



COBRA
YACHT





DESCRIPTION

Builder:	Cobra Yacht	Accommodation:	
Built/Refit:	2011/	Cabins:	6
Length: (m/ft)	46 / 150'11"	Guests:	12
Beam (m/ft):	9 / 29'06"	Crew:	7
Draft (m/ft):	3.93 / 12'11"		
Hull material:	W. Cold Moulded	Price:	€9,300,000
Engines:	2 X 650 HP Volvo D16	Location:	Bodrum yard, Turkey
Range:	1 390 n.miles		

MAIN CHARACTERISTICS

Length Overall (inc. bow sprit) 46.00 m
Length Overall (excl. bow sprit) 43.20 m
Length Waterline: 33.40 m
Beam 9.00 m
Draft 3.93 m
Displacement 229 tons
Building date: 2011

Fuel Capacity 16,000 lts
Fresh Water Capacity 4,000 lts
Gray Water Capacity 2,000 lts
Black Water Capacity 2,000 lts

Engines 2 x VOLVO D16 650 HP 1800 rpm
Cruising Speed 11+ (under Sail) – 14 knots (with Engine)
Consumption 55 lts per hour each engine at 10 knot

Generators 2 x WESTERBEKE 45 kW
Consumption 5 lts per hour each generator

Class Society RINA Charter Class, MCA LY2 Short Range

Total Sail Area 780 sqm by Doyle

Exterior Design: Cobra Yacht Design
Interior Design: Cobra Yacht Design
Engineering: Cobra Yacht Design

Hull Material: Cold Molded Wooden Epoxy Laminated



OVERVIEW

Built by renowned Cobra Yacht, the shipyard that delivered the blockbuster 445 GT Explorer M/Y MAISHA, the Sailing Yacht INFINITY is the latest achievement by Cobra which embraced the gained experience from MAISHA combined with the highest craftsmanship of their people. Cobra latest launching INFINITY is by far the most impressive sailing yacht of its category built in Turkey. She offers all what an Owner would seek on a large sailing yacht, which you could only find on (too) sophisticated Italian, Dutch or New Zealand large sailing production at a fraction of its prices without compromising quality. INFINITY boasts fabulous volume and elegance, great performance, comfort and reliability a must on such large sailing yacht.

Beautifully designed with a contemporary interior, you will be hit by the immense salon that you access via an automatic double door, with its oversize lounge area and its trendy dining room. She offers 6 spacious stateroom, all designed with simple dressing, ensuite bathroom all equipped with the latest entertainment system.

On the exterior, the aft deck offers a large sun pads area as an invitation to relaxation, there is dining table for 12 which is perfectly suited to any large dining party or convivial breakfast. On the bow you will find a lounge area designed with a table, perfectly suited to hide out while sailing. You access the sun deck from stainless steel staircase; this deck is an invitation to enjoy the ride with the best sea view from all the yacht. This deck is fully equipped with bar and Jacuzzi. The rig is made by famous rig maker Velena Mast and CO and the sails by Doyle (KAYA Sails) guaranteeing the smoother and reliable ride when sailing. INFINITY is MCA compliant, RINA charter commercial class and ready to go for private or charter use.

Discovering INFINITY is not only an opportunity to learn about the quality of craftsmanship of Cobra Yacht but it is also the possibility to realize your dream of a long fascinating journey onboard this magnificent vessel that can take you anywhere in the world.

ACCOMMODATIONS

Aft Deck:

Large sun pad area for 10 guests

Dining table for 12 persons

Bose sound system I-Pod compatible with remote control

Front Deck:

Lounge area with table set up for 10 persons

Bose sound system I-Pod compatible with remote control



Sun Deck:

Lounge area with table for 12 covered with Bimini
Equipped Bar with fridge
Jacuzzi
Sun pad area for 5 persons
Bose sound system I-Pod compatible with remote control

UPPER SALON

Dining Table for 12 persons
Large lounge area with sofa
Navigational equipment, bridge, conveniently hidden and retrievable
Sony 52" Led TV, Bose Home Theater System, Movie Database, PS3, IPod Dock, Satellite TV

OWNER'S CABIN

1 x Full beam owner's cabin aft with large king size bed, en suite bathroom with separate shower
Sony LCD TV, PS3, Movie Database, IPod Dock, Satellite TV

GUEST CABINS

2 x large Double guest Cabins with en suite bathroom
2 x Twin guest cabins with en suite bathroom
Sony LCD TV, PS3, Movie Database, IPod Dock, Satellite TV

