

## BIJOUX II — MOONEN



**Builder:** MOONEN

**Year Built:** 2016

**Model:** Motor Yacht

**Price:** PRICE ON APPLICATION

**Location:** Spain

**LOA:** 97' 10" (29.80m)

**Beam:** 23' 0" (7.00m)

**Max Draft:** 6' 7" (2.00m)

**Cruise Speed:** 11 Kts. (13 MPH)

**Max Speed:** 13 Kts. (15 MPH)

Our experienced yacht broker, Andrey Shestakov, will help you choose and buy a yacht that best suits your needs **BIJOUX II — MOONEN** from **our catalogue**. Presently, at **Shestakov Yacht Sales Inc.**, we have a wide variety of yachts available on **our sale's list**. We also work in close contact with all the big **yacht manufacturers** from all over the world.

If you would like to buy a yacht **BIJOUX II — MOONEN** or would like help answering any questions concerning purchasing, selling or chartering a yacht, please call **+1(954)274-4435**

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# SPECIFICATIONS

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## Basic Information

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**Category:** Motor Yacht

**Sub Category:** Displacement

**Model Year:** 2016

**Year Built:** 2016

**Country:** Spain

## Dimensions

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**LOA:** 97' 10" (29.80m)

**Beam:** 23' 0" (7.00m)

**Max Draft:** 6' 7" (2.00m)

## Speed, Capacities and Weight

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**Cruise Speed:** 11 Kts. (13 MPH)

**Max Speed:** 13 Kts. (15 MPH)

**Gross Tonnage:** 198 Pounds

**Water Capacity:** 1320.86026 Gallons

**Fuel Capacity:** 6340.129248 Gallons

## Accommodations

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**Total Cabins:** 4

**Sleeps:** 10

**Crew Cabin:** 3

**Crew Sleeps:** 5

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## Hull and Deck Information

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**Hull Material:** Steel

**Hull Configuration:** Full Displacement

**Hull Designer:** Diana Yacht Design BV

**Exterior Designer:** Rene van der Velden

**Interior Designer:** Adam Lay Studio

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## Engine Information

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**Engines:** 2

**Manufacturer:** CAT

**Model:** C18 ACERT DITA

# DETAILED INFORMATION

## Detailed Description

### 1. MAIN

#### CHARACTERISTICS

<b>TYPE</b>	Displacement Motor Yacht
<b>HULL NO.</b>	No. 198 Moonen Matica
<b>BUILDER</b>	Moonen Shipyards BV
<b>NAVAL ARCHITECT</b>	Diana Yacht Design BV
<b>EXTERIOR DESIGN</b>	Rene van der Velden
<b>INTERIOR DESIGN</b>	Adam Lay Studio
<b>YEAR</b>	2016
<b>CLASSIFICATION</b>	Lloyd's Register EMEA for class notation + 100A1, SSC, Yacht Mono, G3, [+] LMC & the Q MCA LY3 short range
<b>CONSTRUCTION</b>	Grade A Steel Hull, Aluminium Superstructure
<b>PAINT</b>	Hull & Superstructure fully repainted Winter 2016/17 All repainted areas warrantied until March 2018
<b>CREW</b>	5 Crew in 3 cabins
<b>FLAG</b>	Malta
<b>ENGINES</b>	2 x 600 hp / 447 kW CAT C18 ACERT DITA
<b>GT</b>	198 tons

### 2. DIMENSIONS

<b>LOA</b>	<b>29.80m / 98'</b>
<b>BEAM</b>	<b>7.00m / 23'9"</b>
<b>DRAFT</b>	<b>2.00m / 6'6"</b>

### 3. SPEED & RANGE

#### UNDER POWER

<b>MAXIMUM SPEED</b>	13 knots @ 80 % load
<b>CRUISING SPEED</b>	11 knots @ 50% load and 85% rpm 3,300 nm @ 9 knots (with
<b>RANGE</b>	20% reserve)

**FUEL CONSUMPTION** 10 knots – 60L/hr\*

12 knots – 90L/hr\*

\*Total for 2 x main engines & 1 x generator consumption figures are approximate and speed dependent on sea state

#### 4. CAPACITIES

**ACCOMMODATION** 10 x Guests in 4 cabins

**CREW** 5 x Crew in 3 cabins ( 2 x twin, 1 x Captain's cabin)

**FUEL** 24,000 litres / 6,340 US gallons

**FRESH WATER** 5,000 litres / 1,320 US gallons

**WASTE WATER** 1,000 litres / 264 US gallons

**LUBE OIL** 300 litres / 79 US gallons

**DIRTY LUBE OIL** 300 litres / 79 US gallons

#### 5. ACCOMMODATION

Arriving on board via the port side passerelle, you reach a very large aft deck with seating for 8 in comfort or up to 10 maximum, and stairs up to the sundeck located on port side. Behind you to starboard are wide comfortable stairs leading down to the very large (approx. 20sq.m) swim platform, fitted with built in rain-shower and water stairs.

