

# PRINCESS 64

## PRINCIPAL DIMENSIONS

Length overall (incl. pulpit)	64ft 10in (19.70m)
Length overall (excl. pulpit)	64ft 0in (19.45m)
Beam	16ft 4in (5.03m)
Draft	4ft 9in (1.45m)
Displacement approx. (Twin Volvo D13-900)	30,000kg* (66,138lbs)
Fuel capacity	750 gal/901 US gal/3409l
Water capacity (incl. calorifier)	200 gal/ 240 US gal/909l

## STANDARD EQUIPMENT

Power-assisted electro-hydraulic steering system
Dual station bow thruster (155 kgf/342lbf)
24v DC/240v AC electrical system
240v shore power with 100-amp float battery charger
220v/240v diesel generator (11kW)
Dual station remote control electric anchor winch
Deck/anchor wash
Colour radar/chart plotter/GPS
Electric stern rope mooring winches
Dual station electric trim tabs with indicators
Dual station autopilot
Dual station VHF with DSC R/T with intercom
Dual station speed and distance log
Dual station echo sounder with alarm
Dual station remote control searchlight
Combination microwave/conventional oven/grill
Full height refrigerator with deep freeze

Dishwasher
Cocktail cabinet with refrigerator
Icemaker
Flybridge wetbar including sink, drawer fridge and electric barbecue
Flybridge refrigerated coolbox
Laundry centre
Vacuflush toilets with holding tank
Saloon LED TV/DVD with surround-sound system
LED TV/DVD/radio in owner's stateroom
Teak-laid transom platform/cockpit deck/flybridge stairway/flybridge/ stairs to side decks
Flybridge sunbed and cushions
Helmsman's door to side deck
Stainless-steel framed triple saloon doors
Transom platform with electro-hydraulic raise lower mechanism and tender storage facilities (up to 3.85m tender and 400kg/882lbs)
Transom gate on port side of cockpit
Hot and cold transom shower
Cockpit night cover

## ENGINES - DIESEL

Twin Volvo D13-900 (2 x 900mhp)
Speed range: 28-30 knots †
Twin Caterpillar C18 (2 x 1015mhp)
Speed range: 30-32 knots †
Twin Caterpillar C18 Acert (2 x 1150mhp)
Speed range: 31-34 knots †

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### DECK FITTINGS

- Teak-laid transom platform, cockpit deck, flybridge, flybridge stairway and stairs to side deck
- Reversible electric anchor winch with foredeck, main helm and flybridge controls
- Stemhead roller with automatic anchor launch and retrieve
- Self-stowing 40kg/88lbs Delta anchor with 40m of chain
- Twin electric-powered sternline mooring winches
- Bow rope stowage locker
- Bow and stern fairleads
- Freshwater deck/anchor wash
- Coachroof sunbed recess
- Stainless-steel bow, stern and spring cleats (2 pairs)
- Stainless-steel pulpit and guard rails
- Forward coachroof handrails
- Flybridge handrails
- Heavy duty white PVC rubbing band with stainless-steel insert
- Full set of IMCO navigation lights
- Riding light
- Dual station remote control searchlight
- Twin electric horns
- Fuel and water filler
- Dinghy chock system

### AFT COCKPIT

- Self-draining
- U-shaped seating and folding leaf teak table
- Cockpit lighting
- Cockpit cover
- Stainless-steel handrails
- Teak-laid hatch on gas strut to lazarette stowage
- Transom gate to port and steps to starboard leading to bathing platform
- Teak-laid transom bathing platform with electro-hydraulic raise/lower mechanism (400kg/882lbs), foldaway swimming ladder, hot and cold shower, storage locker and deck light
- Locker housing 220/240v shore support inlets and shoreline stowage
- Liferaft stowage locker
- Rope storage locker
- Deck hatch to engine room
- Starboard hatch to optional crew/occasional cabin

