

## Specifications For BILGIN CLASSIC 160'

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<b>LOA:</b>	48.7m (159'9")	<b>Year:</b>	Mfg-2012 Model-2011
<b>Mfg. Length:</b>		<b>Mfg:</b>	Bilgin
<b>Beam:</b>	8.5m (27'11")	<b>Model:</b>	
<b>Draft:</b>	Max 2.2m (7'3")	<b>Type:</b>	Motor Yacht Displacement
<b>Hull Mtrl:</b>	Steel	<b>Top:</b>	
<b>Hull Cnfg.:</b>	Full Displacement	<b>Speed:</b>	11 knots / 13 knots @2300 rpm
<b>Hull Designer:</b>	MAHIR BESTAS	<b>Engines:</b>	2xMAN DE 2842 LE 707hp 528 HP
<b>Deck Mtrl:</b>		<b>Engines Year:</b>	2011
<b>Tonnage:</b>	298	<b>Staterooms:</b>	6
<b>Range:</b>	3500	<b>Sleeps:</b>	12
<b>Int Designer:</b>	MAHIR BESTAS	<b>Heads:</b>	
<b>Ext Designer:</b>		<b>Crew Quarters:</b>	
<b>Fuel Cap:</b>	24000 l (6341 g)	<b>Crew Berths:</b>	
<b>Water Cap:</b>	18400 l (4861 g)	<b>Captain Cabin:</b>	No
<b>Holding Tank:</b>	4000 l (1056.8 g)	<b>Classifications:</b>	R.I.NA
<b>Flag:</b>	Unknown	<b>Class Type:</b>	
<b>Location:</b>	Shipyard, Turkey	<b>MCA:</b>	
		<b>ISM:</b>	
		<b>Price:</b>	approx. (11,639,000) USD 9,150,000 EUR

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### MAIN CHARACTERISTICS

Type:  
Displacement, twin propeller motor yacht

Construction:  
Stainless steel 316L Hull and Cold Molded Sandwich epoxy System Superstructure

Class:  
RINA C \_ HULL \_ MACH

L.O.A:  
48.7 m /160'  
Beam:  
8.50 m /27'88"  
Draught:  
2.20 m /7'21"

Gross Tonnage:  
298

Cruising Speed:  
13 knots  
Maximum Speed:

15 knots

Main Engines:

2 x MAN DE 2842 LE 707 HP 528 KW 2300 rpm

Generators:

2 x 50 KW Kohler

Propulsion:

Main Engines:

2 x MAN DE 2842 LE 707 HP 528 KW 2300 rpm

Max. Power:

528 KW at 2300 rpm

Gearbox:

2 x Disc MG 5114 DC-Ratio 3.43:1

Engine Control:

Mathers Control System

Water Lubricated Shafts:

Diameter 100 mm SS

Generators:

2x50 KW Kohler

Bow Thruster:

Sidepower 20' diameter

Steering System:

Hidromarin 2x hydraulic pistons with twin pumps power pack

Stabilizer:

Trac 440 Zerospeed

Fuel Capacity:

24,000 Liters

Lube oil dirty:

500 Liters

Lube oil clean:

500 Liters

Hydraulic oil:

150 Litres

Fresh Water Capacity:

18,400 Liters

Sanitary Tanks:

8,000 Liters

Holding tanks:

2 x 2,000 Litres

Paint Job:

Exterior Awlgrip and International

## **ELECTRICAL SYSTEM**

The yacht's main power supply shall be a 240/380 Volt, 50 Hertz three-phase four-wire system with ground, based on a split-bus distribution circuit.

Power shall be supplied by two generators capable of running in full parallel, with power management system and one shore power cables working through a power management system, rated at 50 Kw and acting as a frequency converter and galvanic isolator.

The electrical power supplies on board are based on:

- Two generators rated at, 240/380 VAC, 50 Hz; Capacity to be as per calculations
- One shore power rated at 65Kw 220/380/400 +/-10% VAC;
- 24 VDC battery banks- approx 1200 A;
- 24 to 12 VDC converters for each individual 12 volt consumer, when necessary.

### **4 x AC Power System**

Generators are 240/380 VAC, 50 Hz, 3 phase, ground

PS generator in sound box, 50 kW

SB generator in sound box, 50kW

Night Generator in sound box capacity to be as per calculations.

Engine starting circuit will be 24 V DC.

The generators will have separate 24 V DC battery banks with double pole isolators.

Each generator to have 60 Amp-24 V alternator.