##### MAIN SALOON

On entering the yacht you are welcomed through the electrically operated (and noiseless) sliding door into a spacious Saloon with large panoramic picture windows on both sides. The seating area is to port, with to starboard a large concealed Television.

##### DINING AREA

Forward of the saloon is a dining area which seats 8 comfortably or 10 maximum, to port of which forward is the access to the pantry (automatically operated and with kick plate for easy service). In the pantry there are also tea and coffee making facilities for guests to make themselves a quick cup of tea in the absence of a crew member.

##### GALLEY

Forward of the pantry is the galley, fitted with a full suite of Miele and Gaggenau commercial-standard galley and laundry equipment.

##### CREW AREA

From the Galley, stairs lead down to the spacious crew area with seating for 5 crew, 1 x Captain's cabin (double bed), and 2 x further twin crew cabins for a total of 5 crew.

## **OWNER'S CABIN & GUEST ACCOMODATION**

Back on the main deck, access to the guest accommodation is via a passageway on the starboard side. From here the passageway forward takes you to the VIP cabin, with wrap-around windows offering panoramic views and an en suite bathroom.

Taking the guest stairs below you arrive in the guest lobby, complete with guest fridge, perfect for that midnight snack or cold drink without needing to bother the crew.

Aft is the full beam Owner's cabin, incredibly spacious for a yacht of this size utilising as it does the full width of the yacht. A super king-size bed is centrally located, with the Owner's bathroom located to port and a desk/vanity to starboard.

Partly as a result of its location in front of the Engine room, enormous care was taken by the shipyard to fully isolate the Owner's cabin from all noise and vibration, with truly impressive results of less than 50 dBA in this area even when fully underway at cruising speed, exceptional for a yacht of this size and figures more in keeping with a 60 metre yacht.

Forward of the Owner's cabin are 2 x twin guest cabins, both with full-size Pullman berths so that in total the yacht can sleep 10 adult guests at full complement. One of the twin cabins also has the capability to easily convert to a double with very little effort, providing useful flexibility depending on the guest party.

## **PILOTHOUSE & SUNDECK**

Ascending the stairs to the main deck and then another flight brings you up to the raised pilothouse with bench seating. Aft from here going up several stairs again you arrive on the sundeck, with a large covered seating area to starboard, plus a wet bar, ice machine and service area to port. Behind the main seating area is another seating area with a table which can also be lowered electrically to form part of a large square sunbed if required. Further loose sun loungers are located on the deck aft of this area, spacious and unencumbered by the 4.5 metre tender which is located in the garage and allows this area to be fully for guest use at all times while still being of decent size.

Located on the bow is a further outdoor seating area, perfect for sitting at on arrival into a new destination, and making a total of three outdoor relax areas.

## *6. MECHANICAL QUIPMENT*

<b>ENGINES</b>	2 x 600 hp / 447 kW CAT C18 ACERT DITA
<b>ENGINE HOURS</b>	1,560 hours approx. as of March 2018 Full warranty until June 2018
<b>GEARBOX</b>	Twin disc 5135 SC
<b>PROPELLER</b>	Fixed pitch five blades
<b>RUDDER</b>	Spade rudders with a NACA-shaped cross-section
<b>STEERING</b>	Double ram system (2 x 35° angle)
<b>EMERGENCY STEERING</b>	Manual steering position in the lazarette

