloon)
- 1 x Keyboard for volume control
- 3 pairs of APART 8" marine speakers
- **Owner's Cabin**
- 1 x TV 55" SAMSUNG LED 3D full HD 1080P
- 1 x "BEST" HD/3D A/V client
- 1 x SONY BD/DVD reader
- 1 x DENON AVR-X4100 A/V Receiver, Wi-Fi, AirPlay, 3 multiroom zones
- 1 x High quality B&W speaker 5.1 system with powered subwoofer
- 1 x iPad mini retina 16GB, for A/V and domotics control
- **VIP/ Guests Cabins (x 4)**
- 1 x TV 32" SAMSUNG LED full HD 1080P
- 1 x "BEST" HD/3D A/V client
- 1 x DENON AVR-X3100 A/V Receiver, Wi-Fi, AirPlay, 2 multiroom zones
- 1 pair of B&W speakers
- 1 x iPad mini retina 16GB, for A/V and domotics control
- **Captain's Cabin**
- 1 x TV 32" SAMSUNG LED full HD 1080P
- 1 pair of B&W speakers
- 1 x YAMAHA MCR-750 Micro Hi-Fi system – BD/DVD player –USB connection
- **Engineer's Cabin**
- 1 x PIONEER DVH-340UB CD player with frontal USB connection
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- 1 pair of APART 6" speakers
- **1st Mate Cabin**
- 1 x PIONEER DVH-340UB CD player with frontal USB connection
-
- 1 pair of APART 6" speakers
- **Crew Cabins (x4)**
- 1 x PIONEER DVH-340UB CD player with frontal USB connection
- 1 pair of APART 6" speakers
- **Crew Mess**
- 1 x TV 32" SAMSUNG LED full HD 1080P
- 1 x YAMAHA MCR- 750 Micro Hi-Fi system – BD/DVD player –USB connection
- 1 pair of APART 6" speakers
- **Galley**
- 1 x PIONEER DVH-340UB CD player with frontal USB connection
- 1 x Marine CD/mp3 Player – Radio Tuner
- Large Projector screen / Outdoors cinema mounted on posts
- 4 Pairs of marine speakers
- **Engine Control Room**
- 1 x PIONEER DVH-340UB CD player with frontal USB connection
- 2 pair of APART 6" speakers
- **Wheelhouse**
- 1 x PIONEER DVH-340UB CD player with frontal USB connection
- 1 pair of APART 6" speakers
- Laundry
- 1 x PIONEER DVH-340UB CD player with frontal USB connection
- 1 pair of APART 6" speakers
- **DOMESTIC APPLIANCES**
- Dumb waiter serving all decks Crew Laundry
- 2 x Washers ZANUSSI/MIELE
- 2 x Dryers ZANUSSI/MIELE
- 1 x Fridge AEG ELECTROLUX/MIELE
- 1 x Dishwasher ZANUSSI/MIELE
- **Lower Deck Guest Lobby**
- 1 x Mini Fridge VITRIFRIGO
- **Galley**
- 1 x Convection Oven ZANUSSI/ELECTROLUX/MIELE
- 1 x Steam Oven ZANUSSI/ELECTROLUX/MIELE
- 2 x Fridge-Refrigerator ZANUSSI/ELECTROLUX/MIELE
- 3 x Burner electric ZANUSSI/ELECTROLUX/MIELE
- 1 x Fryer ZANUSSI ELECTROLUX/MIELE
- 1 x Hood ZANUSSI ELECTROLUX/METALTEK
- 1 x Dishwasher ZANUSSI/ELECTROLUX/MIELE
- 1 x Garbage macerator INSINKERATOR
- 1 x Ice Maker HOSHIZAKI
- **Main Deck Pantry**
- 1 x Glass Washer ZANUSSI ELECTROLUX/MIELE
- 1 x Microwave ZANUSSI/MIELE
- 2 x Wine Cellar EUROCAVE 70 bottles each
- **Owner's Study**