VIP CABIN

1 x Full beam owner's cabin aft with large king size bed, en suite bathroom with separate shower
Sony LCD TV, PS3, Movie Database, IPod Dock, Satellite TV

GALLEY

Crew mess area
Walk in fridges
1 Siemens Washing machine
1 Siemens Dryer
90 cm Siemens electric Glass cooker
90 cm Siemens electric Oven
2 Samsung fridges
1 Ice maker machine
1 wine cooler cellar
1 Siemens dish washer
1 Custom walk-in cold Room
1 Custom freezer



CREW

- 1 x Captain's cabin with single bed, en bathroom
- 2 x Crew Cabin with two bunks and en suite bathroom
- 2 x Crew Cabin with one bunk sharing bathroom

MECHANICAL EQUIPMENT

- Engines: 2 x Volvo Penta, D16 MH, 650 HP, 1800 rpm
- Gear Box: Twin Disc, MG 5170 Reduction: 4/1
- Shaft: Dia. 2 pieces, Dia. 110mm, Length: 5300mm
- Propeller: 2 pieces, Dia: 1400mm, 4 Blades,
Material: Mn-Bronze, with RINA Certification
- Rudder: Steel Rudder Blade & Stainless Steel Rudder Stock
dia. 120mm

Equipment List:

- Fire Pump: Gianneschi BMA 50
- Bilge Pump: Gianneschi FC 50
- Emergency Fire & Bilge Pump: Diesel Pump Gianneschi MBMA 50
- Fuel Transfer Pump: Gianneschi ACB 80E x 2
- Boiler: DIKO 100lts x 2 Stainless Steel
- Fresh Water Pressure System: Gianneschi JET 4B x 2 (380V & 24V)
- Grey & Black Water Pump: Gianneschi MVI 80
- Deck Wash Pump: Gianneschi ACB 331
- Blower (Extraction): 2 x Gianneschi ELL 450
- Blower (Ventilation): 2 x Gianneschi ELL 315
- Hot Water Circulation Pump: Grundfos UP20
- Fire Detection Unit: Type Approved with 8 zones.
- Fire Dampers (A60): 2 x Gianneschi 500 x 500 mm. Stainless steel
2 x Gianneschi 315 x 315 mm. Stainless steel
- Air Condition System: Condaria, max. 240.000 Btu chiller with 4 compressors
- Water-Maker Unit: 2 x Tecnicomar C 1500 Compact Cap.: 200 lts/h each
- Sewage Treatment Unit: Tecnicomar, Ecomar 16 - 6100lt/day
- Bow Thruster: Trac, hydraulic 75kW, powered by 165 HP Yanmar diesel engine.
- Hydraulic Unit: 2 Anchor Windlasses, 2 Bamar furlings
- Hydraulic Passerelle: Custom made stainless steel and teak covered
- Mechanic Crane: Custom Made
- Hydraulic Gangway: Custom made stainless steel and teak covered
- Watertight Doors: 6 pieces, RINA Approved.



NAVIGATION EQUIPMENT

SIMRAD 2 x GB40 NAV COMPUTER
SIMRAD GS15 GPS ANTENNA
SIMRAD OP30 OPERATING PANEL
SIMRAD NAVIGO RDR 6kW RADAR PACK
NAVICO USB HUG
NAVICO ETHERNET LINKER
SIMRAD NETWORK SOUNDER
SIMRAD IS20 WIND SYSTEM Package & Display
SIMRAD AP28 Autopilot Control Unit
SIMRAD AC12 Autopilot Processor
SIMRAD RC42 Rate Compass
SIMRAD RF300 Rudder Feedback Unit
SIMRAD RS82 VHF Radio with Class D-DSC
SIMRAD AHK82 Dual Station Handset
SIMRAD SIMNET AT10HD Convertor, 7 Prong Multi Joiner & 3 Prong T Joiner
SIMRAD SIMNET Handheld VHF Radio
SIMRAD SA50 Search & Rescue Transponder
SIMRAD EP50 Epirb
RAYTHEON -JRC NCR 333 Navtex Receiver
HATTELAND 3 x 19" SCREEN
SAILOR GMDSS System with GPS
SAILOR Alarm Panel for INM-C
SEATEL C24 SAT TV Antenna with 27" Diameter Dome
C-MAP MAX PRO Chart (East Med. Sea)

SAILS AND RIGGING

2 masts, Aluminum, Fore 43.20m, Aft 36.6m by Velena Mast Co.
Booms Park Avenue by Velena Mast Co.
Sail Area: 780 sq m
Storm Sail
Rigging Equipment: Antal
2 Hydraulic Furling Systems by Bamar
5 Winches, Lewmar, electrical powered, 77/2SEST
2 Winches, Lewmar, electrical powered, 111/3SEST
Back Stay Boomvang, Navtek



HULL

The hull and deck construction material is built via a mastered wooden lamination method. Shell planking is 4 layer of mahogany. Frames are made of Mahogany. Webs are made of Sapelli. The superstructure is made of Mahogany; Deck is Brimania 15mm Teak planked.

