



# SIRENA 118

STANDARD SPECIFICATION

EUROPE VERSION



## DIMENSIONS AND MAIN CHARACTERISTICS

Length Overall L <sub>OA</sub>	36 m / 118'
Hull Length L <sub>H</sub> ISO 8666	34 m / 111'
Hull Beam BHmax ISO 8666	7,9 m / 25'
Gross tonnage (ITC '69)	265 GT
Cabins	6 cabins (12 people)
Heads	7
Crew	5 + 2 people)
Building materials	GRP
Hull Type	Fast Displacement
Exterior design	Sirena Design Team
Interior decor	Cor D Rover
Hull design	German Frers
Engines	2 x 1550 HP MAN V12 2 x 1900 HP MAN V12
Cruising speed	15 knots
Max speed	18 knots 21 knots (with opt. engines)
Certification	RINA Pleasure Craft

\*NOTE: All performance specified in the table above are design data and applies to a standard configuration boat (standard equipment installed as per this standard list) with clean keel, propellers, and rudders. Furthermore, the performance levels indicated above have been defined under good sea and wind conditions (Beaufort Scale level 1, Douglas Scale level 1, ambient T < 25°, seawater T =15°, atmospheric P = 103250 Pa) with 2 people on board, 25% fuel, and fresh, grey and black water tanks empty. Different or harsher sea conditions and additional selected optional equipment may affect the performance.

## CONSTRUCTION & HULL

- GRP hull stiffened with longitudinal stringers and transverse sandwich bulkheads
- All around insulation & floating floor & box in box furniture system to absorb noise and vibration
- The laminate's mechanical and chemical characteristics will be confirmed through material testing as per Classification Society standards.
- Antifouling paint
- Anchor pocket in stainless steel recessed into the hull

## PROPULSION & STEERING SYSTEM

- Nr. 2 MAN V12 1550 HP Main Engines with ZF Gearbox
- Electronic engine and gear shift control systems
- Elastic couplings
- Marinox shafts and mechanical seals
- 5-blade Nibral propellers
- Aluminum bronze shaft supports
- Nibral rudders
- Engine driven tunnel type bow-thruster with dual station controls
- Power-assisted electro hydraulic steering system

## NAVIGATION ELECTRONICS

- Nr. 2 19" MO19-T Multi-touch Monitor Halo
- 2000 Pulse Compression Radar
- Sailor 7222 VHF DSC Class A
- A2004 Autopilot Pack
- IS42 Digital Display
- GPS antenna
- Nr. 2 Compass

## MOORING

- Nr. 2 anchors at sides (HHP HV fully balanced anchor galvanized steel)
- Nr. 2 hot dip galvanised chain
- Stainless steel protection
- Nr. 2 vertical windlass/anchor winch at bow with AC motor
- Nr. 2 chain stoppers
- Nr. 2 mooring capstans at stern with horizontal DC motor
- Nr. 4 stainless steel bollards at stern
- Nr. 2 stainless steel cleats at aft platform
- Nr. 4 stainless steel bollards at bow
- Nr. 2 stainless steel cleats at bow

## EXTERIOR

### SUNDECK

- Anti-skid finish floor
- Stainless steel pulpit side stanchions and guardrails
- Nr.2 L shape sofa with coffee table
- Table up to 8 people
- Wetbar units and storages
  - Barbeque
  - Fridge (70 lt)
  - Sink unit
  - Storage
- Teak laid stairs from upperdeck to sundeck on starboard side
- Acrylic glass windshield
- Fashion plates
- Courtesy lights
- Navigation lights
- Horn
- Exterior light switches

## UPPERDECK

- Teak laid floor
- Teak laid upperdeck stairs
- Stainless steel pulpit side stanchions and guardrails
- Table up to 10 people

## UPPERDECK SALOON & DINING ROOM

- L shape sofa and seating area with coffee table
- Bar unit with storage
- Hi-Lo TV unit
- Stairs to the main deck

