



# **MAJESTY 100**

## **Standard Specifications**

### **&**

## **Optional Features**

The content of this document is the property of Gulf Craft  
It is supplied in confidence and its contents must be maintained  
It must not be reproduced, modified, and must not to be used for any purpose other than that for which it is supplied, nor  
information contained be disclosed to unauthorized persons  
Requests for reproduction of any data in this document must be addressed to the copyright owners of Gulf Craft  
© Gulf Craft Inc 2021. All Rights Reserved



**MAIN CHARACTERISTICS**

**DIMENSIONS**

	<b>Feet-In</b>	<b>Meters</b>
<b>Length Overall</b>	108' – 4"	33.045
<b>Length Water Line</b>	89' – 3"	27.214
<b>Draft</b>	5' – 5"	1.672
<b>Maximum Beam</b>	22' – 6"	6.90
<b>Air Draft</b>	37' – 9"	11.572

**DESIGN**

<b>Hull Type</b>	Mono Hull
<b>Hull Material</b>	Fiber Reinforced Plastics (FRP)
<b>Superstructure Material</b>	Fiber Reinforced Plastics (FRP)
<b>Yacht Type</b>	Motor Yacht
<b>Number of Guests</b>	10 + 2 (Pullman)
<b>Number of Crew</b>	5 + 1 (Pullman)
<b>Displacement</b>	136 tons approx.
<b>Gross Tonnage</b>	199 GT
<b>Classification</b>	RINA Commercial
<b>Statutory Regulation</b>	Red Ensign Group Yacht Code Part A (Short Range)

**TANK CAPACITIES**

	<b>US. Gallons</b>	<b>Liters</b>
<b>Fuel Capacity</b>	4,000	15,142
<b>Fresh Water Capacity</b>	800	3,028
<b>Grey Water Capacity</b>	200	757
<b>Black Water Capacity</b>	200	757

**MACHINERY**

<b>Engines</b>	Twin MAN V12-1900, 1874 HP, 1397 kW, 2300 RPM combined with SCR (Compliance to IMO Tier III)
<b>Generators</b>	Twin 55kW, 230/400V AC, 50 Hz, 3~phase
<b>Power System</b>	Electrical, 230-400V AC, 50Hz, 3~phase, 24V DC

**PERFORMANCE**

<b>Top Speed</b>	20 knots*
<b>Cruising Speed</b>	12 knots*
<b>Maximum Range @ 12 knots</b>	1,300 NM*

\*Speeds and range estimates may vary depending on cleanliness of hull, and sea conditions



## 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. Jacuzzi on sundeck aft
4. Awning on sundeck aft
5. Awning on fore deck
6. Coffee machine in main galley
7. PABX Intercom Telephone System
8. Satellite phone
9. Sewage treatment plant with treating capacity of 3200 liters/day
10. Fuel purification system
11. Isolation transformer or Shore power converter
12. Electrohydraulic transformer
13. Electrohydraulic tender lift with 1,200 kg lifting capacity with stainless steel sliding rail from garage to swim platform
14. Electrohydraulic Passarella
15. Fresh water sterilizing system (Mandatory for commercial class)
16. 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
17. Hydraulic Stern Thruster
18. Repeater dashboard instrumentation at main helm.
19. Side mount ladder
20. Williams TurboJet 325 or Two-Seater Jet ski



21. Cradle for tender/jet ski
22. Platform rails and chocks for Tender and Jet ski
23. Electric patio door at main deck
24. Electric patio door at sky lounge
25. Heated flooring for all guest and owner bathroom.
26. Electrical towel heaters for all toilets except day head
27. Sauna at LD starboard side twin guest bathroom
28. Corner cupboards on port and stbd at main saloon
29. Pop-up lights 6 pcs at the forward deck
30. Swim platform portable shower
31. Twin cabins convertible to double sliding beds
32. Additional safes – 2 pcs each to the LD double guest cabins
33. Garage curtain with yacht name – M100
34. Privacy screen for aft cockpit area



---

## 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, Polyester

Core materials: Corecell (Marine Foam), Balsa Wood (Marine use), Marine Plywood

### Construction Process

---

Combination of Hand-layup lamination and Resin Infusion 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

### Gel Coating

---

Isophthalic gelcoat with low styrene content is employed to create a suitable barrier to water to avoid hydrolysis and ultraviolet degradation. The formulation of gelcoat is for both brush and spray applications. Curing of the gelcoat is done at optimal temperatures using a catalyst recommended by gelcoat manufacturer