First Layer: Mahogany stripes (3.5 cm thick, 6 cm wide) which are prepared to click together (like parquet) are applied on horizontally. Where it comes to frames (which are in every 50 cm) we use nails and Epoxy glue to combine the planking and frames.

Second Layer: On top of the first layer Epoxy glue is applied. On top of this Mahogany stripes (1 cm thick, 8 cm wide) are applied on 45 degree to first layer. Staple is used to give strengths.

Third Layer: On top of the second layer Epoxy glue is applied. On top of this Mahogany stripes (1 cm thick, 8 cm wide) are applied on 135 degree to first layer. Staple is used to give strengths.

Fourth Layer: On top of the third layer Epoxy glue is applied. On top of this Mahogany stripes (1 cm thick, 8 cm wide) are applied horizontally to the yacht. Staple is used to give strengths.

Epoxy Fiber: Two layers of 300 g/sqm epoxy fiber are laminated on wood planking's.

On top of these primers, filler and then paint (International) are applied.

All wooden parts of interior is painted with epoxy.

PLUMBING AND WATER SYSTEM

All piping is approved by Class society.

2 Fresh Water pumps (Gianneschi)

2 Macerator pumps (24 volt for black and gray water discharge)

6 Separate submersible bilge pumps for each compartments

Fire Fighting Pump, (Gianneschi FC-50)

Emergency Diesel Bilge Pump & fire fighting Pump (Gianneschi 22m³/h-3.7Kw)

Bilge Pump (Gianneschi Bma 50 5.5 Kw 380 V)

2 Water heaters (Diko)

Smell filters.

1 Sewage treatment unit, (Tecnicomar)

All pump capacities are in accordance with the class society rules.



TANK CAPACITIES

Tank capacities are as follows:

Fuel Capacity	16,000	lt
Fresh Water Capacity	4,000	lt
Gray Water Capacity	2,000	lt
Black Water Capacity	2,000	lt

ENGINE ROOM

Engines: 2 x Volvo Penta, D16 MH, 650 HP, 1800 rpm
Gear Boxes 2 X Twin Disc MG 5170 4:1 reduction
Flexible engine mounts for each engine
Dual Fuel Filter / separators for the engines
Dual Fuel Filter / separators for the generators
Sea Water Filters
2 x Water Maker, Technicomar, 200 lt/h each
2 x Water heaters (Diko)
Air Outlet with 1 blower & dampers (automatically stop from Saloon) & 1 natural vent trunk
Air Inlet with 2 blowers & dampers (automatically stop from Saloon)
220 & 380 volt socket.

PROPELLER AND SHAFT SYSTEM

2 Propeller dia. 1400mm Teignbridge Propellers
2 Propeller and stud, bronze, RINA approved,
2 Stainless steel shaft (MRINOX 17-V174), dia. 110mm
2 Steel tubes
2 Steel / flexible coupling for shaft – engine connection

STEERING AND MOORING SYSTEM

Rudder mechanism DATA hydraulic system
1 Rudder blade made of steel, ST42, Having NACA form
1 Steel stern tube
2 Anchors



SAFETY AND FIRE PROTECTION

Powder type fire extinguisher tubes in all the corridors, saloon and wheelhouse.
Fixed semi-automatic CO2 system for the engine room
1 non-fixed type Powder tube
1 CO2 tube in the engine room
1 Fire blankets
1 Fireman outfit
4 Life Rafts, each of them having capacity for 10 person (SOLAS 'A' Pack)
20 Immersion suits (SOLAS)
20 Life Jackets
Emergency lights for escape routes
12 Rocket hand flares
6 orange smokes
1 Line throwing
1 Aldous lamp
Hydrants and hoses approved by the class society
3 fire axes (1 on deck, 1 in Wheel house, 1 in saloon)
2 life buoys