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<b>CONTROLS</b>	Bosch Rexroth Marex OSII electrical controls at every helm station for main engine rpm and gearbox Control stations on Bridge, Sundeck & aft deck, both engines can be synchronised
<b>GENERATORS</b>	2 x 40kW generators
<b>GENERATOR HOURS</b>	2,500 hours approx. as of March 2018
<b>SHORE POWER</b>	400V 63A / 1 6mm <sup>2</sup> cable, length 25m
<b>TRANSFORMER</b>	MAGNUS Marine Air cooled SP100 50kVA system Including “Clean Net” system to control power fluctuations and automated power management system for worldwide shorepower use Input voltage: 3 phase 400V / 50Hz Output power: 3 phase 400 / 230V /5 0H
<b>BATTERIES</b>	2 x 24V-100Ah Sets - main engines/generators start 1 x 24V-400Ah set service set for navigation lights, auxiliary circuits, etc 1 x 24V-600Ah set emergency for Navigation/emergency lights, radio 1 x Reserve radio (GMDSS) set 24V-85Ah
<b>CHARGERS</b>	1 x For service battery in ER - 24VDC-100A capacity 2 x For start batteries in ER - 24VDC-15A capacity 1 x For emergency battery - 24VDC-100A capacity 1 x For radio (GMDSS) battery - 24VDC-15A capacity
<b>MAIN PANEL</b>	400V distribution system 230Vac distribution 24Vdc distribution (service) 24Vdc distribution (emergency)
<b>DC / AC INVERTER</b>	24VDC into 230v coming from Sine Wave 2500 system providing 230V-50Hz on-board from the service battery
<b>STABILISERS</b>	CMC electrical fin stabilisation system at zero speed and underway
<b>BOWTHRUSTER</b>	40kW twin propeller operated from all stations



<b>HYDRAULIC SYSTEM</b>	With PTO hydraulic pumps
<b>AIRCONDITIONING</b>	Mediterranean style (w/ chilled water cooling plant) Controls in each cabin, Dedicated unit for AV rack Instant switch between heating & cooling functions
<b>AIRCOMPRESSOR</b>	Compressed air points in Engine room, garage & foredeck
<b>ER VENTILATION</b>	2 x Ventilation openings (intake & outlet) with Fire Flaps & spray preventer
<b>FRESH WATER SYSTEM</b>	Twin UV filters, automatic dosing
<b>WATERMAKER</b>	Idromar with a maximum capacity of 6,500 l/day
<b>SEWAGE SYSTEM</b>	Hamann Super Mini Plus treatment system (MARPOL Compliant 2016)
<b>HOT WATER</b>	2 x Boiler in carbon filter with external electrical heater and UV-steriliser installed after the pump in the ER
<b>PUMPS</b>	2 x Bilge pump in Lazarette, also used for Firefighting (1 x in ER; 1 x Emergency pump) 2 x Main Engine cooling pumps used as emergency direct bilge for the engine room 1 x Water a circulation pump
<b>UNDERWATER LIGHTS</b>	8 x Underwater lights installed aft in U-shape around stern
<b>MARINE GROWTH</b>	MME Marine Growth Preventer System (MGPS) installed to protect piping and any other systems using seawater
<b>ALFA LAVAL</b>	Alfa Laval MB 303 fuel cleaning system
<b>TENDER REFUELLING</b>	Tender re-fuelling station in Lazarette to quickly & easily refuel the tender
<b>OILY WATER SEPARATOR</b>	IMO/MARPOL Approved oily water separator installed to separate clean from dirty water in bilges, discharging clean water over the side and retaining dirty water in the dirty oil tank for safe and eco-friendly disposal

## 7. NAVIGATION EQUIPMENT

<b>MONITORING SYSTEM</b>	Maritime Personal Assistant (MPA) remote
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controlled; M&C system by Tijssen Elektro (Holland) spread throughout the yacht with touch screen command posts in Engine room, Bridge & Crew Mess. All units integrate through a LAN network. All vital systems can be monitored and controlled from several locations.

Remote diagnostics capable

## **LIGHTING**

Navigation lights by Aqua Signal, (type 55)

Interior lights by Biticino Living

## **AUTOMATIC PILOT**

Simrad, Controls in Bridge, sundeck & aft deck

## **AIS**

Simrad NAIS400 class B

## **BNWAS**

Bridge navigational watch alarm system

## **CHART PLOTTER**

Simrad NSO Evo2 blackbox system currently running Navionics charts but compatible with several other suppliers, system runs 2 separate screens simultaneously

## **CAPTAIN'S CABIN**

Simrad NSE display (Plotter & Radar) can be programmed to alert for anchor drift, high wind, high / low depth and other alarms

## **GAUGES**

1 x Set of three brass chrome plated nautical gauges; barometer, hydro/temperature & clock

## **SHIP'S BELL**

1 x Cast bronze chrome (diameter 300 mm)  
High polished brass/chrome bell bracket with deck light on the fore deck

## *8. COMMUNICATION EQUIPMENT*

### **USAT30**

Satellite Internet and VOIP (voice) lines x 2

### **VHF**

Bridge, Sundeck, Crew Mess

### **SAT C**

New generation, PC based System using "Easymail"

### **IRIDIUM**

Satellite phone

### **MF / HF RADIO**

Sailor 6310

### **IT NETWORK**

Pepwave based unit for Wifi, 4G, 3G & Satellite internet access, additional fixed connection options installed in every cabin

