

## MAJESTY 70

# TECHNICAL SPECIFICATIONS

Please note this is the technical specifications of Majesty 70. The right is reserved to add, modify or delete during the final product development programme.

## Principal characteristics

Length overall	70 ft 11in (21.635 m)
Length water line	60 ft 8 in (18.5 m)
Beam	18 ft (5.490 m)
Draft	3 ft 10 in (1.177 m)
Displacement	47 t approximately
Fuel capacity	1500 US gal (5678.11 l)
Fresh water capacity	250 US gal (946.35 l)
Black water capacity	50 US gal (189.2 l)
Grey water capacity	50 US gal (189.2 l)
Generator	27 kW, 50 Hz
Power options	2 x 1015 hp 2 x1200 hp

## Specifications Overview

- Power assisted electro hydraulic steering system
- Bow thruster 13hp, 24 VDC (optional)
- Stern thruster 13hp, 24 VDC (optional)
- 24 VDC and 220 VAC electrical system
- 27 kW, 220 VAC, 50 Hz generator
- 11kW, 220 VAC, 50 Hz generator (optional)
- 220 VAC, 50 Hz, 100 A, 1-phase shore power dockside connection
- Anchor 30 kg with chain 12 mm diameter, length 50m
- Dual station controls electric anchor winch
- Dual station electric trim tabs with indicators
- Dual station autopilot
- Dual station VHF radio
- Search light with dual station controls
- Stainless steel framed saloon door
- Refrigerator in galley
- Fly-bridge electric barbeque
- Fly-bridge wet bar including sink
- Fly-bridge refrigerator (optional)
- Fly-bridge upholstered sofa seats and table
- Electric quiet flush toilets
- LED TV/DVD home theater system at saloon
- Stainless steel transom doors
- Deck wash, hot and cold water transom shower
- AISI 316L stainless steel railings
- 6 x stainless steel cleats two on aft deck, two on bow and two on mid ship
- 2 x hawser pipes on aft deck
- Pressurized hot cold water system
- Air conditioning system with capacity 168000 Btu
- Water heater 50 l capacity
- Teak decking at aft cockpit and swim platform
- Teak decking at side gunnel area and fly-bridge (optional)
- Stainless steel portholes with clear safety glass
- Sun top with canvas (optional)

- Sun bed on front deck (optional)
- Crane 400 kg capacity (optional)
- Port and starboard side capstans at rear deck (optional)
- Tender lift (optional)
- Water maker capacity 140 l/h (optional)
- Marble flooring and counter top in kitchen, bathroom and bar (optional)
- Camera monitoring system (optional)
- Thuraya satellite phone/fax (optional)
- KVH Tracvision M7 with gyrotrac satellite system, receiver and stand (optional)
- Lifteraft 8 persons (optional)
- Semirigid inflatable boat 3.4 m with 25 hp engine –Zodiac (optional)
- Gyroscopic anti-roll stabilizer system – Seakeeper 7000 (optional)
- Aft cockpit cover with clear windows (optional)
- Under water lights (optional)

## 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 isophthalic polyester resin
- The hull and deck exterior have got mirror glaze gel-coat finish
- Vacuum infusion divinycell foam sheet main bulkheads
- All materials used in the construction are approved marine quality
- Basic hull color: white

## Deck fittings

- Teak laid deck at cockpit and swim platform
- Electric anchor winch with fore deck, main helm and fly-bridge helm controls
- Stem head rollers with automatic anchor launch and retrieve
- Anchor 30 kg with chain 12 mm diameter, 50 m length
- Deck hatch access to chain locker
- Stainless steel hand rails
- Foredeck hatch to VIP cabin
- Full set of navigation lights
- Search light with dual station controls
- Electric horn
- Black tank over board discharge on side deck
- Fuel and fresh water fillers on side deck

- Sun bed recess at forward area
- 6 x stainless steel cleats, two on aft cockpit, two on midship and two on forward
- Stainless steel guard rails
- Side windows
- Full drop pilot side windows (port and starboard side)
- Front wind screen and wipers with fresh water wash system
- Port and starboard side electric capstans at rear deck (optional)
- Search light with dual station controls
- LED lighting around side deck