External lockers, storages, and FRP furniture is finished in white gelcoat

Finishing of the yacht is done in white gelcoat

### 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  
Sunbed with reclining headrest and cup holders  
Skylights to owner's cabin  
Upholstered sofa with storage and two teak tables  
316L stainless steel fixed gate on starboard  
Sliding door to sky lounge (Manual)  
Bar counter with sink, teppanyaki, four bar stools and following appliances:  
Under counter fridge  
Ice maker  
Foldable access ladder to hardtop  
LED exterior lights  
Teak decking  
Self-draining

### Foredeck

---

316L stainless steel railings  
Aluminum foremast  
Two 316L stainless steel deck cleats  
Upholstered sofa with storage for fender buoys  
Teak decking  
Self-draining

### Main Deck

---

316L stainless steel railings  
Harken track for cleaning  
Weather tight doors to galley passage and main lobby  
Weather tight door to crew lounge  
Sliding patio door (Manual)  
Two electric fall-down balconies with 316L stainless steel rails



Stairway to sundeck on aft cockpit

Stairway to sundeck on gunnel starboard

Upholstered sofa with teak table on the aft cockpit

316L stainless steel transom doors

Two 316L stainless steel deck cleats

Teak decking

Self-draining

### **Swim Platform**

---

Electrohydraulic garage door

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.

Majesty 100 has five guest cabins including the owner's cabin, two double guest cabins, and two twin guest cabins

Each guest cabin has an en-suite bathroom

Two crew cabins with en-suite bathrooms in the forward, and a captain's cabin with en-suite bathroom in the aft

Day head on the main deck

### Lighting

---

LED dimmable interior lights

Wall lamps and reading lights in owner's and guest cabins

Reading lights in captain and crew cabins

### Interior Finish

---

Main Veneer - Eucalyptus Frise, Semi-gloss finish (45%)

Accent Veneer - Crown bark, Semi-gloss finish (45%)

### Marble

---

Engineered Marble Calacatta Statuario (Interior)

Engineered Marble Plain (Exterior)

### Safe Locker

---

A safe locker with digital lock is provided inside wardrobe of owner's walk-in closet

### 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

### Sky Lounge

---

Stairway to wheelhouse

L shape sofa, one loose armchair, side table and coffee table

Vertical sliding windows





Round dining table with 4 chairs

Wooden floor

---

### **Wheelhouse**

---

Main helm station

Captain's adjustable seat

L-shaped sofas

Chart table with drawer

Storage cabinets

---

### **Main Saloon**

---

Loose furniture (three sofas, two side tables, two coffee tables, two armchairs)

Two side counters

TV counter with pop-up mechanism

Electric roman blinds with pleated blinds

Carpeted floor under seating area

Wooden floor

---

### **Dining Area**

---

Dining table with glass top and 10 chairs

Lower counter tables with storage cabinets

Electric roman blinds with pleated blinds

Wooden floor

---

### **Passage Area – Port Side**

---

Stairway to wheelhouse

Electrical room access

Fire rated door to main galley

Wine cooler

Wooden floor



### **Main Galley**

---

Countertop with twin bowl sink, mixer tap, and soap dispenser  
Overhead cabinets  
Under counter storage cabinets  
Two fridge-freezer combination  
Upright fridge  
Oven  
Dishwasher  
Four burner induction hobs  
Cooker hood  
Microwave Oven  
Ice maker  
Door to laundry area  
Pleated blinds  
Resilient tiles floor

### **Storage Area**

---

Storage cabinets  
Door to main lobby  
Stairway to crew cabins  
Resilient tiles floor

### **Main Lobby**

---

Stairway to guest lobby  
Luggage storage room  
Glass & crockery storage cabinet  
Door to owner's office  
Wooden floor

### **Day Head**

---

Washbasin with mixer tap



Vanity mirror  
Electric toilet  
Sanitary accessories  
Pleated blinds  
Marble floor

---

#### **Owner's Office**

---

Vanity/working desk with doors and side seats  
Chair  
Electric roman blinds with pleated blinds  
Carpeted floor

---

#### **Owner's Cabin**

---

Double bed with side tables  
Counter with storage cabinets and drawers on starboard  
Under counter small fridge  
Fixed table on port  
Two loose armchairs  
Electric roman blinds with pleated blinds  
Carpeted floor

---

#### **Owner's Walk-in Closet**

---

Wardrobes, open-shelves, and drawers  
Carpeted floor  
Door to owner's bathroom

---

#### **Owner's Bathroom**

---

Twin washbasins with mixer tap  
Vanity mirrors with storage cabinet  
Electric toilet  
Bidet  
Sanitary accessories