## WHEEL HOUSE

- Two adjustable leather helm seat seats at starboard side  
*Professional helm station equipped with:*
  - MAN engine display
  - MAN engine throttle
  - Navigation instruments
  - Chain counter
  - VHF
  - Bow thruster control
  - Magnetic compass
  - Navigation light switches
  - Wireless charger
  - Bilge pumps activator
  - Horn switch
  - Chain wash down switch
  - Cup holder
- AC/DC power sources
- Generator Start/Stop panel
- 220 V sockets
- USB sockets
- Engine room fire extinguisher activation
- Access to lobby via interior stairs
- Storage on each side of dashboard
- Leather covered wheel
- Wooden flooring
- LED lighting
- Triple window wipers
- Exterior light switches

## AFT PLATFORM & GARAGE

- Step covered in teak to the main deck
- Teak flooring in beach club
- Hydraulic tenderlift platform with 1,000 kg working load capacity
- Tender launching system
- Manuel swimming ladder
- Garage door with storage area
- Nr. 2 stainless steel cleats at aft sides
- Telescopic gangway with remote control and teak grating
- Courtesy lights
- Fresh water inlet/outlet

## **COCKPIT & SIDE WALKING**

- Sofa and teak top table up to 4 people
- Teak laid floor
- Teak laid upperdeck stairs from starboard side
- Teak laid side walking
- Teak laid bulwarks
- Stainless steel pulpit side stanchions and guardrails
- Access to crew cabin/galley via pantograph weathertight door from side walkway
- Nr. 2 fashion plates with Sirena Yachts logo
- Dimmered lights
- Two side boarding gates in GRP for guests
- Emergency shut off panel
- Control panel for garage door, gangway and tenderlift platform
- Safety gates for aft entrance
- Speakers
- Shore connection for black water discharge
- Nr. 2 weathertight doors on the superstructure sides in steel/aluminum
- Fuel filling point on both sides of the superstructure

## **INTERIOR**

### **MAIN DECK**

#### **SALOON & DINING ROOM**

- Full floating sound dampening floor system
- Sound-insulated bulkheads
- Carpet flooring
- Nr.2 sofa with coffee table
- Nr.1 55" TV unit at starboard
- Table up to 10 people at dinette
- Nr. 10 dining chairs
- Saloon manuel sliding glass door at the saloon entrance
- Access to galley and crew area at port fore side with sliding door
- Access to corridor at starboard side with sliding door
- Stairs up to upperdeck corridor at starboard side with sliding door
- Stairs down to lower deck at starboard side
- Dimmered saloon lights
- LED courtesy lights
- Curtains
- Floating floor insulation above the engine room on saloon side to reduce noise & vibration
- Full height windows on each sides
- Half height storage cabinets on sides of the passage from saloon to dining area
- Sockets
- A.C. control panel
- Speakers

#### **DAY HEAD**

- Located on main deck
- Single sink unit
- Electric toilet
- Mirror
- Air extraction
- Solid acrylic floor and countertop
- Solid acrylic walls

## **GALLEY**

- Access to dinette with a door
- Access to side walking with a door
- Access to crew area with a door
- Vinyl flooring
- Low and high cupboards
- Full height refrigerator + freezer 220V
- Solid acrylic worktop
- Stainless steel sink with water mixer
- Four-hob glass ceramic induction cooktop with stainless steel pan holder
- Oven
- Dishwasher
- Extraction hood
- LED spotlights
- Air condition outlet
- Sockets
- Dimmered lights
- Venetian blinds
- Removable pot holder

## **MASTER CABIN**

- Full floating sound dampening floor system
- Sound-insulated bulkheads
- Double bed
- Nr. 2 reading lights
- Nr. 2 nightstands with drawer
- Full height side windows on each side of the cabin
- Courtesy lighting
- Roman blinds
- Carpet floor
- Wardrobes
- Desk with pouf/armchair at starboard side
- Nr. 1 single chairs and coffee table at port side
- Soundproof carpet underlay to absorb walking noise on deck
- Nr.1 55" TV unit
- Access to fore deck from master cabin with weathertight door
- Walk-in wardrobe
- Safe
- Mirror

## **MASTER HEAD**

- Access with a door from Master's Walk-in Wardrobe with door
- Shower & sink area
- Glass shower door
- Nr. 2 Washbasin
- Mirror
- Electric toilet
- Shower
- Blinds
- Air extraction
- Marble floor and countertop
- Solid acrylic walls
- Solid acrylic shower walls