## Aft cockpit

- Stainless steel framed entrance door to saloon
- Upholstered seating and table
- Storage within aft seat moulding
- Cockpit ceiling lights
- Stainless steel handrails
- Integral stairway to fly-bridge
- Lockable water tight door to crew cabin
- Stainless steel transom doors leading to swim platform
- Steps down to bathing platform
- Hot and cold water transom shower
- Deck wash
- 220 VAC, 50 Hz, single phase shore power inlet cable and cable storage
- Locker with fuel shut off valve pull-out pin cable, engine room fixed fire extinguisher pull-out pin cable, battery switches panel
- LED lighting for fly-bridge staircase steps
- Audio speakers system linked to saloon entertainment system

## Fly-bridge

- Stairway from aft cockpit
- Upholstered helm seat
- Upholstered sofa seats and table
- Speakers system linked to saloon entertainment system
- Wind deflector screen
- Stainless steel handrails
- FRP radar arch
- Stainless steel mast stand

- Radar scanner on radar arch
- Electric barbeque
- Refrigerator (optional)
- Exterior lighting switches
- Sun top with canvas (optional)
- Storage locker under sofa seats
- Self draining
- Stainless steel life rings stand
- Lighting on underside of radar arch
- Fully fitted wet bar with corian top
- Sink and tap with hot and cold water supply

## Fly-bridge helm

- Fly-bridge helm instruments and controls
  - Steering wheel
  - Port and starboard engines displays
  - Trim tab gauge
  - Rudder angle gauge
  - Anchor winch switch
  - Search light switch
  - Trim tab switches
  - Bow thruster control (optional)
  - Stern thruster control (optional)
  - Radar display
  - Port and starboard engines, diagnostic, shutdown and ignition
  - Engine throttle
  - Autopilot display
  - VHF hand set
  - Magnetic compass

## Lower helm

- Lower helm instruments and controls
  - Steering wheel
  - Navigation display
  - Port and starboard engine alarm display
  - Trim tab gauge

- Magnetic compass
- Rudder angle gauge
- Sliding window control switch
- Wind screen wiper controls
- Bow thruster control (optional)
- Stern thruster control (optional)
- Autopilot
- Engine throttle
- Port and starboard engine ignition and shutdown controls
- Trim tab switch
- Anchor winch switch
- Bilge pump switches
- Navigation switches of horn, anchor light, mast light, stern light, navigation light, pilot house light, gauge light
- Search light switch
- Search light selector switch
- Hydraulic steering switch panel

## Engine room equipments

- Main engines
- Generators
- Fixed fire extinguishers system in engine room
- Axial flow fans
- Intakes for air circulation
- Oil exchange system for engines /gear boxes/generators
- Flexible mountings for engines
- Fresh water outlets
- AC power outlets
- Lockable water/gas tight door
- Ceiling, sides and bulkheads of engine room are completely insulated with sound proofing and heat insulated materials

## Electrical system

- Electrical system of the boat is 1-phase, 220 VAC, 50 Hz
- Main power supplied by generators
  - 27 kW, 50 Hz
  - 11 kW, 50 Hz (optional)

- Single phase shore power dockside connection (100 A)
- Battery isolation switches
- 2 x12 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 27 kW generator
- 1 x 12V, 100 Ah battery for 11 kW generator (optional)
- 2 x 12 V, 200 Ah batteries for house
- Batteries are charged by two battery chargers
  - 30 A, 24 V battery charger for engine batteries
  - 80 A, 24 V battery charger for house batteries
- Outgoing circuits protected by circuit breakers
- Tank senders for all tanks
- AC Power outlets in all cabins

## Entertainment system

### Main saloon:

- 32" LED TV
- DVD home theater system
- Satellite receiver

### Owner's cabin:

- 32" LED TV
- DVD player
- Satellite receiver

### VIP cabin: (optional)

- LED TV
- DVD player
- Satellite receiver

### Port guest cabin: (optional)

- LED TV
- DVD player
- Satellite receiver

### Starboard guest cabin: (optional)

- LED TV
- DVD player
- Satellite receiver



## Crew cabin: (optional)

- LED TV
- DVD player
- Satellite receiver

## Aft cockpit:

- 2 x speakers linked with saloon entertainment system

## Fly-bridge:

- 2 x speakers linked with saloon entertainment system

## Power and drive systems

- Bow thruster (13hp) with dual station controls (optional)
- Stern thruster (13hp) with dual station controls (optional)
- Power assisted electro hydraulic steering system
- Direct shaft drive through tunnel
- 2 x propellers
- 2 x P-brackets
- 2 x rudders
- 2 x hydraulic trim tabs
- 2 x duplex steel tail shafts
- 2 x seawater strainers for main engines
- Cathodic protection provided by cross bonded zinc anodes