Glass door to shower room  
Marble floor

---

#### **Owner's Shower**

---

Shower seat  
Pleated blinds  
Head and handheld showers  
Sanitary accessories  
Marble floor

---

#### **Guest Lobby**

---

Storage cabinet  
Doors to double guest, and twin guest cabins  
Wood flooring + rug

---

#### **Double Guest Cabins**

---

Double Bed with side tables, drawers, and storage  
Wardrobe  
Electric roman blinds with pleated blinds  
Storage cabinets  
Carpeted floor

---

#### **Double Guest Bathrooms**

---

Washbasin with mixer tap  
Vanity with own storage  
Vanity mirror with cabinet  
Electric toilet  
Marble floor  
Sanitary accessories  
Glass door to shower room



---

### **Double Guest Showers**

---

Head and handheld showers

Marble floor

Sanitary accessories

---

### **Twin Guest Cabins**

---

Two single beds with storage and nightstand

One pull man bed

Wardrobe

Electric roman blinds

Carpeted floor

---

### **Twin Guest Bathrooms**

---

Washbasin with mixer tap

Vanity mirror

Electric toilet

Marble floor

Sanitary accessories

Glass door to shower room

---

### **Twin Guest Showers**

---

Head and handheld showers

Marble floor

Sanitary accessories

---

### **Crew Lobby**

---

Resilient tiles floor

Storage cabinets

Doors to crew cabins

---

### **Crew Cabins**

---

Two bunk beds with nightstand



Wardrobe

Pleated blinds

Open shelves

Resilient tiles floor

---

### **Crew Bathrooms**

---

Washbasin with mixer tap

Vanity mirror with cabinet

Electric toilet

Handheld showers

Floor with teak grating

---

### **Crew Lounge**

---

Twin bowl sinks with mixer tap

Overhead cabinets

Under counter drawers and storage cabinets

Fridge-freezer combination

Microwave

Washing machine

Upholstered sofa with coffee table

Storage cabinet

Pleated blinds

Resilient tiles floor

---

### **Captain's Cabin**

---

Single bed

One pullman bed

Wardrobe

Pleated blinds

---

### **Captain's Bathroom**

---

Washbasin with mixer tap



Vanity mirror with cabinet

Electric toilet

### **Captain's Shower**

---

Handheld showers

Shower seat

Sanitary accessories

Floor with teak grating

### **Garage**

---

Garage for owner's supplied dinghy

Teak decking

### **SUPPLY ITEMS**

Retractable Boat Hooks

Eight Fenders F6, 11" x 42" by Polyform

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 MAN V12-1900, 1874 HP, 1397 kW, 2300 RPM combined with SCR (Compliance to IMO Tier III)

Twin reverse reduction gearbox

Twin power take offs (P.T.O)

Twin five blade propellers

### 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 reversible fans in engine room

Aluminum mist eliminator for the engine room

Fire dampers for the engine room

Automatic fire dampers for galley and engine room

Exhaust blowers in all bathrooms

Charcoal filters for black and grey vent pipes

Exhaust blowers in rudder compartment

### Steering System & Maneuvering

---

Electro-hydraulic servo assisted steering system

Electric Fin Stabilizers with zero speed stabilization feature

Up to 65 HP hydraulic bow thruster

### Control Stations

---

Main helm station

Docking Station

Emergency steering station

### Docking Station

---

Throttle Control

Bow thruster joystick





---

Engine control panel

Horn switch

### **Yacht Controller**

---

Yacht controller for remote control maneuvering of Engines and Bow thruster only

### **Emergency Steering**

---

Steering Wheel

Rudder angle indicator

Heading Indicator

### **Anchoring and Mooring Equipment**

---

Twin electric vertical windlasses with deck handheld controls

Two digital chain counters on the main helm station

Two 137Kg VHHP Pool TW type anchors with at least 110m length and 12.5mm diameter chain

Pressure washing of chain only with sea water

Twin 24V DC, 1200W capstans with foot switches

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

### **Horn**

---

Electric air horn with a single trumpet

Switches on main helm station and docking station

### **Search Light**

---

Forward search light

Control panel on main helm station



---

## YACHT SYSTEMS

---

### Fuel System

---

4,000 US gallons (15,142 liters) FRP fuel tanks with interconnection

Main AC fuel transfer pump

Emergency DC fuel transfer pump

Deck fillers inside recessed lockers

316L stainless steel fuel transfer manifold

### Lube Oil System

---

Manual lube oil pump

316L stainless steel lube oil manifold

### Air Conditioning System

---

Air conditioning chiller units with the total cooling capacity around 306,900 BTU/hr for Mediterranean region and 409,200 BTU/hr for Middle east region

