

# ***MAJESTY 100***

## ***Standard Specifications***

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**Main Characteristics**

**Dimensions**

	<b>Feet-In</b>	<b>Meters</b>
<b>Length Overall</b>	104'	31.70
<b>Length Water Line</b>	87' – 8"	26.72
<b>Draft</b>	5' – 5"	1.65
<b>Maximum Beam</b>	23' – 4"	7.10
<b>Air Draft</b>	34' – 9"	10.60

**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>	132 Tons
<b>Classification</b>	RINA Pleasure
<b>Navigation Service</b>	Unrestricted

**Tank Capacities**

	<b>US. Gallons</b>	<b>Liters</b>
<b>Fuel Capacity</b>	4,150	15,710
<b>Fresh Water Capacity</b>	925	3,502
<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
<b>Generators</b>	Twin Kohler 50kW, 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>	15.4 knots*
<b>Maximum Range @ 12 knots</b>	1,300 NM*

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

## 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

Core materials: Styrene Acrylonitrile (SAN) Foam-typical for marine applications, Balsa wood

### **Construction Process**

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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

### **Gel Coating**

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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**

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

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**Superstructure**

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**Sundeck**

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AISI 316L stainless steel railings  
Sunbed with reclining headrest and cup holders  
Skylights to owner's cabin  
Upholstered sofa with storage and two teak tables  
AISI 316L stainless steel fixed gate on starboard  
Sliding door to sky lounge  
Bar counter with sink, teppanyaki, four bar stools and following appliances:  
Under counter fridge by Frigoboat Veco  
Ice maker by Frigoboat Veco  
Warm white exterior lights by Cantalupi  
Teak decking  
Self-draining

**Foredeck**

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

**Main Deck**

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AISI 316L stainless steel railings  
Rail track for cleaning  
Weather tight doors to galley passage and main lobby  
Weather tight door to crew lounge  
Sliding patio door

Two electric fall down balconies with AISI 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

AISI 316L stainless steel transom doors

Two AISI 316L stainless steel deck cleats

Teak decking

Self-draining

**Swim Platform**

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Electrohydraulic garage door

Removable AISI316L stainless steel staple rails on swim platform

Swim ladder

Teak decking

## Interior Arrangement

### Accommodation Layout

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The arrangement and accommodation layout shall be according to the General Arrangement Plan and Profile

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

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Warm white dimmable interior lights by Cantalupi

Wall lamps and reading lights in owner's and guest cabins by Alma Light

Reading lights in captain and crew cabins by Cantalupi

### Interior Finish

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

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

### Marble

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Corinthian beige

### Safe Locker

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

### Beddings

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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

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Stairway to wheel house

Loose furniture (Sofa, two loose arm chairs, side tables, and coffee table)

Vertical sliding windows

Round dining table with 4 chairs

Wooden floor

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**Wheel House**

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Main helm station

Captain's adjustable seat

L-shaped sofas

Chart table with drawer

Storage cabinets

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**Main Saloon**

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Loose furniture (three sofas, two side tables, two coffee tables, two arm chairs)

Two side counters

TV counter with pop-up mechanism

Electric roman blinds with pleated blinds

Carpeted floor under seating area

Wooden floor

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**Dining Area**

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Dining table with glass top and 10 chairs

Lower counter tables with storage cabinets

Electric roman blinds with pleated blinds

Wooden floor

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**Passage Area – Port Side**

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Stairway to wheel house

Electrical room access

Fire rated door to main galley

Wine cooler

Wooden floor

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**Main Galley**

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Counter top with twin bowl sink, mixer tap, and soap dispenser

Overhead cabinets

Under counter storage cabinets

Two fridge-freezer combination by Miele

Upright fridge by Gorenje

Oven by Miele

Dishwasher by Miele

Four burner induction hob by Miele

Cooker hood by Miele

Microwave Oven by Miele

Ice maker by Scotsman

Fire rated door to laundry area

Pleated blinds

Resilient tiles floor

**Laundry**

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Washer by Miele

Dryer by Miele

Stairway to crew cabins

Resilient tiles floor

**Main Lobby**

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Stairway to guest lobby

Storage room

Glass & crockery storage cabinet

Door to owner's office

Wooden floor



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**Day Head**

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Washbasin with mixer tap

Vanity mirror

Electric toilet

Sanitary accessories

Pleated blinds

Marble floor

**Owner's Office**

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Vanity/working desk with drawers and side seats