## Fuel system

- Total fuel capacity 1500 US gal (5678.11l)
- Fuel gauges at lower helm position
- Fuel fillers on port and starboard side decks
- High capacity fuel filters
- Fuel shutoff valve
- Manual and electric oil change pump
- All tanks provided with manhole covers, ventilation pipes and connection pipes to manifold
- All fuel lines are stainless pipes and flexible hoses
- Electric oil change pump
- Tank senders for all tanks

## Fresh water system

- Water tank capacity 250 US gal (946.35 l)
- Pressurized hot and cold water system
- 24 VDC fresh water pump
- 220 VAC fresh water pump
- Water heater capacity 50 l, water heated by 240 VAC immersion heater for hot water
- Pump circuit breaker at main switch panel
- Water level gauge
- Water maker capacity 140 l/h (optional)
- Water fillers on side deck
- Electric tank senders
- 26 mm Mepla piping throughout supplying all outlets

### Black water and grey water system

- Black tank capacity 50 US gal (189.2 l)
- Black tank capacity 50US gal (189.2 l)
- Black and grey water pump works on 24 VDC
- Electric Techma toilets
- Tecma toilet system 24 VDC pumps discharging to black water tank or sea by manifold system
- Predisposition for 3-way valve in order to discharge overboard
- Black tank over board discharge on side deck
- All plumbing lines are PVC and flexible hoses
- Electric tank sensors

### Fire extinguishing system

- Fixed fire extinguisher in engine room connected with pull cable to cockpit
- Smoke detectors in all cabins
- Hand operated portable fire extinguishers at,
  - Owner's cabin
  - VIP cabin
  - Port side guest cabin
  - Starboard side guest cabin
  - Main console
  - Galley
  - Crew cabin
  - Engine room
  - Fly-bridge

## Bilge system

- Bilge water high level alarm system
- Two electric submersible bilge pumps (500 GPH) with float switches fitted in each water tight compartment beneath the following area
  - VIP cabin
  - Corridor
  - Stair case
  - Owner's cabin
  - Engine room
  - Rudder compartment
- Bilge pumps control switches are located at main helm station

## ❖ Interior specifications

### Saloon

- Stainless steel framed sliding door to cockpit
- Port and star board side sofa seats
- Coffee table
- Sofa side tables
- Windows with curtains
- Curtains to main entrance door
- Air conditioning with control switch
- Architectural lighting
- Lighting control switches and AC sockets
- Storage under sofa seats
- Storage locker
- Fitted carpet

### Dining area

- Dining table
- Cabinets and drawers
- Storage lockers
- Side windows with curtains
- Architectural lighting

- Air conditioning with control switch
- Lighting control switches and AC sockets
- Wooden flooring

## Galley

- Galley counter
- Stainless steel sink with tap with hot and cold water supply
- Full height refrigerators
- Ice maker
- Microwave oven
- Hob
- Cabinets and drawers
- Architectural lighting
- Lighting control switches and sockets
- Windows with blinds
- Stainless steel railings
- Stairs to lower deck cabins
- Step lighting

## Guest corridor

- Steps to lower cabins
- Architectural lighting
- Step lighting
- Lighting control switches
- Wooden flooring
- Steps to owner's room
- Entrance door to port twin guest cabin
- Entrance door to starboard double guest
- Entrance door to VIP guest cabin

## Owner's cabin

- Large double bed with mattress, pillows and bedspread
- Bed side tables with shelves
- Sofa seat and table
- Vanity desk and stool
- 4 x drawers to bed

- Storage under the bed
- Mini fridge
- Sea side view port hole cum window
- Air conditioning with control switch
- Architectural lighting
- Reading lights
- Lighting control switches and sockets
- Fitted carpet
- Entrance door to ensuite
- Entrance door to owner's wardrobe

## Owner's wardrobe

- Vanity table
- Cabinet with shelves
- Mirrors
- Open closet
- Porthole with curtain
- Fitted carpet

