

MAJESTY  YACHTS

by 

MAJESTY 48

TECHNICAL SPECIFICATIONS

Please note this is the technical specifications of Majesty 48. The right is reserved to add, modify or delete during the final product development programme.

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Principal characteristics

| | |
|----------------------|---|
| Length overall | 49 ft 2 in (14.98 m) |
| Length waterline | 40 ft 8 in (12.41 m) |
| Beam | 16 ft 5 in (4.995 m) |
| Draft | 3 ft 1 in (0.935 m) |
| Displacement | 20 t approximately |
| Fuel capacity | 400 US gal (1,514.16 l) |
| Fresh water capacity | 100 US gal (378.54 l) |
| Black water capacity | 20.3 US gal (77 l) |
| Grey water capacity | 20.3 US gal (77 l) |
| Generator | Kohler, 11 kW, 50 Hz |
| Engines | Cummins 2 x QSB 6.7 M 550 hp @ 3300 rpm (HOD) |

Specifications Overview

- Power assisted electro hydraulic steering system
- Bow thruster 6 hp, 24 VDC
- 24 VDC and 220 VAC electrical system
- 220 VAC, 50 Hz, single phase shore power dock side connection
- 11 kW, 220 VAC, 50 Hz generator
- Anchor 20 kg with chain length 50 m, 10 mm diameter
- Anchor winch 1500 W capacity
- Dual station electric anchor winch controls
- Dual station electric trim tabs with indicators
- Electric toilets
- Search light with dual station controls
- Self contained air conditioning system with total capacity 83,000 Btu
- Saloon 32" LED TV / DVD player system
- Owner's cabin 32" LED TV / DVD player system
- Stainless steel transom door
- Stainless steel railings
- Powder coated aluminum framed saloon door
- Round shape portholes
- 6 x stainless steel deck cleats
- Electric water heater 50 l capacity
- Water maker 70 l/hr capacity
- Fixed fire extinguishing system for the engine room and generator room
- Fly-bridge upholstered sofa seats and table
- Teak decking on swim platform and cockpit
- Life raft 6 persons
- Sun top with canvas
- 4 x under water lights

Construction

- The hull and deck are made out of a single piece GRP mould, built from combination of chopped strand mat, bi-directional knit fabric and balsa core hand-laminated under controlled temperatures with isopathalic polyester resin
- The hull and deck exterior have got mirror glaze gel-coat finish
- All materials used in the construction are approved marine quality
- Solid fiberglass laminate on keel and chines
- Hull bottom is finished and painted with antifouling paint

Deck fittings

- Electric anchor winch with fore deck, main helm and fly-bridge controls
- Stainless steel bow roller for anchor launch and retrieve
- Anchor 20 kg with 50 m length, diameter 10 mm of chain
- Anchor winch 1500 W capacity
- Deck hatch access to chain locker
- Foredeck hatch to VIP cabin
- Full set of navigation lights
- Search light with dual station controls
- Single trumpet electric horn
- 6 x stainless steel deck cleats
- Stainless steel railings
- Side windows
- Front wind screen
- Windscreen wipers with fresh water wash system
- Forward sun bed

Aft cockpit

- Lockable gas strut assisted hatch to generator/engine room
- Stainless steel transom door leading to swim platform
- Self draining
- Upholstered seating and table
- Cockpit ceiling lighting
- Deck lights
- Stainless steel handrails
- Manual swim ladder at swim platform
- Deck wash
- Ladder with teak steps to flybridge
- Access door to crew cabin
- Recessed locker for house and generator battery switches
- Recessed locker for fixed fire extinguishers and fuel shut-off valve pull handles

Fly-bridge

- Upholstered helm seat
- Sofa seat
- Table
- Wind deflector screen
- Stainless steel handrails
- Fiber glass radar arch
- Lighting on underside of radar arch
- Stainless steel sink with hot and cold water supply

- Storage under sofa seats
- Self draining

Fly-bridge helm position

- Fly-bridge helm position instruments and controls
 - Steering wheel
 - Port and starboard engine's parameter gauges
 - Port and starboard engine's control switch panels
 - Navigation display
 - Autopilot display
 - VHF radio hand set
 - Trim tab controls
 - Trim tab gauge
 - Throttle
 - Search light switch
 - Magnetic compass
 - Rudder angle gauge
 - Anchor winch control switch
 - Bow thruster control
 - Switches of horn, flybridge arch light, flybridge sofa light

Lower helm position

- Lower helm position instruments and controls
 - Steering wheel
 - Port and starboard engine's parameter gauges
 - Port and starboard engine's control switch panels
 - Navigation display
 - Autopilot display
 - Card reader
 - VHF radio
 - Trim tab controls
 - Trim tab gauge
 - Throttle
 - Search light switches
 - Magnetic compass
 - Rudder angle gauge
 - Anchor winch control switch
 - Fresh water tank gauge
 - Black tank gauge
 - Grey tank gauge
 - Black and grey tank pumps control switch panel
 - Fuel tank gauges
 - Bow thruster control

- Generator control panel
- Wiper controls
- Bilge pump switches
- Switches of horn, navigation light, anchor light, gauge light, pilot light and engine room blower

Electrical system

- Main power supplied by 11 kW generator
- Shore power connection 63 A, 25 m length cable
- Shore power socket at swim platform
- All battery banks charging with battery charger 100 A
- 2 x 12 V, 200 Ah batteries for port engine
- 2 x 12 V, 200 Ah batteries for starboard engine
- 2 x 12 V, 100 Ah batteries for generator
- 2 x 12 V, 200 Ah batteries for house
- Battery isolations switches
- Circuit breakers on all circuits
- Tank sensors for all tanks
- Air ventilation system in engine room
- 220 VAC power outlets
- All seacocks under the water line are grounded
- Cathodic protection provided by cross bonded zinc anodes