Chair

Electric roman blinds with pleated blinds

Carpeted floor

**Owner's Cabin**

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Double bed with side tables

Dressing table with storage cabinets and drawers

Under counter small fridge by Dometic

Two sofa seats

Electric roman blinds with pleated blinds

Carpeted floor

**Owner's Walk-in Closet**

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Wardrobes, open-shelves, and drawers

Carpeted floor

Door to owner's bathroom

**Owner's Bathroom**

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Twin washbasins with mixer tap

Vanity mirrors with storage cabinet

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Electric toilet

Bidet

Sanitary accessories

Glass door to shower room

Marble floor

**Owner's Shower**

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Shower seat

Pleated blinds

Head and handheld showers

Sanitary accessories

Marble floor

**Guest Lobby**

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Storage cabinet

Doors to double guest, and twin guest cabins

Carpeted flooring

**Double Guest Cabins**

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Double Bed with side tables, drawers, and storage

Wardrobe

Electric roman blinds with pleated blinds

Storage cabinets

Carpeted floor

**Double Guest Bathrooms**

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Washbasin with mixer tap

Drawers

Vanity mirror with cabinet

Electric toilet

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Marble floor

Sanitary accessories

Glass door to shower room

**Double Guest Showers**

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Head and handheld showers

Marble floor

Sanitary accessories

**Twin Guest Cabins**

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Two single beds with storage and night stand

One pull man bed

Wardrobe

Electric roman blinds

Carpeted floor

**Twin Guest Bathrooms**

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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**

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Resilient tiles floor

Storage cabinets

Doors to crew cabins

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**Crew Cabins**

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Two bunk beds with night stand

Wardrobe

Pleated blinds

Open shelves

Resilient tiles floor

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**Crew Bathrooms**

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Washbasin with mixer tap

Vanity mirror with cabinet

Electric toilet

Hand held showers

Floor with teak grating

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**Crew Lounge**

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Twin bowl sinks with mixer tap

Overhead cabinets

Under counter drawers and storage cabinets

Fridge-freezer combination by Miele

Microwave by Miele

Washing machine by Miele

Upholstered sofa with coffee table and two stools

Storage cabinet

Pleated blinds

Resilient tiles floor

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**Captain's Cabin**

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Single bed  
One pullman bed  
Wardrobe  
Pleated blinds  
Resilient floor tiles

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**Captain's Bathroom**

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Washbasin with mixer tap  
Vanity mirror with cabinet  
Electric toilet

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**Captain's Shower**

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Hand held showers  
Shower seat  
Sanitary accessories  
Floor with teak grating

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**Garage**

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Garage for owner's supplied dinghy (Williams Turbojet 325)  
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  
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**

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Twin MAN V12-1900, 1874 HP, 1397 kW, 2300 RPM marine diesel engines

Twin reverse reduction gearbox ZF3050A 2.52:1 by ZF marine

Twin power take offs (P.T.O)

Twin five blade propellers by CJR

### **Trim Adjustment System**

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Dual hydraulic trim tabs by BCS Srl

### **Exhaust and Ventilation System**

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Exhaust and ventilation reversible fans in engine room by C.E.M

Aluminum mist eliminator for the engine room by Eco

Fire dampers for the engine room by C.E.M

Automatic fire dampers for galley and engine room by C.E.M

Exhaust blowers in all bathrooms by C.E.M

Charcoal filters for black and grey vent pipes

Exhaust blowers in rudder compartment by Silent

### **Steering System & Maneuvering**

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Electro-hydraulic servo assisted steering system by Marsili

Up to 65 HP hydraulic Bow thruster by ABT-TRAC

### **Control Stations**

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Main helm station

Docking Station

Emergency steering station

### **Docking Station**

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Throttle Control

Bow thruster joystick

Engine control panel

Horn switch

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**Yacht Controller**

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

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**Emergency Steering**

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Steering Wheel

Rudder angle indicator

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**Anchoring and Mooring Equipment**

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Twin hydraulic vertical windlasses VWC4500 with deck handheld controls by Maxwell

Two digital chain counters on the main helm station

Two 114Kg SHHP Pool TW type anchors with 110m/ea. length and 14mm diameter chain

Pressure washing of chain by fresh water outlet

Twin 24V DC, 1200W capstans with foot switches by Maxwell

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

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**Horn**

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Electric air horn with a single trumpet by Marco

Switches on main helm station and docking station

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**Search Light**

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Forward search light by Jabsco

Control panel on main helm station

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**Yacht Systems**

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**Fuel System**

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4,150 US gallons (15,710 liters) FRP fuel tanks with interconnection

