



MAJESTY 120

Standard Specifications

&

Optional Features

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MAIN CHARACTERISTICS

DIMENSIONS

	Feet-In	Meters
Length Overall	121'- 8"	37.076
Length Water Line	102'- 9"	31.382
Draft	6'- 9"	2.1
Beam	26'- 6"	8.089
Air Draft	43'- 2"	13.175

DESIGN

Hull Type	Mono Hull
Hull Material	Fiber Reinforced Plastics (FRP)
Superstructure Material	Fiber Reinforced Plastics (FRP)
Yacht Type	Motor Yacht
Number of Guests + Crew	12 + 7
Displacement	230 tons approx.
Gross Tonnage	295 GT
Classification	RINA - Commercial
Statutory regulations	Red Ensign Group Yacht Code Part A (Short Range)

TANK CAPACITIES

	US. Gallons	Liters
Fuel Capacity	5,709	21615
Fresh Water Capacity	2,608	9874
Grey Water Capacity	532	2013
Black Water Capacity	991	3754
Lube Oil Capacity (Clean + Dirty)	173+173	656+656

MACHINERY

Engines	Twin MTU 16V2000M96L, 1939 kW, 2600 BHP, 2450 RPM combined with SCR (Compliance to IMO Tier III)
Generators	Two 80kW, 400V AC, 50 Hz, 3~phase

PERFORMANCE

Top Speed	18 knots*
Cruising Speed	12 knots*
Range @ Cruising Speed	1153 NM*

*Speed and range estimates may vary depending on the cleanliness of the hull and sea conditions.



MAJESTY 120 OPTIONS

The options selected from the below list and any additional requirement shall be considered as a variation and upon confirmation shall become a part of Work Order

1. Yacht name
2. Aft search light
3. Awning on sundeck aft
4. Awning on upper deck forward
5. Awning on upper deck aft
6. Electrohydraulic crane with safe working load of 770kg on foredeck
7. Shore power converter or Isolation Transformer
8. Electrohydraulic transformer with 1000kg lifting capacity
9. Williams DieselJet 505 or Williams DieselJet 415
10. AFT crane with 1000kg lifting capacity
11. Sewage treatment plant with the treating capacity of 3500 liters/day
12. Fresh water sterilizing system (Mandatory for commercial class)
13. Commercial class essential package (Extra telecom, Navigation & Safety equipment's as per CISR)
 - a) Spare magnetic compass
 - b) Hand bearing compass
 - c) BNWAS
 - d) Daylight signaling lamp
 - e) Speed and distance measuring equipment with respect to water
 - f) Two wind transducers integrated with instrument display on main helm station
 - g) NAVTEX
 - h) GMDSS Batteries and battery charger
 - i) Two fireman's outfit and breathing apparatus
 - j) Two explosion proof walkie talkies for fire fighting
 - k) Jason cradle
14. Cradle for tender
15. Multifunctional Ladder
16. Electric stern thruster
17. Side mount ladder



GENERAL INFORMATION

The design and construction shall be strictly in accordance with the following specifications that describe the standard Yacht version

Design, exterior styling, and interior design shall be performed by the Gulf Craft Inc as per the attached General Arrangement

Any additional design requirements or any changes in design or technical to this standard specification shall be considered as a variation and shall become part of Work Order.

Customer's Confirmation

HULL AND SUPERSTRUCTURE CONSTRUCTION

Reinforcements: Fiber Glass

Resin: Vinylester resin and Polyester resin

Core materials: SAN Foam-typical for marine applications, Balsa wood

Construction Process

Hand-layup lamination process is employed. Hull and superstructure are laminated into female molds.

During construction process yacht is kept in clean conditions. All finished work is thoroughly protected. Particular attention is given to the covering of materials that could absorb impacts from tools, materials, and workers

Hazards associated with the handling of composite materials is minimized

Exterior Finishing

Hull and superstructure are painted in White and Black. The painting work is carried under cover in controlled environment conditions (temperature, humidity, and dust). Manufacturer's recommended procedures are adopted for surface preparation, mixing and reduction, and maintenance of coatings.