## **FOREDECK**

- Teak laid floor
- Access to master cabin from foredeck via weather tight door
- Chain wash
- Chain locker with hatch
- Mooring equipments

## **LOWER DECK**

### **FORE VIP CABIN**

- Full floating sound dampening floor system
- Sound-insulated bulkheads
- Carpet flooring
- Double bed
- Nightstands each side
- Vanity table with full height cabinet at port and starboard side
- Nr. 2 reading lights
- Roman blinds
- Walk-in wardrobe
- Mirror

### **FORE VIP HEAD**

- Single sink unit
- Electric toilet
- Mirror
- Separated shower area
- Blinds
- Air extraction
- LED lights
- Solid acrylic floor and countertop
- Solid acrylic walls
- Solid acrylic shower walls

### **AFT PORT SIDE VIP CABIN**

- Full floating sound dampening floor system
- Sound-insulated bulkheads
- Carpet flooring
- Double bed
- Nightstands each side
- Nr. 2 reading lights
- Roman blinds
- Nr. 1 wardrobe
- Mirror

### **AFT PORT SIDE VIP HEAD**

- Single sink unit
- Electric toilet
- Mirror
- Separated shower area
- Blinds
- Air extraction
- LED lights
- Solid acrylic floor and countertop
- Solid acrylic walls
- Solid acrylic shower walls

### **AFT STARBOARD SIDE VIP CABIN**

- Full floating sound dampening floor system
- Sound-insulated bulkheads
- Carpet flooring
- Double bed
- Nightstands each side
- Nr. 2 reading lights
- Roman blinds
- Nr. 1 wardrobe
- Mirror



## **AFT STARBOARD SIDE VIP HEAD**

- Single sink unit
- Electric toilet
- Mirror
- Separated shower area
- Blinds
- Air extraction
- LED lights
- Solid acrylic floor and countertop
- Solid acrylic walls
- Solid acrylic shower walls

## **PORT SIDE GUEST CABIN**

- Full floating sound dampening floor system
- Sound-insulated bulkheads
- Carpet flooring
- Nr. 2 single beds
- Nr. 1 wardrobe
- Nr. 1 nightstand between beds
- Roman blinds
- Nr. 2 reading lights
- LED lights

## **PORT SIDE GUEST HEAD**

- Single sink unit
- Separated shower area
- Electric toilet
- Mirror
- Blinds
- LED lights
- Air extraction
- Solid acrylic floor and countertop
- Solid acrylic walls
- Solid acrylic shower walls

## **STARBOARD SIDE GUEST CABIN**

- Full floating sound dampening floor system
- Sound-insulated bulkheads
- Carpet flooring
- Nr. 2 single beds
- Nr. 1 wardrobe
- Nr. 1 nightstand between beds
- Roman blinds
- Nr. 2 reading lights
- LED lights

## **STARBOARD SIDE GUEST HEAD**

- Single sink unit
- Separated shower area
- Electric toilet
- Mirror
- Blinds
- LED lights
- Air extraction
- Solid acrylic floor and countertop
- Solid acrylic walls
- Solid acrylic shower walls

## **CREW AREA**

### **CAPTAIN CABIN**

- 1 room with double bed
- Nr. 1 wardrobe
- Vinyl flooring

### **CAPTAIN CABIN HEAD**

- Standing toilet
- Sink
- Washbasin with water mixer
- Separated shower area
- Toilet accessories
- Air extraction
- Solid acrylic work top and floor
- Veneered walls

### **CREW CABINS**

- Nr. 2 crew cabins
- Nr. 2 bunk beds
- Nr. 2 wardrobes
- Vinyl flooring

### **CREW HEADS**

- Nr. 2 crew cabin heads
- Standing toilet
- Sink
- Washbasin with water mixer
- Separated shower area
- Toilet accessories
- Air extraction
- Solid acrylic countertop and floor
- Veneered walls

### **CREW MESS**

- Table for four
- Access to engine room
- Carbon monoxide alarm
- Washbasin with water mixer
- Ventilation hood
- Sink
- Fridge
- Remote control alarms panel
- Ironing table
- Storage for laundries
- Vinyl flooring

