

CODECASA 35 s

M/Y “MARIA CARLA”

Hull n° C.113

MAIN CHARACTERISTICS

Length over all	:	34,60 metres
Length water line	:	28,80 metres
Beam	:	7,30 metres
Maximum draft	:	1,35 metres
Light displacement	:	110 tons
Full load displacement	:	120 tons

PERFORMANCES

Maximum speed at light displacement	:	30 Knots
Cruising speed at light displacement	:	28 Knots
Range at cruising speed	:	450 nautical miles

CONSTRUCTION MATERIAL

Hull and superstructure	:	5083 H 321 Aluminium Light Alloy
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DESIGN

Naval Architect	:	Andre Bacigalupo
Interior design	:	Franco and Anna Della Role

CLASSIFICATION

American Bureau of Shipping – Maltese Cross A1 Yachting Service, AMS.

CAPACITIES

Fresh water tank	: approx. 3.400 litres
Fuel tank	: approx. 15.600 litres
Grey and black water tank	: approx. 1.500 litres

GENERAL ARRANGEMENT

Lower Deck

- Swimming platform.
- Tender's garage with hydraulic operated transom door.
- Engine room.
- Galley.
- 1 Two beds crew cabin with bathroom.
- 1 Captain's cabin with bathroom (n°1 extra bunk included) .
- Owner's suite with dressing and bathroom.
- 2 two beds guests' cabins with bathroom (each inclusive of n°1 Pullmann berth).
- 1 double bed VIP cabin with dressing and bathroom.
- 1 two beds crew cabin with bathroom at fore deck.

Main Deck

- Outside living area with sunpad, sofas and tables.
- Main Saloon.
- Dining area.
- Pilot area.
- Jet ski storage with electric/hydraulic crane and hydraulic operated cover.

DECK EQUIPMENT

- 2 MAXWELL VWC 6000 vertical electric anchor windlasses.
- 250 metres hot galvanized anchor chain 14 mm., grade U2.
- 2 polished stainless steel HY-HHP/POOL anchors, 125 Kilos each.
- 2 MAXWELL VC 3000 electric capstans on aft deck.
- 1 SANGUINETI electro/hydraulic retractable stern gangway.
- 1 SANGUINETI electro/hydraulic retractable swimming ladder.
- 1 SANGUINETI electro/hydraulic crane for Jet Ski.
- Fenders.
- Life buoys.
- ZODIAC Self inflatable Life rafts.
- Covers for deck equipment.

TENDERS

- 1 ZODIAC PROJET 420 tender.
- 1 Jet Ski.

ELECTRIC SYSTEM

- Modern marine electric system in accordance with the American Bureau of Shipping rules.
- Ships voltage 380/220 Volts, 3 phase, 50 HZ.
- Lighting system 220 Volts, AC.
- Paralleling system for both generators.
- Navigation lights in accordance with the international rules.
- 2 x 40KW KOHLER generators.

NAVIGATION AND COMMUNICATION EQUIPMENT

- Integrated BB system with 3 LCD visualization monitors (Sensors' maker list: FURUNO– TRANSAS) composed by:
 - N° 1 BB Radar, 12 Kw output, 72 miles, with 17" LCD monitor.
 - N° 1 Echosounder FURUNO FCV 600L with LCD monitor.
 - N° 1 FURUNO GPS Satnav Mod. GP 32
 - N°1 FURUNO GPS Satnav Mod. GP 320 B (Back Up)
 - N° 1 TRANSAS chart plotter system with 17" LCD display
 - N° 1 BROOKES & GATEHOUSE Mod. H 1000 (Wind – log) with repeater in the crew mess
 - N° 1 C. PLATH automatic pilot system Mod. NAVIPILOT V/HSC-G
 - N° 1 RIVIERA magnetic compass
 - N° 1 NAVIFOHRS electronic compass
 - N° 1 VHF radiotelephone SKANTI Mod. TRP 1000P DSC with repeater in the crew mess

- N° 1 SSB radiotelephone SKANTI Mod. TRP 1150 with DSC MF in compliance with the GMDSS rules, 150 W p.e.p.
- N° 1 INMARSAT Sat Com SKANTI F 77
- N° 1 GSM cellular European standard
- N° 1 PANASONIC KXTD 1232 telephone system with 13 PANASONIC telephones
- N° 1 EPIRB MC MURDO 406 WH
- N° 1 Radar transponder MC MURDO
- N° 1 FURUNO FAX FAX-30 meteo receiver
- N° 2 portable VHF ICOM Mod. IC-M3 EURO