Navigation system

- Garmin navigation system
 - 12" multi-touch glass display at main helm station
 - 8" multi-touch glass display at flybridge helm station
 - Autopilot system GHP-10 core pack
 - Autopilot second station control
 - 36 NM, 4 kW radar scanner
 - VHF antenna
 - Reversing hydraulic 2Ltr pump kit
 - Blue chart (G2 vision gulf SW)
 - Remote sounder
 - Transducer

Entertainment system

- Saloon
 - LED TV 32"
 - DVD player
 - Satellite receiver
- Owner's cabin
 - LED TV 32"
 - DVD player
 - Satellite receiver
- Aft cockpit
 - 2 x speakers
- Satellite antenna KVH, M5

Power and drive systems

- Bow thruster 6 hp, 24 VDC
- 2 x propellers, 4-bladed, AB2 material
- 2 x stainless steel shafts
- 2 x bronze rudders
- Sea water strainers for main engines

Fuel system

- Aluminum fuel tanks
- Fuel level gauges
- Deck fillers on port and starboard side
- Fuel tanks provided with manhole covers, ventilation pipes
- Manual fuel shut-off valve

Fresh water system

- Aluminum fresh water tank
- Fresh water pump
- Water heater 50 l capacity
- Water maker capacity 70 l/hr capacity
- Pump circuit breaker at main switch panel
- Water level gauge
- Deck filler
- Deck wash at aft cockpit

Black water and grey water system

- Plastic black water tank
- Plastic grey water tank
- Electric toilets
- Black water and grey water level gauges
- All plumbing lines are PVC pipes and flexible hoses

Fire extinguishing system

- Fixed fire extinguishers for the engine room and generator room
- Hand operated portable fire extinguishers for immediate use in all areas
 - Owner's cabin
 - VIP cabin
 - Guest cabin
 - Galley
 - Crew cabin

Bilge system

- Two electric submersible bilge pumps (500 GPH) to be fitted in each water tight compartment beneath the following area
 - VIP cabin
 - Owner's cabin
 - Engine room
 - Rudder compartment

Air conditioning system

- Self contained air conditioning system with total capacity 83,000 Btu
- Self contained A/C capacities as:
 - Saloon (port side) -16,000 Btu
 - Saloon (starboard side) – 16,000 Btu
 - Owner's cabin – 16,000 Btu
 - VIP cabin & Guest cabin – 16,000 Btu
 - Crew cabin – 7,000 Btu
 - Wheel house – 12,000 Btu
- Sea water pump 230 VAC, 50 Hz

Insulation

- Engine room bulkheads insulated with B 15 insulation foam sheet

Appliances

- Galley
 - Integrated fridge
 - Refrigerator
 - Microwave
 - Hot plate (2 burner)
- Flybridge
 - Electric grill

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Miscellaneous

- Fire blanket
- First aid kit
- Mooring ropes
- 6 x life jackets
- 2 x life rings
- 2 x boat hooks
- 6 x fenders

❖ Interior specifications

Main deck

Galley

- Counter top
- Stainless steel sink with hot and cold water supply
- Overhead cabinet
- Side window with pleated blinds
- Wooden flooring
- Architectural lighting
- Air conditioning
- Lighting switches and AC sockets

Dining

- Foldable dining table
- 2 x sofa seats
- Side window with pleated blinds
- Architectural lighting
- Air conditioning

Saloon

- Port and starboard side sofa seats
- Coffee table
- Side windows with pleated blinds
- Fitted carpet
- Stairs down to lower deck
- Architectural lighting
- Air conditioning
- Lighting switches and AC sockets

Lower deck

Owner's cabin

- Large double bed
- Bed side tables
- Side windows with porthole for sea side view
- Roman blinds
- Sofa seats and table
- Storage
- Open shelf
- Wardrobe
- Fitted carpet
- Air conditioning
- Architectural lighting
- Reading lights
- Lighting switches and AC sockets

Owner's bathroom

- Vanity locker
- Wash basin and tap with hot and cold water supply
- Electric toilet
- Open shelf
- Extractor fan
- Sanitary accessories
- Mirror
- Shower room with foldable clear glass door
- Hot and cold water shower mixer
- Sky shower
- Shower seat
- Porthole with pleated blinds

Lobby

- Stairs from main deck
- Wooden flooring
- Architectural lighting
- Entrance door to owner's cabin
- Entrance door to VIP guest cabin
- Entrance door to guest cabin
- Entrance door to guest bathroom

VIP guest cabin

- Large double bed
- Bed side tables
- Porthole with roman blinds
- Open shelves
- Wardrobe
- Fitted carpet
- Deck hatch with fly screen and blind
- Air conditioning
- Architectural lighting
- Reading lights
- Lighting switches and AC sockets

Guest cabin

- 2 x single bunk beds
- Bed side table
- Drawer
- Wardrobe
- Fitted carpet
- Air conditioning
- Architectural lighting
- Lighting switches and AC sockets

Guest bathroom

- Vanity locker
- Wash basin and tap with hot and cold water supply
- Electric toilet
- Extractor fan
- Sanitary accessories
- Mirror
- Hot and cold water shower mixer
- Sky shower

Crew cabin

- Single bunk bed
- Storage
- Removable stair
- Air conditioning
- Architectural lighting
- Lighting switches and AC sockets
- Sink and tap with hot and cold water supply
- Electric toilet
- Sanitary accessories