### FLYBRIDGE

- Dual station instruments and controls (see Lower Helm Position)
- Coolbox at helm position
- Double helm seat
- L-shaped wetbar with barbecue, sink, drawer fridge, waste bin and storage
- Large U-shaped seating area with teak table
- Raised sunbed aft with storage below
- Stereo radio/iPod, MP3 dock
- Hatch to cockpit stairway
- Wind deflector screens
- Stainless-steel handrails
- Deck-level lighting
- GRP radar arch
- Console and seat covers
- Twin matching whip aerials for VHF R/T and radio
- Refrigerated coolbox
- Bilge pump audible alarm

### LOWER HELM POSITION

- Twin helm seats with fore and aft adjustment for helmsman
- Instrument console with engine instruments, fuel gauges
- Dual station instruments and controls at Flybridge and Lower Helm Position:
  - ▶ rudder position indicator
  - ▶ electronic engine controls
  - ▶ power-assisted electro-hydraulic steering with adjustable steering wheel
  - ▶ bow thruster control
  - ▶ electric anchor winch remote control
  - ▶ trim tab controls with indicators
  - ▶ autopilot
  - ▶ VHF with DSC R/T with intercom
  - ▶ colour radar and GPS/chartplotter (lower helm only – flybridge has multiview instrument for GPS)
  - ▶ speed and distance log
  - ▶ echo sounder with alarm
  - ▶ remote control searchlight
  - ▶ high-speed magnetic compass
  - ▶ horn button
- Chart table with light and chart stowage
- Windscreen wipers with windscreen wash
- Bilge pump controls
- 24v and 240v control panels
- PVC sunscreens
- Helmsman's door to starboard side deck
- 12v outlet
- Red night lighting

### DECK SALOON

- U-shaped sofa with coffee table
- Sofa opposite
- Entertainment centre incorporating LED TV/DVD/radio linked to surround-sound system with electric raise/lower mechanism for TV and also incorporating refrigerator and bottle and glass storage
- Venetian blinds, roman blinds, curtains or sunscreens to all windows and doors
- Overhead downlighters and pelmet lights
- Stainless-steel framed aft cockpit door
- Electric drop window to port side
- Dining area with table with seating for 6/7 and storage drawer below

### GALLEY

- Avonite (or similar) worktop
- Ceramic 4-zone hob with air extractor unit
- Combination microwave/conventional oven with grill
- Twin-bowl stainless-steel sink with mixer tap
- Full height refrigerator/deep freeze (24v/240v)
- Icemaker
- Dishwasher
- Waste disposal bin
- Overhead and concealed lighting
- Drawers and storage cupboards
- Electrically operated sliding glass partition

### OWNER'S STATEROOM

- Full width stateroom with large double bed with drawers below
- Twin bedside tables
- Large wardrobe
- Mirror
- Sofa
- Dressing table
- LED TV/DVD/radio
- Shelves, drawers and storage lockers
- Downlights and individual berth lights
- 240v power points

### En-suite bathroom:

- Washbasin with mixer tap
- Separate stall shower with automatic pump out
- Extractor fan
- Mirror
- Storage lockers
- Freshwater Vacuflush toilet
- 240v shaver point

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## FORWARD STATEROOM

- Large double bed with drawers below
- Wardrobes and shelves
- Full length mirror
- Dressing table
- Storage lockers and drawers
- Downlighters, concealed lights and individual berth lights
- Deck hatch with skylight and electric blind
- Stowage location for dinette stools (2)
- 240v power points

### En-suite bathroom:

- Washbasin with mixer tap
- Separate stall shower with automatic pump-out
- Extractor fan
- Mirror
- Storage lockers
- Freshwater Vacuflush toilet
- 240v shaver point

## STARBOARD GUEST CABIN

- Two single berths with storage
- Optional electrically powered sliding berths to create double berth
- Bedside table with storage
- Large wardrobe with hanging space and shelf storage
- Storage lockers
- Downlighters and individual berth lights
- 240v power points

### En-suite bathroom:

- Washbasin with mixer tap
- Separate stall shower with automatic pump out
- Extractor fan
- Mirror
- Storage locker
- Additional access door from passageway
- Freshwater Vacuflush toilet
- 240v shaver point

## PORT GUEST CABIN

- Two full length berths with storage below
- Wardrobe with shelf
- Storage cupboards with shelves
- Downlighters and individual berth lights
- 240v power points