AUDIO AND TV SYSTEMS

Antennas:

- 1 TV active antenna NAVAL MK 20
- 1 radio active antenna NAVAL VPA 30 AM/FM
- 1 TV satellite antenna SEATEL Mod. 2494 E

Audio/Video equipment:

Saloon:

- 1 plasma monitor 37" PANASONIC TH37PA30E with elevator
- 1 syntho/amplifier unit SONY STR DB 697, 120x5
- 5 loudspeakers B&W CWM 500
- 1 satellite receiver
- 1 Videorecorder/DVD PHILIPS

- 1 infrared sensor complete with receiver for remote control
- 1 amplified sub-woofer B&W ASW 600
- 1 CD/DVD player for outside areas.

Owner's cabin:

- 1 LCD 26" TV SHARP LC 26GA4E tristandard
- 1 Satellite receiver
- 1 SONY DAVSB 300 audio/video syntho/amplifier unit, complete with DVD reader and multizone CD
- 2 loudspeakers B&W CWM 500

3 Guests' cabins:

- 1 LCD 20" TV SHARP LC 20 SH 1E tristandard
- 2 loudspeakers B&W CWM 500
- SONY DAVSB 300 audio/video syntho/amplifier unit

Crew Mess:

- 1 LCD 15" monitor SHARP LC 155H1E tristandard
- 1 HUMAX 5100 satellite receiver
- 2 loudspeakers B&W CWM 500
- 1 SONY DAVSB 300 10 audio/video syntho/amplifier unit, complete with DVD reader and multizone CD
- 1 infrared sensor for remote control

3 Crew Cabins:

- 1 CD syntoreader SONY CDXS 2000.
- 2 loudspeakers SONY XSGF 1020.

External aft area

- 4 Loudspeakers INFINITY KAPPA 62 M
- 1 Water proof keyboard for turning on and volume control

Forward external area

- 2 Loudspeakers INFINITY KAPPA 62 M
- 1 Remote control for turning on and volume control

Sun Deck external area

- 2 Loudspeakers INFINITY KAPPA 62 M
- 1 Water proof keyboard for turning on and volume control

SANITARY SYSTEM

- JETS Vacuum system for toilets.
- HAMANN Super Mini sewage treatment system in compliance with IMO requirements.

AIR CONDITIONING – VENTILATION

- Centralized air treatment for lower deck rooms.
- Centralized air extraction for bathrooms.
- Marine air conditioning system, fan coil type of ample capacity serving Owner's, guests' and crew areas.
- Mechanical ventilation for engine room, garage and galley.

MACHINERY AND SYSTEMS

- 2 x 2.775 HP at 2.100 r.p.m. MTU 12 V 4000 M90 main engines.
- 2 ZF 4560 reduction gears.
- 2 KAMEWA 63 SII water jets.
- HUMPHREE Interceptor System.
- 1 x 40 HP AMERICAN BOW THRUSTER, electrically driven.
- 2 x 40 Kw. KOHLER 40 EFOZ diesel generators with sound insulating covers.
- Starting Gel batteries for main engines and diesel generators.
- Electric fans for engine room ventilation.
- Fire extinguishing system according to the rules.
- Complete piping system for bilge, fire fighting, fuel oil, sanitary plant etc..
- 2 IDROMAR MC3J water makers, 4.000 litres/day each.

MISCELLANEOUS EQUIPMENT

- Sundry control/alarm monitoring system.
- Fire and smoke alarm system.
- Fire hoses with nozzles.

- Fridge in guests hall (VITRIFRIGO).
- Fridge (LIEBHERR) with icemaker (ICERETTE) and wine cellar (LIEBHERR) in main saloon.
- Galley equipment (MIELE/ AEG/ GAGGENAU/ ALPES INOX).
- MIELE PROFESSIONAL dish washer
- 1 MIELE washer and 1 MIELE dryer

PAINTING

All the products used for painting the vessel will be suitable for a yacht of this type and the finishing will correspond to the high CODECASA standard.

CATHODIC PROTECTION

Sacrificial zinc anodes with high purity grade will be positioned along the bottom, in the bow thruster tunnel and in the sea chests.

A POLIPODIO C.I.P.S. monitoring system for the control of the bottom's potential will be installed.

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