

# SIRENA YACHTS



**85** RPH

Standard Specification

**PRELIMINARY**

Rev 3. 2018-01-15

## Main Characteristics

Length Overall m. (L.O.A.)	26,735
Length of Hull m.	23,95
Length of Water Line m. (L.W.L.)	N/A
Beam Max m.	7,1
Draft m.	N/A
Displacement t. (Light Ship)	80
Max Speed kn.	25 (with opt. engine)
Engines	2x 1400 Hp MAN V12 2x 1550 Hp MAN V12 (opt)
Range nm.	2500+ @ 10 knot
Cabins	5+2 (10+3) 4+2 (8+3) - alternative selection
Material	GRP hull and deck - Carbon Fiber superstructure
Fuel Capacity	17000 lt
Fresh Water Capacity	2500 lt
Black Water Capacity	850-1000 lt
Grey Water Capacity	850-1000 lt
Exterior Design	German Frers
Interior Design	Cor D. Rover
Certification	CE Category A



◆NB: All mentioned values and information are driven from competitor analysis and market requirements. Final values must be calculated according to the minimum requirements of the final design and subject to engineer/designer approval. All interior information is only a guide. It has to be built according to the final general arrangement and styling.

## Hull & Deck

GRP

## Superstructure

Carbon

## Propulsion & Steering System

2x 1400 Hp MAN V12

Marinox 25 shaft line

5 blades Nibral propellers

Shaft Support: Bronze Manganese alloy (OTS)

Rudders: 316 Stainless Steel

Hydraulic bow thruster

Humphree Interceptors

◆NB: Sound and vibration insulation is high priority. Insulation dimensions and locations should be calculated according to an insulation expert consultant.

## Navigation Electronics

Raymarine Axiom 12" series (2x 12" chartplotter in main helm. 2x in flybridge helm)

Open array HD 4kW 48"

Ray260 VHF

Autopilot

GPS antenna

2x i70 Display



2x Compass

VHF antenna

## **Mooring**

2x 100m 12mm galvanised chain

2x anchors at sides (around 80 kg each)

Stainless steel protection

2 x 4000kW anchor winch at bow

2 x 3600kW mooring capstans at bow

2 x 3600kW mooring capstans at stern

4 x stainless steel chocks at bow

2 x stainless steel chocks with cleat inside at aft sides

2 x stainless steel chocks with roller inside at aft sides

4 x stainless steel cleats at bow

2 x stainless steel cleats at aft sides

## **Flybridge**

Anti skid floor

Hardtop with electric sunroof with awning

Two U shape sofa at aft flybridge up to total 12 person

Table up to 10 people

Two captain seats at starboard side

Double seat at port side

Two minibar units and storages

- Barbeque
- Fridge (70 lt)
- Ice Maker
- Sink Unit
- Storages
- Waste bin

Sunbathing area on flybridge

Passage to flybridge from RPH via sliding door



Windshield

Helm station equipped with:

- Engine and marine gears
- Control instruments
- Engine throttle
- Navigation instruments
- Fluid tank gauges
- 220V / 24V sockets
- Chain counter
- VHF
- Bow thruster control
- Audible alarms
- Interceptor control
- Magnetic compass
- Navigation light control

Courtesy lights

Navigation lights

Horn

Search light

### **Aft Platform & Garage**

Hydraulic transom door

Integrated garage designed to host a tender

Hydraulic aft platform with 1000kg lifting capacity

Aft platform in teak (10mm)

Swim ladder

2 x stainless steel chocks with roller inside at platform

2 x stainless steel cleats at aft sides

Beach stepladder at platform

Gangway

Courtesy lights

Fresh water inlet/outlet

Standing removable shower



## **Cockpit , Side Walking and Fore Deck**

GRP seat and teak top table up to 10 people

Teak laid floor 10mm

Teak laid flybridge stairs

Teak laid side walking

Teak laid bulwarks

2 fashion plates

Stairs up to front raised sunbathing area - stairs down to foredeck area

Two side boarding gates in cockpit

Access to master cabin from foredeck via watertight door

Sunbathing area at foredeck

Emergency shut off panel

Control panel for garage door, gangway and platform

Safety gates for aft entrance

Chain wash on foredeck

## **Saloon & Dining Room**

Carpet flooring

U shape loose furniture seat at port side

Coffee table at port side

Port side furniture unit

Seat for 3 at port side

TV unit with high - lo and rotating mechanism at port side furniture unit

Table up to 10 people at dinette

10 chairs

Sliding windows at each side (x2)

Access to crew cabin via pantograph watertight door from sidewalking

Access to galley at port fore side of dinette

Stairs up to RPH at starboard side

Stairs down to lower deck at starboard side

Dimmable ceiling lights



Led courtesy lights

Venetian blinds

## **Galley**

Access to dinette with a door

Access to side walking with a sliding door

High-pressure laminate flooring

Low and high cupboards

Refrigerator (min 500lt) + Freezer (min 250lt) 220V

Worktop in Corian

Stainless steel sink with water mixer

Four-hob glass ceramic cooktop with stainless steel pan holder

Oven

Dishwasher

Extraction Hood

LED spotlights

## **Wheel House - Raised Pilot House**

Professional helm station equipped with:

- Engine and marine gears
- Control instruments
- Engine throttle
- Navigation instruments
- Fluid tank gauges
- 220V / 24V sockets
- Chain counter
- VHF
- Bow thruster control
- Audible alarms
- Interceptor control
- Magnetic compass
- Navigation light control

2 single captain seats

1 seating unit at port side



## **Master Cabin**

The full-beam owner's cabin

Double bed at the center

2 reading lights

2 bedside tables with drawer

Fix side windows on each side of the cabin, (optional port side balcony)

Main lighting with dimmer, LED technology

LED technology courtesy lighting

Wooden Venetian blinds

Wood-upholstered bulwarks

Lacquered walls and ceiling

Carpeted floor

Air conditioning system control panel

Wardrobes

Furniture unit at starboard side

2 single chairs and coffee table at port side

Access to fore deck

Glasses at fore side ceiling

## **Master Head**

Access with a door from master cabin

Lacquered walls and ceiling

Teak floors

Glass shower door

Two sinks

Marble coated walls

Granite work top

WC toilet

Bidet

Mirror

Shower





### **Aft VIP Cabin**

Located at aft side

Carpet flooring

Lacquered walls and ceiling

Double bed with marine mattress

2 wardrobes

Furniture units at bed sides

Furniture unit at port side

Seat for 2 person at port side

2 reading lights

1 Openable portlights

### **Aft VIP Head**

Teak flooring

Lacquered walls and ceiling

Granite work top

2 sink units

Seperated shower area

Tecma WC

Bidet

1 Openable portlight

Teak Seat in head

Mirror

### **Fore VIP Cabin**

Located at fore side

Carpet flooring

Lacquered walls and ceiling

Double bed

2 wardrops

Furniture units at bed sides



Furniture unit at port side and starboard side

Seat for 1 person at each side

2 reading lights

2 Openable portlights

### **Fore VIP Head**

Teak flooring

Lacquered walls and ceiling

Granite work top

2 sink units

Plexy shower door

Tecma WC

Bidet

1 Openable portlight

Teak Seat in head

Mirror

Blinds

Led lights

### **Port Side Guest Cabin**

Carpet flooring

Lacquered walls and ceiling

2 single seats

1 wardrobe

1 nightstand between beds

1 Openable portlight

### **Port Side Guest Head**

Teak flooring

Lacquered walls and ceiling

Granite work top



Single Sink unit  
Separated shower area  
Tecma WC  
1 Openable portlight  
Teak Seat in head  
Mirror  
Blinds  
Led lights

### **Starboard Guest Cabin**

Carpet flooring  
Lacquered walls and ceiling  
2 single seats  
1 wardrop  
1 nightstand between beds  
1 Openable portlight

### **Starboard Guest Head**

Teak flooring  
Lacquered walls and ceiling  
Granite work top  
Single Sink unit  
Separated shower area  
Tecma WC  
1 Openable portlight  
Teak Seat in head  
Mirror  
Blinds  
Led lights



## **Day Head**

Teak flooring  
Lacquered walls and ceiling  
Granite work top  
Single Sink unit  
Tecma WC  
1 Openable portlight

## **Laundry**

Washer-dryer  
Laundry basket

## **Crew Quarter**

Vinly floor  
1 room with bunk bed  
1 room with single bed  
Table for two  
2 wardrobes  
Access to engine room  
Carbon monoxide alarm  
Fridge (49lt)  
Microwave

## **Crew Head**

Access to head from crew cabin  
TECMA toilet  
Washbasin with water mixer  
Toilet accessories  
Openable porthole  
Blinds



## **Generator**

2x single-phase generator  
27kW / 230V AC - 50Hz for EU system  
Remote start up

## **Shore power sockets**

Glendenning mastercable  
2 x 63A sockets connected to 2 isolation transformers, 15kW each

## **Batteries**

Services: 10 x 130 Ah 12V DC  
Engines: 4 x 230 Ah 12V DC  
Generator: 2 x 90 Ah 12V  
Service battery charger / service backup: 2 Mastervolt 80Ah 24V  
Engine start up battery charger: 1 Mastervolt 30Ah 24V  
Genset start up battery charger: 1 Mastervolt 15Ah 12V

## **Fire extinguishing system**

Automatic shut of system  
Activation handle in cockpit  
10x dry chemical 2kg fire extinguishers

## **Fuel system**

Aluminium or SS fuel tanks  
Electronic fuel level sensors  
Racor filters for engine and generator  
Remote diesel shut off valves  
Two refuelling plugs on deck

## **Air conditioning system**

3 compressors in engine room, total 180000 BTU, and inverter



Air extraction in all cabins and heads

### **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**

Aluminium water tanks

Plug for shore connection in aft

Electrical water pump in engine room

120lt water heater

Two filling caps

### **Black water system**

Centralised collection system

Tank emptying through electric pump

Macerator pump

Suction point on deck

TECMA toilets

### **Grey water system**

Centralised collection system

Tank emptying through electric pump

Macerator pump

Suction point on deck

### **Ventilation system**

Forced air ventilation in engine room via air extractors and air ducts