## OPTIONAL STUDY LAYOUT

- The port guest cabin can be changed to a study layout comprising a desk with chair at the aft end and a two seater sofa forward. If required an LCD TV (32 inch) and DVD can be fitted above the desk and an internet connection point also fitted in this area. The study area incorporates lockers, cupboards and a filing drawer

## LAUNDRY AREA

- Washer/dryer with storage shelves above located in lobby to owner's cabin. Alternatively a separate drier can be installed above the washing machine

## OPTIONAL AFT CABIN

- Two full-size single berths
- Hanging and storage space
- Downlighters and individual berth lights
- Opening portholes and transom window
- Bathroom compartment with Vacuflush WC, separate stall shower and washbasin

## POWER AND DRIVE SYSTEMS

- 5-bladed propellers in nickel aluminum bronze
- Bow thruster (155kgf/342lbf) with dual-station controls
- Engine room lighting
- Engine room access hatch and ladder
- Power-assisted electro-hydraulic steering system
- Trim tabs with indicators
- Electronic engine and gear shift controls
- Engine room extractor fan with electronic time delay
- Fresh water supply point in engine room
- Dripless shaft seals

## ELECTRICAL SYSTEMS

### 24 Volt:

- 4 x heavy-duty batteries for engine starting
- 6 x heavy-duty auxiliary batteries
- Battery link facility with remote control at helm position
- Both battery banks are charged using a voltage sensitive relay that parallels both battery banks when a charging source is present
- 100-amp 24v battery charger
- Remote battery master switches with control switch at main switch panel
- Circuit breakers on all circuits
- 12v voltage dropper for certain navigation and radio circuits

### 220/240 Volt:

- 11kW generator in own sound shield with water-cooled and specially silenced exhaust
- Automatic fire extinguisher situated by generator
- 50-amp shore support inlet
- Generator/shore support change-over switch
- Polarity check system
- Earth leakage safety trip
- Circuit breakers on all circuits
- Power points (240v) in: owner's stateroom, guest cabins, galley and saloon area
- Shaver points in all bathrooms

## FUEL SYSTEM

- Fuel tanks (in NS8 marine grade alloy) with interconnection system giving 750 gallons/901 US gallons (3409 litres) capacity
- Fuel fillers on port and starboard side decks
- High-capacity duplex fuel filters with water traps and change-over valves, water warning sensors connected to warning lights at lower helm
- Remote fuel cocks in cockpit locker
- Fuel gauges at main helm console

## WATER SYSTEM

- Water tanks totaling 184 gallons/221 US gallons (836 litres) plus 16 gallons/19 US gallons (73 litres) hot water calorifier
- Water heated by engines and 240v immersion heater
- Automatic water pump with filter
- Main circuit breaker at switch panel
- Water level gauge
- Deck filler
- Vacuum freshwater WC system with 60 gallons/72 US gallons (272 litres) holding tank, content gauge and low noise electric overboard discharge, with macerator back-up system as well as dockside discharge system

## FIRE EXTINGUISHERS

- Automatic fire extinguishers in engine room and generator space
- Hand-operated fire extinguishers (6) in:
  - ▶ owner's stateroom
  - ▶ forward, port and starboard guest cabins
  - ▶ galley
  - ▶ lower helm position
- Additional extinguisher fitted when optional aft cabin is specified

## BILGE PUMPS

- Automatic/manual override electric bilge pumps in engine room (2), rudder area, lazarette and forward accommodation (7 in all)
- High-capacity manual bilge pump with valve system and suction points in same areas
- Electric bilge pumps have controls and warning lights at main helm and warning light with audible alarm at flybridge helm

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### **OTHER ITEMS SUPPLIED AS STANDARD**

- Set of cutlery, crockery and glasses
- Set of towels (8 large, 8 hand)
- Fenders (6) and warps (4)
- Ensign staff
- First aid kit
- Boathook
- Owner's manual and engine manual and tools
- Quilted bedspreads for beds in owner's stateroom and port and starboard cabins
- Cockpit cover
- Ship's document case