Bilge Finish

Bilges will be Gel Coat, the final application of Gel coat in the bilges is mixed with Wax

Antifouling

Antifouling coating is applied to the hull to prevent growth of subaquatic organisms that may affect a yacht's performance and durability



SUPERSTRUCTURE

Sundeck

316L Stainless Steel Railings
L-Shaped Upholstered Sofa With Coffee Table
Wet Bar With Sink, BBQ Grill, And Following Appliances
Under Counter Fridge
Ice Maker
Four Bar Stools With 316L Stainless Steel Bases
Jacuzzi With Sunbed
Three Sun Loungers With Side Tables
Hard top access ladder
LED Exterior Lights
Teak Decking
Self-Draining

Foredeck

316L Stainless Steel Railings
Flag Post
Four 316L Stainless Steel Deck Cleats
Two 316L Fairleads with Rollers
Two Freeing Ports
Watertight Hatch Anchor Chain Compartments
Teak Decking
Self-Draining

Upper Deck

316L Stainless Steel Railings
Rail Track For Cleaning
Sunbed With Safety Railing
Upholstered Sofa with Two Teak Dining Tables



Pantograph Doors To Wheelhouse On Port And Starboard

Stairway To Sundeck On Aft Port Side

Sliding Patio Door

Service Counter On Starboard with icemaker

3-Seater Sofa + Two Round End Table

Two Armchair + Two Coffee Table

Teak Decking

Self-Draining

Main Deck

316L Stainless Steel Railings

316L Stainless Steel Deck Cleats on Aft

Two Freeing Ports

Weathertight Doors To Pantry And Lobby

Sliding Patio Door

Stairway To Upper Deck On Starboard

Weathertight Door And Stairway To Crew Mess And Pantry On Port Gunnel

Countertop With Washing Sink On Starboard

Upholstered Sofa With Teak Dining Table And Four Chairs

316L Stainless Steel Transom Doors

Teak Decking

Self-Draining

Swim Platform

Electrohydraulic Stern Door

Passarella

Two 316L Stainless Steel Pop-Up Cleats

Removable 316L Stainless Steel Staple Rails on Swim Platform

Swim Ladder

Teak Decking

INTERIOR ARRANGEMENT

Accommodation Layout

The arrangements and cabin layouts shall be laid out and organized in accordance with the standard GA.

There are six guest cabins including the owner's cabin, two double guest cabins, two twin guest cabin, and a VIP cabin. Each guest cabin has an en-suite bathroom

There are three crew cabins with en-suite bathrooms in the aft, and a captain's cabin with en-suite bathroom on upper deck

Also, day heads on Main deck and Upper deck

Lighting

LED Dimmable Interior Lights

Reading Lights in All Cabins

Interior Finish

Tabu Sycamore Friese

Amara Wood

Marble

Onyx Costa Blanca

Calacatta Gold Vein

Safe Locker

Two Safe Lockers with Digital Lock are provided inside wardrobe of Owner's Cabin and Captain's Cabin

Beddings

Owner's Cabin: Mattress Protector, Bottom Sheet, Duvets, Pillows, Cushions

Vip Cabin: Mattress Protector, Bottom Sheet, Duvets, Pillows

Guest Cabins: Mattress Protector, Bottom Sheet, Duvets, Pillows

Upper Deck

Panoramic Saloon

L-Shaped Sofa With Two Side Table

Coffee Table



Loose Armchair
Wet Bar With Sink
Under Counter Fridge
Sliding Door To Upper Deck Lobby
Electric Roman And Pleated Blinds
Carpet Floor Under Seating Area
Wooden Floor

Upper Deck Lobby

Door To Wheelhouse
Door To Day Head
Electric Roman And Pleated Blinds
Marble Floor

Day Head

Washbasin With Mixer Tap
Vanity Mirror
Electric Toilet
Sanitary Accessories
Marble Floor

Wheelhouse

Main Helm Station
Captain's Adjustable Seat
Sofa
Flip down chart table
Working Desk With Chair
Door To Captain's Cabin
Wooden Floor

Captain's Cabin

Double Bed With Side Table
Wardrobe



Roman Blinds

Carpet Floor

Captain's Bathroom

Washbasin With Mixer Tap

Vanity Mirror

Shower with Mixer

Electric Toilet

Sanitary Accessories

Teak Grating

Solid Surface Floor

Main Deck

Main Saloon

Two Sofas With Side Tables

Sofa With Pop-Up Tv

Two Coffee Tables

Two Loose Armchairs

Electric Roman Blinds With Pleated/Roller Blinds

Electric Curtain At The Entrance

Carpet Floor Under Seating Area

Wooden Floor With Marble Borders

Dining Area

Dining Table With 10 Persons Seating Capacity

Low Counter Tables With Storage Cabinets

Electric Roman Blinds With Pleated Blinds

Sliding Doors To Lobby And Service Area

Wooden Floor

Pantry Area – Port Side

Crockery Storage

Ice Maker



Free Standing Coffee Machine
Countertop with Storage Cabinets
Fire Rated Swing Door to Main Galley
Wooden Floor