## *9. DECK EQUIPMENT*

<b>ANCHOR WINDLASSES</b>	2 x Muir VRC 4500 electric on the foredeck
<b>BOLLARDS</b>	8 x Steel double bollard combinations
<b>AFT WARPING CAPSTANS</b>	2 x Muir VC2500 between bollards - aft deck
<b>MOORING</b>	6 x Mooring lines Ø 24mm and length of 25 m 1 x Mooring line Ø 24mm and length of 50 m 10 x Fenders - 8 type F7 cylindric; 2 type 5 ball
<b>ANCHORS</b>	2 x 125kg galvanised steel balanced Pool-N, in anchor pockets
<b>ANCHOR CHAINS</b>	2 x 14 mm short link galvanised steel, stowed in a chain well (protected with hardwood lining) in the forepeak accessible via a deck scuttle hatch
<b>BOAT CRANE &amp; DAVITS</b>	Hydromar Boom crane for tender launching
<b>PASSERELLE</b>	Hydromar 3 part telescoping pasarelle
<b>SWIMMING LADDER</b>	Removable stainless steel with Teak steps
<b>SIDE BOARDING GANGWAY</b>	Removable aluminium
<b>SWIMMING PLATFORM</b>	Folding 20sq.m swim platform, with hydraulic shock absorbers Stanchions to make a rope hand rail around the platform Hot & cold removable S/S Shower and swim ladder
<b>TENDER WHIPS</b>	1 x Set Taylormade tender whips, mounting points on Pt & Stbd sides of hull
<b>UMBRELLA / PARASOL</b>	Large Stainless Steel umbrella, can be mounted on port side or stbd side foredeck
<b>COVERS</b>	Full compliment of Waterproof covers for all Cushions, Table & Umbrella
<b>10. ENTERTAINMENT EQUIPMENT</b>	
<b>SATELLITE TV</b>	Capable of displaying all Satellite TV packages including Sky TV
<b>INTERNET TV</b>	E3 systems IPTV - displays all main UK channels via internet connection including BBC etc.
<b>BLUETOOTH</b>	Allows music to be played from guest phones and other Bluetooth media with dedicated control stations & speakers on foredeck, sundeck, aft deck, main saloon and all guest cabins Samsung flat screen TV's with OPPO control

**GUEST CABINS**

system  
for DVD (including Blu-ray), TV or HDMI viewing

*11. GALLEY & LAUNDRY EQUIPMENT***GALLEY**

Miele fan oven (Extra wide / whole fish capable)  
Gaggenau Multi-zone induction hob  
Gaggenau extractor fan  
Miele Microwave oven  
Miele Fridge  
Miele Freezer  
Miele dishwasher

**BILGE**

Miele fridges (x 2)  
Miele Freezer  
CaterCool wine chillers – 24 bottles (x 2)  
Extensive storage racks for food, drinks & spares

**PANTRY**

Miele washing machine  
Miele tumble dryer  
ZipWater dispenser (Boiling & chilled water)

**GUEST LOBBY**

Miele washer / dryer (combi)

**SUN DECK**

Isotherm drinks fridge  
Oshizaki ice maker  
Teppanyaki style BBQ grill plate  
Electric table legs, table can be lowered to make a sun lounge or raised to form a second table  
Bluetooth music system  
Wet bar with sink and food prep area

*12. SAFETY & SECURITY EQUIPMENT***FIREFIGHTING**

- NOVEC fire extinguishing system in Engine Room
- Freestanding fire extinguishers in the accommodation areas according to regulations

**SECURITY**

- Remote Alarm Monitoring; text alerting system can instantly notify crew of Any alarm, for use if the vessel is left unmanned in port

- Intruder alarm for use if vessel is left unmanned in port
- 4 x Cameras with tilt /pan / zoom functions (1 x ER; 2 x Side deck / aft deck, 1 x Sundeck)
- 2 x A4-sized safes (1 x Owner's cabin, 1 x Captain's cabin)

### **SAFETY**

- 4 x Eight-person life rafts w/ SOLAS A-pack in a GRP container positioned on the upper deck sides, connected with hydrostatic releases
- 4 x Lifebuoys at superstructure in a recess (2 x with MOB-lights, 2 x with floating lines)
- Stainless steel jack holder on the bow, capable of flying a 50 x 70 cm flag
- 2 x 2.25 m aluminium telescopic boat hooks
- 2 x Fold-away black signal balls
- 1 x SART
- 1 x EPIRB
- 2 x Firefighting BA SETS, plus additional 4 bottles
- 5 x Rocket Flares
- 1 x Jason's Cradle for MOB recovery
- 1 x Defibrillator
- 1 x Folding emergency stretcher