Main AC fuel transfer pump by C.E.M

Emergency DC fuel transfer pump by C.E.M

Deck fillers inside recessed lockers

AISI 316L stainless steel fuel transfer manifold

**Lube Oil System**

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Main AC lube oil pump by C.E.M

Emergency manual lube oil pump by C.E.M

AISI 316L stainless steel lube oil manifold

**Air Conditioning System**

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Two air conditioning chillers with the total cooling capacity of 384,000 BTU/hr by Climma

Two sea water pumps by Calpeda

Two chilled water pumps by Calpeda

Air handler units with capacities ranging from 7,000 to 24,000 BTU/hr by Climma

Self-contained air handler units in the engine room and electrical room by Climma

**Fresh Water System**

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925 US gallons (3,502 liters) FRP fresh water tank

Two fresh water AC pumps, and an emergency DC pump by C.E.M

Two 80 liters water heaters and two 60 liters water heaters by Quick

Two hot water circulation pumps by Grundfos

Water maker with 140 liters/hour production capacity by HP

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

Fresh water piping is polybutylene



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**Grey Water System**

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200 US gallons (757 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  
Grey water system piping is uPVC and AISI 316L stainless steel

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**Black Water System**

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200 US gallons (757 liters) FRP forward black water tank  
Deck out for overboard discharge to port/marina  
Black water system piping is uPVC and AISI 316L stainless steel  
Electric toilets by Tecma

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**Bilge System**

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Bilge suction strainers  
Main Bilge pump connected to the Bilge manifold  
Six electric submersible bilge pumps with the discharge capacity of 3700 US gallons/hr by Rule  
High water bilge alarm panel in the wheel house. The alarms are audible and visual  
Bilge system piping is AISI 316L stainless steel

### Electrical System

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

DC voltage: 24V

Twin Kohler 230/400V AC, 50 kW, 3~phase generators with load distribution

Dockside cable master system by Glendinning

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

Galvanic Isolator by Dei marine

Four 16A smart battery chargers by Victron Energy

Two 80A battery chargers by Victron Energy

One 30A battery charger by Victron Energy

Four 12V, 200AH batteries for engines by Exide

Four 12V, 200AH batteries for service and machinery by Exide

Four 12V, 100AH batteries for generators by Exide

Two 12V, 200AH batteries for emergency by Exide

All accommodation and machinery spaces have 230V AC power outlets by Vimar

### Navigation System, Radio & Instrumentation

#### Navigation & Radio System

Navigation system by Garmin

Two 17" navigational displays

Magnetic compass by Ritchie

Two radar scanners

GPS system

Automatic Identification System

Autopilot

VHF Radio

Night vision camera M324CS by Flir

#### Instrumentation

Two echo sounders for temperature, and depth measurement by Airmar

Two wind transducers integrated with instrument display on main helm station by Garmin

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Lightning arrester

Doors and windows sensors integrated to the panel in wheel house

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**Camera Monitoring System**

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CCTV camera monitoring system with dome cameras by HIK vision at the following locations

Sundeck

Aft Cockpit

Gunnel port and starboard

Engine room forward and aft

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**Public Address System**

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Master station with five lines connected to substations in engine room and emergency steering by Zenitel

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**Cathodic Protection**

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Zinc anodes

Copper plates

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**Navigation Lights**

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Following navigation lights by Lopolight are installed:

Masthead light

Side light (Port)

Side light (Stbd)

Stern light

Anchor light

Not under command lights

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**Emergency Lighting**

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24V DC Emergency lights

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**Flood Lights**

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Two flood lights on hardtop aft by Lumitec

Two flood lights on sundeck aft by Lumitec

One flood light on the foremast by Lumitec

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**Underwater Lights**

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Ten LED white underwater lights by Ultimate Limited

**Tank Sentry System**

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Tanks level monitoring system with analog monitoring panel in engine room by Headhunter

## Fire Prevention and Safety Equipment

### **Structural Fire Protection**

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Structural fire protection in the engine room and main galley

### **Fire Detection and Fire Alarm System**

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Fire Alarm panel by Catef marine

Smoke detectors by Apollo

Heat detectors by Apollo

Call points by Tyco

Fire bells by Thorn security

Warning light by Sunbeam

### **Fire Appliances**

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FM-200 fixed fire extinguishing system by Fire Boy

Main Fire pump by C.E.M, interconnected to the main bilge pump

Emergency diesel pump by C.E.M

02 Kg Dry powder fire extinguishers by Firex

06 Kg Dry powder fire extinguishers by Firex

Four fire hydrant supply points are provided with fire hose reel of 20 m with jet spray nozzle on sundeck, aft cockpit, guest lobby, and engine room