Main Galley

Countertop With Twin Bowl Sink, Mixer Tap, And Soap Dispenser
Overhead Cabinets
Under Counter Storage Cabinets
Four Fridge-Freezer Combination
Oven
Dishwasher
Five Burner Induction Hob
Cooker Hood
Microwave Oven
Pleated Blinds
Ceramic Tiles Floor

Laundry

Door from main lobby
Two washer units
Two Dryer units
Resilient tiles floor

Main Lobby

Stairway To Upper Deck Lobby
Stairway To Guest Lobby
Day Head
Door To Owner's Cabin
Marble Floor

Day Head

Washbasin With Mixer Tap
Vanity Mirror



Electric Toilet

Sanitary Accessories

Pleated Blinds

Marble Floor

Owner's Cabin

Double Bed With Side Tables

Sofa On Port and Stbd Side

Walk-In Closet

Vanity table with chair on port side

Electric Roman Blinds With Pleated Blinds

Swing Doors To Bathroom

Carpet Floor

Owner's Bathroom

Marble Countertop With Twin Washbasins And Mixer Tap

Mirror TV Above The Wash Basin Counter

Door To Shower Room

Door To Toilet

Marble Floor

Owner's Toilet

Electric Toilet

Bidet

Sanitary Accessories

Pleated Blinds

Marble Floor

Owner's Shower

Shower Seat

Head And Handheld Showers

Sanitary Accessories

Pleated Blinds



Marble Floor

Lower Deck

Guest Lobby

Storage Cabinet

Doors to Double Guests, Twin Guests, And Vip Guest Cabin

Carpet Floor

Double Guest Cabins

Double Bed With Side Tables

Vanity Table With Chair

Wardrobe

Electric Roman Blinds With Pleated Blinds

Carpet Floor

Double Guest Bathrooms

Marble Countertop With Wash Basin And Mixer Tap

Vanity Mirror

Electric Toilet

Sanitary Accessories

Glass Door To Shower Room

Pleated Blinds

Marble Floor

Double Guest Showers

Head And Handheld Showers

Shower Seat

Sanitary Accessories

Marble Floor

Twin Guest Cabins

Two Single Beds With A Side Table In The Center

Wardrobe

Electric Roman Blinds With Pleated Blinds



Carpet Floor

Twin Guest Bathrooms

Marble Countertop With Washbasin And Mixer Tap

Vanity Mirror With Storage Cabinet

Electric Toilet

Sanitary Accessories

Glass Door To Shower Room

Pleated Blinds

Marble Floor

Twin Guest Showers

Head And Handheld Showers

Shower Seat

Sanitary Accessories

Marble floor

VIP Guest Cabin

Double Bed With Side Tables

Walk-In Closet

Electric Roman Blinds With Pleated Blinds

Carpet Floor

VIP Guest Bathroom

Marble Countertop With Washbasin And Mixer Tap

Vanity Mirror

Electric Toilet

Sanitary Accessories

Marble Floor

VIP Guest Shower

Handheld Shower

Glass Door To Shower Room



Sanitary Accessories

Marble Floor

Crew Mess And Lounge

Solid surface countertop With Bowl Sink And Mixer Tap

Overhead Cabinets

Under Counter Drawers And Storage Cabinets

L-Shaped Seat with Table

Fridge-Freezer Combination

Microwave

Washer/Dryer

Doors To Crew Cabins

Watertight/Fire Rated Door To Engine Room

Resilient Tiles Floor

Crew Cabins

Three Cabins with Bunk Beds

Wardrobe

Pleated Blinds

Resilient Tiles Floor

Crew Bathrooms

Washbasin With Mixer Tap And Overhead Locker

Vanity Mirror

Electric Toilet

Handheld Showers

Floor With Teak Grating

Beach Club / Garage

Parking Space for Dinghy

Teak Decking



SUPPLY ITEMS

Retractable Boat Hooks

Eight Fenders F6, 11" X 42"

Eight Fender Ties, 4.5 Meter, 10mm 3 Strand, White

Basic Tool Kit

Portable Hose Reel

Two Deck Wash Connectors

Exterior Protection Covers for Sofas, Windows, and Windshield

Owner's Manual With Maintenance Schedule

Engines, Machinery And Equipment Manuals



MAIN MACHINERY AND EQUIPMENT

Propulsion System

Twin MTU 16V2000M96L, 1939 kW, 2600 BHP, 2450 RPM combined with SCR (Compliance to IMO Tier III)

Twin reverse reduction gearbox

Twin propellers

Stabilization System

Electric Fin stabilizers with servo control unit

Interceptors

Electrically operated interceptors will be fitted on the transom. Interceptor system will be interconnected with the stabilizers for combined operation while sailing. Interceptors can be operated fully automatic or manual.