Two sea water pumps

Two chilled water circulation pumps

Fan coil units with capacities ranging from 6,800 to 34,100 BTU/hr

Fresh air system central air extraction with heat recovery

### Fresh Water System

---

800 US gallons (3,028 liters) FRP freshwater tank

Two freshwater AC pumps, and an emergency DC pump

Two 150 liters water heaters

Two hot water circulation pumps

Water maker with 140 liters/hour production capacity

Deck wash connections on swim platform, anchor handling compartment, 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**

---

200 US gallons (757 liters) FRP forward grey water tank

Deck out for overboard discharge to port/marina

Black and grey pumps interconnection

Polished 316L stainless steel scuppers on all decks

### **Black Water System**

---

200 US gallons (757 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 Bilge manifold

Three electric submersible bilge pumps with the discharge capacity of 3,700 US gallons/hr

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

Bilge system piping is 316L stainless steel



---

## ELECTRICAL SYSTEM

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

DC voltage: 24V

Twin 230/400V AC, 55 kW, 3~phase generators with load distribution

Dockside cable master system

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

Galvanic Isolator

Four 16A smart battery chargers

Two 80A battery chargers

One 30A battery charger

Four 12V, 200AH batteries for engines

Four 12V, 200AH batteries for service and machinery

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

---

Two 17" navigational displays

Magnetic compass

Two radar scanners

GPS system

Automatic Identification System (AIS)

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

Tank level monitoring system integrated with navigation display

### **Camera Monitoring System**

---

CCTV camera monitoring system with dome cameras at the following locations

Sundeck

Aft Cockpit

Gunnel port and starboard

Engine room forward and aft

### **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

NUC light

Navigational shapes

### **Emergency Lighting**

---

24V DC Emergency lights

### **Flood Lights**

---

Two flood lights on hardtop aft

Two flood lights on sundeck aft

One flood light on the foremast

### **Underwater Lights**

---



---

Ten LED white underwater lights

## 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 main bilge pump

Emergency diesel pump

02 Kg Dry powder fire extinguishers

06 Kg Dry powder fire extinguishers

Four fire hydrant supply points are provided with fire hose reel of 15m with jet spray nozzle on-engine room and 18m with jet spray nozzle on sundeck, aft cockpit, and guest lobby

Sprinkler system and gas fume detection system in garage

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 09 persons capacity

Inflatable life jackets with light and whistle (18 adults)

Inflatable life jackets (02 child)

Immersion suits (18 adults)



Immersion suit (02 child)  
Two lifebuoys with light and smoke  
Two lifebuoys with line  
Two lifebuoys with light  
One set of line throwing appliances  
Six rocket parachute flares  
Emergency position indicating radio beacon  
Search and rescue transponder  
Grab bag  
First aid kit  
One fire blanket in galley



---

## ENTERTAINMENT SYSTEM

---

Satellite Entertainment TV System.

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

### **Sky Lounge**

---

55" LED TV with swivel mechanism

Four ceiling speakers

Apple TV 4K, 32GB

Satellite receiver

Indoor access point

Media hub

### **Sun Deck Forward**

---

Two on-wall speakers

Outdoor access point

### **Sun Deck Aft**

---

Two ceiling speakers

Two wall mounted speakers

### **Aft Cockpit**

---

Four ceiling speakers

### **Main Saloon and Dining Area**

---

55" LED TV with pop-up mechanism

Four ceiling speakers

Apple TV 4K, 32GB

Satellite receiver

Indoor access point

Media hub

### **Main Lobby**

---

Indoor access point





---

**Owner's Cabin**

---

55" LED TV  
Two ceiling speakers  
Apple TV 4K, 32GB  
Satellite receiver  
Indoor access point  
Media hub

**Guest Lobby**

---

Indoor access point

**Double Guest Cabin (Port & Starboard)**

---

40" LED TV  
Apple TV 4K, 32GB  
Two ceiling speakers  
Satellite receiver  
Media hub

**Twin Guest Cabin (Port & Starboard)**

---

40" LED TV  
Apple TV 4K, 32GB  
Two ceiling speakers  
Satellite receiver  
Media hub

**Crew Lounge**

---

24" LED TV  
Satellite receiver

**Wheelhouse**

---

Two ceiling speakers  
Stereo system

**Server Rack Equipment**

---

Amplifier for music control



4 TB Storage device

Network switching devices

Gateway Router

HDMI splitter

HDMI Extender

Music Zone amplifiers

Uninterrupted power supply

Network Rack

iPad mini4 (32 GB) one for music control app