## Owner's ensuite

- Wash basin and tap with hot and cold water supply
- Bathroom vanity
- 2 x medicine cabinets
- Mirror
- Porthole with blinds
- Glass door to shower room
- Extractor fan
- Electric toilet
- Architectural lighting
- Lighting control switches and sockets
- Marble flooring (optional)
- Hot and cold water shower mixer
- Sky shower
- Complete set of sanitary accessories (tooth brush holder, soap holder, brush holder, towel hook and towel rail)

## Port side twin guest cabin

- 2 x single beds with mattress, pillows and bedspreads
- Bed side table with drawers
- Drawer to bed
- Wardrobe
- Porthole with curtain
- Air conditioning with control switch
- Storage under the bed
- Architectural lighting
- Reading lights
- Lighting switches and AC sockets
- Fitted carpet
- Entrance door to ensuite

## Port guest ensuite

- Wash basin and tap with hot and cold water supply
- Bathroom vanity locker with corian top
- Hot and cold water shower mixer
- Sky shower
- Electric toilet
- Extractor fan
- Glass door to shower room
- Porthole with blinds
- Mirror
- Storage locker and shelves
- Corian flooring with wooden boarder
- Architectural lighting
- Complete set of sanitary accessories (tooth brush holder, soap holder, brush holder, towel hook, towel rail)

## Starboard side twin guest cabin

- Large double bed with mattress, pillows and bedspreads
- Bed side table
- Drawer to bed
- Wardrobe
- Porthole with curtain

- Air conditioning with control switch
- Storage under the bed
- Architectural lighting
- Reading lights
- Lighting control switches and sockets
- Fitted carpet
- Entrance door to ensuite

### Starboard guest ensuite

- Wash basin and tap with hot and cold water supply
- Bathroom vanity locker with corian top
- Electric toilet
- Hot and cold water shower mixer
- Sky shower
- Extractor fan
- Glass door to shower room
- Mirror
- Storage locker and shelves
- Corian flooring with wooden boarder
- Architectural lighting
- Entrance door to ensuite
- Complete set of sanitary accessories (tooth brush holder, soap holder, brush holder, towel hook and towel rail)

### VIP guest cabin

- Large double bed with mattress, pillows and bedspreads
- Bed side tables
- Deck hatch with fly screen and blind
- Port and starboard side wardrobes
- Shelves on port and starboard side
- Air conditioning with control switch
- Portholes with curtains
- Desk and stool
- Storage space under the bed
- Architectural lighting
- Reading lights
- Lighting control switches and AC sockets

- Fitted carpet
- Drawer to bed
- Entrance door to ensuite

## VIP ensuite

- Wash basin and tap with hot and cold water supply
- Vanity counter with corian top
- Electric toilet
- Hot and cold water shower mixer
- Sky shower
- Porthole with blinds
- Extractor fan
- Glass door to shower room
- Architectural lighting
- Complete set of sanitary accessories (tooth brush holder, soap holder, brush holder, towel hook, towel rail)
- Mirror
- Storage locker and shelves
- Corian flooring with wooden boarder

## Crew galley

- Corian counter top
- Storage lockers and drawers
- Refrigerator
- Hot plate
- Microwave oven
- Hob extractor fan
- Lockable water tight door leading to swim platform
- Lockable water/gas tight door to engine room
- Stainless steel sink and tap with hot and cold water supply
- Storage locker
- Overhead lockers
- Porthole with pleated blinds
- Architectural lighting
- Lighting control switches and AC sockets
- Teak line flooring



## Crew cabin

- 2 x single bunk beds with mattress, pillows and bedspreads
- Storage space under the bed
- Porthole with curtains
- Architectural lighting
- Reading lights
- Lighting control switches and AC sockets
- Air conditioning with control switch
- Entrance door to toilet
- Wardrobe with shelves
- Teak line flooring

## Crew ensuite/shower

- Vanity locker with corian top
- Sink and tap with hot and cold water supply
- Electric toilet
- Extractor fan
- Storage locker
- Complete set of sanitary accessories (tooth brush holder, soap holder, paper holder, brush holder, towel rail, towel hook)
- Mirror
- Hot and cold water shower mixer
- Hand shower
- Architectural lighting

## Miscellaneous

- 4 x fenders
- First aid kit
- Fire blanket
- 2 x boat hooks
- 2 x life rings
- 8 x life jackets