## **MECHANICAL EQUIPMENT**

Freshwater Maker:

1 x HP or Sea Recovery, capacity 6500 Lt per day

Hot Boiler:

3 x100 liters Marine System

Sanitary Treatment:

Tecma System

Grey/Black Water System:

Ecomar System

Airconditioning:

Chiller Host System

Anchor Windlass:

Hidromarin Hydraulics

Mooring Capstans:

Hidromarin Hydraulics

Sliding Doors:

Within Shipyard



## **MAIN GALLEY EQUIPMENT**

2 x factory-made refrigerators of adequate capacity, stand-alone type

Deep freezer of adequate capacity

1 x 4-burner cooking range

1 x custom stainless steel exhaust canopy with fire extinguishing system

1 x MIELE® or Siemens cooking oven

1 x MIELE® or similar microwave oven

1 x MIELE® or similar dishwasher

The cooking surfaces and oven shall be modified for shipboard use and include stainless steel fiddle racks with adjustable pot holders.

Proper secure stowage provisions shall be provided for all equipment items not permanently installed.

Grill

Bread storage, big ice maker

Any other appliances for efficient functioning of galley, if required, will be installed.

## **LAUNDRY and UTILITY ROOM APPLIANCES**

1 x Whirlpool similar commercial washing machine, one wash machine for crew separate

1 x Whirlpool commercial condenser dryer

Freezers location to be decided during design development.

## **NAVIGATION and ELECTRONICS**

### **Raymarine**

1 x Radar (wheelmark)  
3 x Wheelhouse Bridge Monitor  
1 x Echosounder (wheelmark)  
1 x GPS (wheelmark)  
1 x Wind Station  
1 x Speed Log (wheelmark)  
1 x Autopilot System  
2 x Compass  
1 x AIS System (wheelmark)  
1 x VHF Radio (wheelmark)  
1 x GPRS Telephone  
1 x Loud Hailer Intercom System  
1 x Navtex Meteo Receiver (wheelmark)  
1 x electric/hydraulic gyro controlled non-retractable fin stabilizer system

### **Crew quarters**

1 x flat screen TV set, DVD, Stereo system and digital satellite receiver (DSR)

### **Saloon**

1 x large flat screen TV Size to be determined later Set, DVD, Stereo System, DSR.  
1 x external speakers with dimmer switch on aft main deck.

### **Sky lounge wheelhouse**

1 x flat screen TV, stereo, DSR  
1 x large flat screen TV Set, DVD, Stereo system, DSR  
External speakers with dimmer switch on aft sky lounge deck

### **Sun Deck**

Stereo system (DVD, CD, mp3 etc) with amplifier and six weatherproof speakers with DSR

### **Owner's Accommodation**

1 x large flat screen TV Set, DVD, Stereo System. and DSR

### **Guests' Accommodation**

1 x flat screen TV Set, DVD, Stereo System and DSR

### **Shore Connection**

The following shore connections to be provided:

- Telephone
- TV, FM (all available sets).

### **Owner's study**

1 x flat screen TV/computer Screen, DVD, stereo system and DSR

## **SAFETY EQUIPMENT**

4 x self inflatable life rafts 10 persons each  
Life Jackets  
Life Rings  
Medical Kit  
Safety Rockets and Signals (as per relevant rules)  
EPIRB (wheelmark)  
Radar Transponder  
VHF Portable GMDSS  
Fire Detection System all over the yacht

Life saving appliances to be as per SOLAS and Class as a minimum, for the highest category cruising.

Central alarm systems for systems control will be fitted as specified.

Two life rafts to be supplied by Shipyard per Class and SOLAS regulations for a yacht of this size.

Four ring buoys stored in recesses with yacht identification as required by SOLAS.

## **ANCHOR and MOORING SYSTEM**

Two anchors will be self-stowing and self-launching, located on the forward end of the main deck above the anchor locker.

Anchor winches shall meet the speed and pull strength requirements of the Classification Society.

Both anchors shall be identical and meet Class weight requirements for the primary anchor.

Windlasses to be remote controlled from the wheelhouse and have a long enough cord for fore deck control.

The wandering lead shall be permanently wired to a terminal strip in a watertight junction box, which shall be installed out of sight.

Provisions shall be provided for unobtrusive secure stowage of the control box and its cable when not being used.

Stainless steel recessed plates with stainless steel protection strips, shall be fitted on either side of the bow projecting down to the water line to allow each anchor to be set and weighed without damage to the yacht paint work.

## **TENDER and TOYS**

6.80 m tender  
2 X SEE-DOO GTI 130