- 1 pair of APART 6" speakers
- **Sky Lounge**
- 1 x TV 55" SAMSUNG LED 3D full HD 1080P
- 1 x "BEST" HD/3D A/V client
- 1 x SONY BD/DVD reader
- 1 x DENON AVR-X4100 A/V Receiver, Wi-Fi, AirPlay, 3 multiroom zones
- 1 x High quality B&W speaker 7.1 system with powered subwoofer
- 1 x iPad mini retina 16GB, for A/V and domotics control
- **Media Room**
- 1 x TV 55" SAMSUNG LED 3D full HD 1080P
- 1 x "BEST" HD/3D A/V client
- 1 x SONY BD/DVD reader
- 1 x DENON AVR-X3100 A/V Receiver, Wi-Fi, AirPlay, 2 multiroom zones
- 1 x Mini Fridge VITRIFRIGO
- Upper Deck Pantry:
- 1 x Glass Washer ZANUSSI/ELECTROLUX/MIELE
- 1 x Microwave ZANUSSI/MIELE
- 1 x Fridge AEG/ELECTROLUX/MIELE
- **Upper Saloon Bar**
- 1 x Ice Maker HOSHIZAKI
- 1 x Mini Fridge VITRIFRIGO
- **Sun Deck**
- 1 x Ice Maker HOSHIZAKI
- 1 x Mini Fridge VITRIFRIGO
- 1 x Barbecue ALPES Inox

6. DECK EQUIPMENT

- Anchor Windlasses: 2 x 380V AC 3-phases vertical windlasses Capstans: 2 x single speed electric capstans on the aft deck
- Gangway: Stainless steel hydraulic telescopic retractable stern gangway
- Manual Side Boarding Ladder: 1 x removable eight steps ladder 19" (480 mm) walkway for side
- access to the main deck through the bulwark doors, mounted on side bulwark gates
- Swimming Ladder: 1 x hydraulic and recessed polished stainless-steel ladder on the swimming platform
- Beach Club Shower: removable, in Inox, installed on the swim platform
- Cranes for Tenders: Tender launch and recover overhead crane installed in the garage, hydraulically operated, with a lifting capacity of max 2500 kg
- Hydraulically operated additional crane installed on the fore deck to launch and recover the rescue boat with a lifting capacity of 750 kg,
- Pools: 1 x Jacuzzi whirlpool on bow deck, model ALIMIA Experience, with flood lights and overflow system. 12 kW heater with easy access to limit the cushions removal and underwater lights
- Deck Washing Pump: Electric pump system connected to an expansion tank
- Bridge Control Wings: Port & Starboard on upper deck
- Main Mast: Aesthetic aluminium alloy main mast with platforms and other adequate supports for navigation and communication antennas and satellite dishes, masthead wind unit, navigationlights,flags
- Forward Mast: Aesthetic horseshoe aluminium alloy forward mast with navigation lights
- **TENDERS AND WATER TOYS**
- Tender: 1 x NOMATECH 6.5m Tender, with VW 230 Hp inboard engine, max weight 2500 kg
- Small tender of diesel engine type can be stowed in the ship's bow, max dimensions 4.0 x 2.0 x 1.00,
- max weight 750 kg
- Jet Skis: 2 x Jet-Skis can be stowed in the ship's bow, max dimensions 3.0 x 1.05 x 1.00, max weight 400 kg (not supplied)
- Rescue Boat: ZODIAC 3.5m MOB with YAMAHA 15 Hp Outboard stowed in the ship's bow as per Flag
- Authority Requirements

7. EXCLUSIONS

A complete list of exclusions is available upon request.



2 -1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46



2 -1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46

SUN DECK



2 -1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46

UPPER DECK



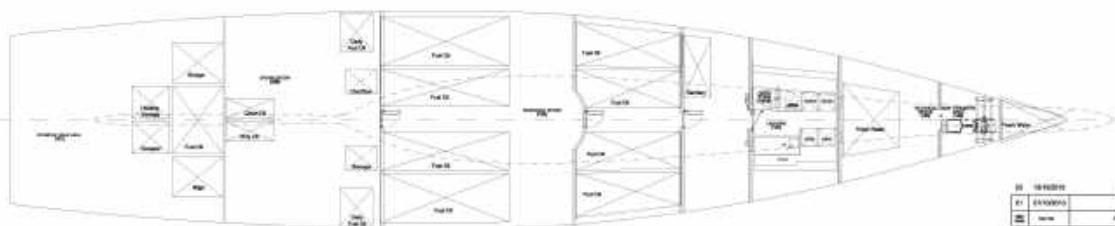
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MAIN DECK



2 -1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46

LOWER DECK



2 -1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37

UNDER LOWER DECK

01	000000	general notice			
02	000000	general notice			
03	000000	general notice			

		NEW MOTOR YACHT 80 MT General arrangement Piano generale		A0
Scale: 1:75	Date:	Author:	Designer:	Check:
Project: FB 802	Client: 802-0101	Date: 02	Sheet: 1/1	Code: 802-0101-02-01
				Date: 24/04/2013