### *13. TENDER & WATERSPORTS EQUIPMENT*

#### **TENDER**

- 1 x Williams Turbojet 505 (110 hours September 2017) 8 person, 5.05m long x 1,1m high with Bimini spray hood
- Yanmar 110hp Diesel inboard engine

#### **WATER SPORTS (All brand new 2016)**

- Jobe "Banana"
- 2 x Jobe Donuts
- Jobe 3 man inflatable
- 2 x Red Ride SUP paddleboards
- MiniCat Emotion Inflatable Sailing Catamaran
- Waterskis & monoski
- 2 x Wakeboards
- 5 x Fishing rods
- 2 x Hand fishing lines
- 10 x Buoyancy aids

- 10 x Rash vests
- 10 x Snorkel & mask sets
- 10 x Fins / flippers

## **DIVING**

- Diving compressor – Bauer junior

## *14. COMMENTS*

An evolution of Moonen's proven and highly successful 97 platform, BIJOUX II was conceived by her Owner to be a pocket megayacht that could circumnavigate the globe as safely and comfortably as possible, with minimal emissions and maximum autonomy. Great care was taken with her stabilisation and noise and vibration dampening during the build, and her guests and crew report that life on board is exceptionally peaceful.

As a result of this attention to detail BIJOUX II has minimal vibration and noise disturbance for a yacht this size, to the extent that it is difficult for a guest sleeping in a guest cabin to even be aware that the vessel is underway without visual confirmation via a porthole. More scientifically, while underway at her typical cruising speed of 11 knots, she has recorded noise levels of less than 50 dBA in the main saloon and owners' suite, both of which are located near the engine room. Figures are even lower for the guest and VIP cabins. 50dbA is equivalent to the noise level of a quiet suburban street (without traffic).

Built with a strong but lightweight steel hull and aluminium superstructure, the commissioning Owner has equipped BIJOUX II with every possible option required for global cruising. The specified options include a Magnus electrical system with frequency converter for worldwide shorepower use, Glendinning cable master, upgraded watermakers, oversized freshwater capacity, fuel treatment plant, oily-water separator and Hamann black water treatment plant. All of these options were specified by the Owner to give BIJOUX II optimum self-sufficiency and result in minimum emissions, as well as being fully MARPOL compliant to 2016 regulations worldwide, which means no marine park or protected area is out of reach. With transatlantic range and a full complement of modern audiovisuals and guest comforts, BIJOUX II literally lacks nothing that you might expect on a 50 or 60 metre yacht, except the crew and running cost of course...

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## **Exclusions**

Owner's personal belongings.

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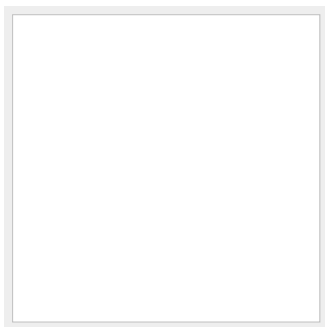
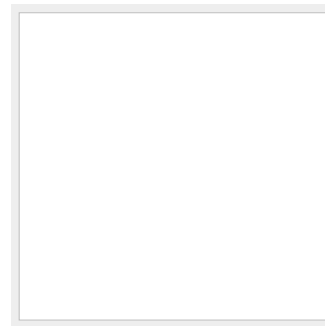
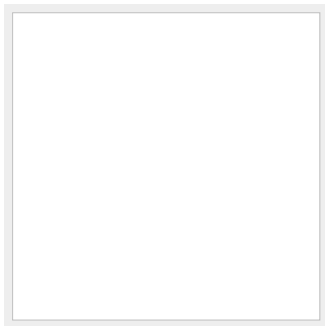
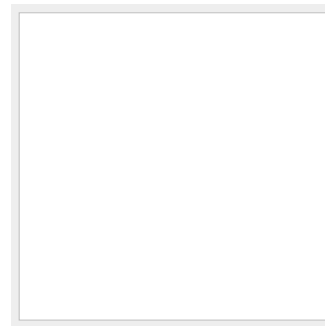
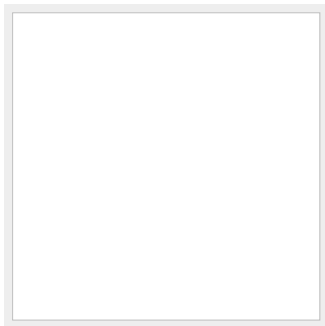
## **Disclaimer**

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# PHOTOS

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# CONTACTS

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Sunday: **closed**

## Address

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