Exhaust and Ventilation System

Exhaust and ventilation fans with fire dampers in engine room

Fire dampers for galley and engine room

Centralized extraction system with suction in all bathrooms

Steering System & Maneuvering

Electro- Hydraulic steering system

Bow thruster, tunnel type, electrical, 55 kW approx.

Control Stations

Main helm station

Docking Station

Emergency steering station

Docking Station

Throttle Control

Bow thruster joystick

Engine Control Panel

Horn switch

Emergency Steering



Steering Wheel

Rudder angle indicator

Anchoring and Mooring Equipment

Twin electric vertical windlasses 316L stainless steel 5.5kW ,14m/min speed ,2600Kg continues pull

Two digital chain counters on the main helm station

Two 152Kg (approximately) SHHP Pool TW type anchors with 16mm diameter stud link chain of 122m length

Pressure washing of chain only by sea water

Twin electric 316L stainless steel 3Kw ,12m/min speed ,1750Kg Continuous pull capstans with foot switches

Mooring lines 3 nos. 70m length/each with eye at one end

Horn

Compressed air horn with chrome finish on hardtop

Switches on main helm station and docking station

Air compressor and air tank for the horn and compressed air supply points

Search Light

Forward search light

Control panel on main helm station

YACHT SYSTEMS

Fuel System

5,709 US gallons (21,615 liters) FRP fuel tanks with interconnection and fuel transfer system
Main AC fuel transfer pump
DC fuel transfer pump
Deck fillers inside recessed lockers on main deck side gunwale
Fuel polishing system connected to the fuel transfer system

Lube Oil System

Two 173 US gallons (656 liters) FRP clean and dirty lube oil tanks
Main AC lube oil pump
Manual lube oil pump
316L stainless steel lube oil manifold

Air Conditioning System

Energy recovery air conditioning chiller unit with the total cooling capacity around 400,000 BTU/hr for Mediterranean region and around 545,000 BTU/hr for Middle east region
Fresh air system with one fresh air makeup unit and one extraction unit
Two sea water pumps for accommodation and one for engine room
Two chilled water pumps for accommodation and one for engine room
Air handler units with capacities ranging from 5,000 to 45,000 BTU
Separate chiller configuration for engine room

Fresh Water System

2,608 US gallons (9,874 liters) FRP freshwater tank
Two freshwater AC pumps, one AC transfer pump and an emergency DC pump
One 200 liters buffer tank
Two hot water circulation pumps
Water maker with 500 liters/hour production capacity with sea water intake pumps
Fresh water sterilizing system
Deck wash connections in garage, main deck, upper deck, foredeck, and sundeck
Transom shower with hot and cold water mixer
Dock connection for fresh water supply with pressure regulator



Windscreen wiper system

Grey Water System

532 US gallons (2013 liters) FRP forward grey water tank

Deck out for overboard discharge to port/marina

Black and grey pumps interconnection

Polished AISI 316L stainless steel scuppers on all decks

Black Water System

991 US gallons (3754 liters) FRP forward black water tank

Deck out for overboard discharge to port/marina

Provision for sewage treatment plant

Electric toilets

Bilge System

Bilge suction strainers

Main Bilge pump connected to the Fire and Bilge manifold

High water bilge alarm panel in the wheelhouse. The alarms are audible and visual



ELECTRICAL SYSTEM

Line voltage: 230V-400V AC, 3~phase, 50Hz

DC voltage: 24V

Two 80 kW, 230/400V AC, 50 Hz, 3~phase generators

Dockside cable master system

Main switch board (400V, 3~phase, 50 Hz)

Four 16A smart battery chargers for charging engine and generator batteries

One 100A battery charger for charging machinery batteries

One 80A battery charger for charging emergency batteries

One 80A battery charger for charging service batteries

Provision for one 30A battery charger for charging GMDSS batteries

Four 12V, 200AH batteries for engines

Four 12V, 200AH batteries for machinery

Two 12V, 200AH batteries for service

Four 12V, 100AH batteries for generators

Two 12V, 200AH batteries for emergency

Provision for two 12V, 165AH batteries for GMDSS

All accommodation and machinery spaces have 230V AC power outlets

NAVIGATION SYSTEM, RADIO & INSTRUMENTATION

Navigation & Radio System

Navigation system

Two 19" navigational displays on main helm station

Magnetic compass

Two radar scanners

GPS system

Automatic Identification System

Autopilot

VHF Radio with DSC

Provision for MF with DSC

Provision for NAVTEX

Rudder angle indicator

Provision for BNWAS



Night vision camera

Brass bell

Instrumentation

Two echo sounders for temperature, and depth measurement

Lightning arrester

Doors and windows sensors integrated to alarm and monitoring system

Camera Monitoring System

CCTV camera monitoring system with 6 cameras

Communication System

Intercom Telephone System in all cabins, wheelhouse, and engine room

Cathodic Protection

Zinc anodes

Copper plates

Navigation Lights

Following navigation lights are installed:

Masthead light

Side light (Port)

Side light (Stbd)

Stern light

Anchor light

Not under command lights

Navigation shapes

Emergency Lighting

24V DC Emergency lights



Flood Lights

- Two flood lights on hardtop aft
- Two flood lights on sundeck aft
- Two flood lights on upper deck aft
- Two flood lights on the foredeck flag post

Underwater Lights

- Twelve LED white underwater lights

Alarm and Monitoring System

Alarm and monitoring system automation system for monitoring and controlling the yacht.
Tank level, pumps start and stop, general alarm, fire alarm, power failure, engines exhaust gas temp, batteries power management, navigation lights control and monitoring, bilge alarm monitoring, garage gas detectors, and hatches and doors open/close monitoring is integrated

FIRE PREVENTION AND SAFETY EQUIPMENT

Structural Fire Protection

- Structural fire protection B15 in the engine room

Fire Detection and Fire Alarm System

- Fire Alarm panel
- Smoke detectors
- Heat detectors
- Call points
- Fire bells
- Warning light

Fire Appliances

- FM-200 fixed fire extinguishing system
- Main Fire pump, interconnected to the Fire and Bilge manifold
- Emergency diesel pump
- 05 Kg Dry powder fire extinguishers
- Five fire hydrant supply points are provided with fire hose reel of 20 m with jet spray nozzle on upper deck forward and aft, main deck aft, main deck lobby, guest lobby, and engine room



International shore connection with isolation valve and fire hydrant

Fire Control Plan for the guidance of the Master and Crew of the yacht

Life Saving Appliances and Means of Escape

Four life rafts each with 10 persons capacity

Inflatable life jackets with light and whistle (21 adults)

Inflatable life jackets (04 child)

Immersion suits (21 adult + 4 child)

Two lifebuoys with light and smoke

Two lifebuoys with line

One set of line throwing appliances

Six rocket parachute flares

Emergency position indicating radio beacon

Search and rescue transponder

One fire blanket

One embarkation ladder

First aid kit



ENTERTAINMENT SYSTEM

Satellite Entertainment TV System.

Two domes on hard top, one with the antenna, and other one as dummy

Sundeck

Four ceiling speakers

Upper Deck Aft

Four ceiling speakers

Upper Deck Forward

Two ceiling speakers

Upper Deck Saloon

55" UHD 4K LED TV
Five ceiling speakers
One Subwoofer
Satellite Receiver
Apple TV 4K 32GB
Media Hub

Captain's Cabin

32" LED TV
Satellite Receiver
Media Hub

Wheelhouse

Music sound control unit
Two ceiling speakers

Main Deck Aft

Four ceiling speakers

Main Saloon & Dining



55" UHD 4K LED TV with pop-up lift
Five ceiling speakers
One Subwoofer
Satellite Receiver
Apple TV 4K 32GB
Media Hub

Main Galley

32" LED TV
Two ceiling speakers
Satellite Receiver

Owner's Cabin

55" LED Mirror TV
Four ceiling speakers
Satellite Receiver
Apple TV 4K 32GB
Media Hub

Double Guest Cabins (Port & Stbd)

32" LED TV
Two ceiling speakers
Satellite Receiver
Apple TV 4K 32GB
Media Hub

Twin Guest Cabins (Port & Stbd)

32" LED TV
Two ceiling speakers
Satellite Receiver
Apple TV 4K 32GB
Media Hub

VIP Guest Cabin

32" LED TV



Two ceiling speakers
Satellite Receiver
Apple TV 4K 32GB
Media Hub

Aft Crew Mess & Pantry

32" LED TV
Satellite Receiver

Sound & Networking Equipment

Gateway Router
Networking Switches
Indoor and Outdoor access points
Storage device with four 4TB hard drives
HDMI splitter
HDMI extender
Amplifier
Music control unit connect in all accommodation areas
Video switcher
Apple iPad mini4 32GB