Sprinkler system and petrol 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**

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Four life rafts each with 08 persons capacity by Ocean safety

Inflatable life jackets with light and whistle (18 adults) by Vikings

Inflatable life jackets (02 child) by Vikings

Immersion suits (18 adults) by Vikings

Immersion suit (02 child) by Vikings

Two lifebuoys with light and smoke

Two lifebuoy with line

Two lifebuoys with light  
One set of line throwing appliances by Pains wessex  
Six rocket parachute flares  
Emergency position indicating radio beacon by Mcmurdo  
Search and rescue transponder by Mcmurdo  
Two fireman's outfit by Flameguard  
Two breathing apparatus by Scott  
Grab bag  
First aid kit  
Two fire blankets

## Entertainment System

Satellite Entertainment TV System TV8 by KVH. Two domes on hard top, one with the antenna, and other one as dummy

### **Sky Lounge**

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Samsung UHD TV 4K 55 inches with swivel mechanism

Four ceiling speakers by KEF

Apple TV 4K, 32GB

Satellite receiver by Humax

Indoor access point by Ruckus

Media hub by Teleadapt

### **Sun Deck Forward**

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Two on-wall speakers by Bowers & Wilkins

Outdoor access point by Ruckus

### **Sun Deck Aft**

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Two ceiling speakers by Bowers & Wilkins

Two wall mounted speakers by Bowers & Wilkins

### **Aft Cockpit**

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Four ceiling speakers by Bowers & Wilkins

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

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Samsung UHD TV 4K 55 inches with pop-up mechanism

Four ceiling speakers by KEF

Apple TV 4K, 32GB

Satellite receiver by Humax

Indoor access point by Ruckus

Media hub by Teleadapt

### **Main Lobby**

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Indoor access point by Ruckus

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**Owner's Cabin**

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Samsung UHD TV 4k 55 inches  
Two ceiling speakers by KEF  
Apple TV 4K, 32GB  
Satellite receiver by Humax  
Indoor access point by Ruckus  
Media hub by Teleadapt

**Guest Lobby**

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Indoor access point by Ruckus

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

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Samsung UHD TV 4k 40 inches  
Apple TV 4K, 32GB  
Two ceiling speakers by KEF  
Satellite receiver by Humax  
Media hub by Teleadapt

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

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Samsung UHD TV 4k 40 inches  
Apple TV 4K, 32GB  
Two ceiling speakers by KEF  
Satellite receiver by Humax  
Media hub by Teleadapt

**Crew Lounge**

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Samsung LED TV 24 inches  
Two ceiling speakers by KEF  
Satellite receiver by Humax  
Media hub by Teleadapt

**Fore Deck**

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Two wall mounted speakers by Bowers & Wilkins  
Outdoor access point by Ruckus



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**Wheel House**

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Two ceiling speakers by KEF

Stereo system by Fusion

**Server Rack Equipment**

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Sonos Connect Amplifier for music control

4 TB Storage device by QNAP

Two Network switching devices by Cisco

Gateway Router by Peplink

HDMI splitter by Aten

HDMI Extender by Wyre Strom

Music Zone amplifiers by B&O

Uninterrupted power supply by APC

Network Rack

iPad mini4 (32 GB) one for music control app

**MAJESTY 100 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. RINA commercial classification for chartering
2. Compliance with Maritime and Coast Guard Agency (MCA) Large Yacht Code LY3
3. ABT-TRAC 370 Fin Stabilizer System with zero speed stabilization feature
4. Yacht name by Yachtlite
5. Aft search light by Jabsco
6. Jacuzzi on sundeck aft
7. Awning on sundeck aft
8. Coffee machine in main galley
9. PABX Intercom Telephone System by Panasonic
10. Thuraya satellite phone
11. Sewage treatment plant with treating capacity of 3200 liters/day by Tecnicomar
12. Fresh air system by Climma
13. Fuel purification system by AXI
14. Isolation transformer 50 kW by Abaft
15. Shore power converter by Marpower
16. Electrohydraulic transformer with 6 steps and 550 kg lifting capacity by Opacmare or  
Electrohydraulic tender lift with 800 kg lifting capacity by Opacmare with stainless steel sliding rail  
from garage to swim platform
17. Electrohydraulic Passarelle by Opacmare
18. Up to 40 HP Hydraulic Stern Thruster by ABT-TRAC
19. Marquipt side mount ladder
20. Williams TurboJet 325 or Two-Seater Jet ski
21. Cradle for tender/jet ski