## **SYSTEMS**

### **GENERATOR**

- Nr. 2 50 kW / 230 V AC - 50 Hz for EU system
- Remote start up

### **SHORE POWER SOCKETS**

- Nr. 1 Glendenning master cable
- Nr. 1 Socket
- Nr. 1 Isolation transformer

## **BATTERIES**

- Services: One group of DC batteries for services.
- Engines: Two groups of DC batteries for main engines starting.
- Generator: Two groups of DC batteries for diesel generators starting
- Service battery charger/service backup: Nr. 1 service battery set charger
- Engine start up battery charger: Nr. 1 battery set charger,
- Genset start up battery charger: Nr. 1 battery set charger,
- Inverter: Nr. 1 24/2500 230 V 50 Hz

## **FIRE EXTINGUISHING SYSTEM**

- Automatic fire suppression system in engine room
- Automatic shut of system
- Activation button on helm station
- NOVEC 1230 liquefied gas fire extinguisher
- Portable firefighting equipment's

## **FUEL SYSTEM**

- Stainless steel fuel tanks
- Electronic fuel level sensors
- Single racor filters for engine and generator
- Remote diesel shut off valves
- Refuelling plug on deck

## **AIR CONDITIONING SYSTEM**

- Air conditioning system for Tropical Sea

## **BILGE SYSTEM**

- Centralised system with suction in each compartment with high level sensors
- Emergency suction in engine room connected to one of the main engines

## **FRESH WATER SYSTEM**

- Plug for shore connection in aft
- Electrical water pump in engine room
- Nr. 2 150 lt water heater
- Two filling deck fittings
- 180 l/h (48 gal/h) watermaker

## **BLACK WATER SYSTEM**

- Tank discharge through electric pump
- Macerator pumps
- Suction point on deck

## **GREY WATER SYSTEM**

- Tank emptying through electric pump
- Macerator pump
- Suction point on deck

## **VENTILATION SYSTEM**

- Air ventilation in engine room with air extractors and air ducts

## **OTHER ITEMS AND EQUIPMENT'S**

- Nr. 10 Fenders
- Nr. 10 Fender covers Sirena Yacht logo
- Nr. 4 Mooring lines
- Owner's manual

# CLASSIFICATION & MANAGEMENT

## CLASSIFICATION

- The Yacht described in the Specification, including its machinery, equipment and systems will be built in accordance with the following rules and regulations:
- RINA Rules for Classification of Pleasure Yachts, Class Notation C★HULL • MACH Y.
- Requirements set forth by the Flag Authority, which are additional to both the Class Notation and this Specification, will be assessed on an individual basis. Any feasible adjustments will be subsequently quoted.

## REPRESENTATIVES

- Sirena Marine shall assign a Project Manager to facilitate communication with the Owner's designated Representative.
- The identity of the appointed Project Manager will be communicated by Sirena Marine within one week of the Contract's execution.
- The Owner shall appoint a single Representative to act on their behalf, and this Representative's details will be provided to Sirena Marine within one week post the signing of the Contract.
- Consultants engaged by the Owner are required to coordinate directly with the Owner's Representative.
- The selection process for materials or equipment by the Owner, or their Representative, shall align with the schedule issued by Sirena Marine at the time of the Contract's execution.
- The communication language will be English.

## CHANGE ORDERS

- Modifications to the design, construction, furnishing, equipment, and similar aspects that affect the price, weight, stability, speed, range, delivery timeline, or any other specifications or drawings will be implemented only after a written agreement is reached between the Owner and Sirena Marine on a change order form.
- Please note that any increase in weight may result in a decrease in both speed and range.
- Sirena Marine will consider change requests from the Owner's Representative, as long as these requests do not contradict the Specification. These requests must be made before Sirena Marine has sent the construction drawing to the production department, placed the order, or commenced the work related to the request."
- Sirena Marine reserves the right to decline any change requests made within the final eight months before the agreed-upon delivery date.

"Sirena Yachts reserve the right to change specification without any prior notice.  
Effective from 1st of February 2024 REV 01 - This replaces all previous lists."



**SIRENA  YACHTS**

SIRENA MARINE