

Princess 50



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PRINCIPAL DIMENSIONS

Length overall (incl. pulpit)	50ft 3in (15.32m)
Length overall (excl. pulpit)	49ft 2in (14.98m)
Beam	14ft 8in (4.47m)
Draft	3ft 8in (1.12m)
Displacement approx (Twin Volvo 500hp)	17.7 tonnes †
Fuel capacity	450 gallons (2045 litres)
Water capacity (incl. calorifier)	125 gallons (568 litres)

STANDARD EQUIPMENT

Power-assisted hydraulic steering system
Bow thruster (95 kgf)
24v DC/240v AC electrical system
240v shore power with 50-amp float battery charger
220v/240v diesel generator (7kW)
Dual station remote control electric anchor winch
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
Remote control searchlight
Combination microwave/conventional oven/grill
Cocktail cabinet with refrigerator
Flybridge top loading cold box
Electric quietflush toilets
Saloon LCD TV
Saloon and flybridge stereo CD/radio
Teak-laid transom platform, cockpit deck, flybridge stairway and stairs to side decks
Flybridge sunbed and cushions

Triple opening stainless steel framed saloon doors
Transom door
Hot and cold transom shower
Cockpit night covers

ENGINE OPTIONS - DIESEL

Twin Volvo D9-500 (2 x 500hp)	Speed range: 27-29 knots †
Twin Volvo D9-575 (2 x 575hp)	Speed range: 31-33 knots †
Twin Volvo D12-675 (2 x 675hp)	Speed range: 31-33 knots †

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DECK FITTINGS

- Reversible electric anchor winch with foredeck, main helm and flybridge controls
- Self-stowing 20 kg Delta anchor with 40 metres of chain
- Stemhead roller with automatic anchor launch and retrieve
- Stainless steel bow, stern and spring cleats
- Stainless steel bow fairleads
- Stainless steel pulpit and guard rails with fender baskets
- Stainless steel coachroof and flybridge handrails
- Stainless steel rubbing band with rubber insert
- Full set of IMCO navigation lights
- Riding light
- Twin beam searchlight with dual-station remote controls
- Twin electric horns
- Loud hailer/intercom
- Fuel and water fillers

AFT COCKPIT

- Self-draining
- Teak-laid deck
- Upholstered seat
- Hatch on gas strut to lazarette stowage
- Steps to side decks
- Cockpit lighting
- Transom door leading to bathing platform
- Side lockers
- Fender storage
- 220/240v shore support inlet
- Stainless steel handrails
- Remote fuel cocks located in locker
- Manual bilge pump with valve chest in locker
- Access to engine room
- Integral stairway to flybridge with teak treads
- Transom teak laid bathing platform with foldaway swimming ladder, hot and cold shower
- Transom storage locker
- Dinghy chock system

FLYBRIDGE

- Dual station instrument controls (see LOWER HELM POSITION)
- Visual and audible engine warning system
- Bilge pump audible alarm
- Double helm seat
- U-shaped seating for 6 with table
- Separate sunbed aft
- Refrigerated coolbox
- Loudspeakers linked to saloon hi-fi
- Integral stairway from aft cockpit with GRP hatch
- Wind deflector screen
- Windless steel handrails
- GRP radar arch
- Console and seat covers
- Matched whip aerials for VHF R/T and radio

LOWER HELM POSITION

- Twin helm seats with fore and aft adjustment for helmsman
- Opening side window
- Burr elm instrument console with engine instruments and fuel gauges
- Dual station instruments and controls at Flybridge and Lower Helm Position
 - Rudder position indicator
 - Electronic engine controls
 - Power assistance hydraulic steering
 - Bow thruster controls
 - Trim tab controls
 - Remote control electric anchor winch
 - Autopilot
 - VHF DSC R/T
 - Speed and distance log
 - Echo sounder with alarm
 - Remote control searchlight
 - High speed magnetic compass
 - Horn button
- Navigation light switches
- Chart table with light and chart stowage
- Windscreen wipers with freshwater windscreen wash system
- Bilge pump controls with visual 'pump running' warnings
- 24v and 220/240v electrical control panels
- PVC sunscreens

DECK SALOON

- U-shaped sofa with electronically operated saloon table. Table can fold in half and be lowered for a coffee table conversion
- Bottle and glass storage
- Drinks refrigerator
- LCD TV
- Stereo radio/CD/DVD with saloon and exterior speakers
- Triple stainless steel framed sliding doors to cockpit for maximum opening
- Tinted windows
- Curtains or sunscreens to all windows and doors
- Flush fit halogen downlighters
- Clock and barometer

GALLEY

- Avonite (or similar) worktop
- 3-zone ceramic hob
- Combination microwave/conventional oven with grill
- Stainless steel sink with mixer tap
- Chopping board
- 227 litre refrigerator/freezer (24v/240v)
- Waste disposal bin
- Overhead and concealed lighting
- Drawers and storage cupboards
- Dedicated cutlery drawer
- Utility area with provision for washer/dryer

ACCOMMODATION

- All cabins feature opening portholes and 240v power points.
- All bathrooms feature electric quietflush toilets and 240v shaver points

FORWARD STATEROOM

- Large double bed
- Wardrobe and shelves
- Mirror
- Dressing table with mirror
- Storage lockers and drawers
- Downlighters and individual berth lights
- Deck hatch with flyscreen and blind
- Access to en-suite bathroom

FORWARD STATEROOM continued

En-suite shower/WC:

- Washbasin with mixer tap
- Shower compartment with automatic pump out
- Extractor fan
- Toothbrush/mug and towel holders
- Mirror

AFT STATEROOM

- Twin beds
- Bedside table
- Large wardrobe with shelves
- Dressing table with mirror
- Storage lockers and drawers
- Downlighters and individual berth lights

En-suite shower/WC:

- Washbasin with mixer tap
- Separate shower compartment with automatic pump out
- Extractor fan
- Toothbrush/mug and towel holders
- Mirror
- Storage locker
- Separate door to passageway.

(NB: Alternatively the Stateroom can be fitted with a double bed in place of the twin single beds)

PORT GUEST CABIN

- 2 single berths
- Bedside locker
- Wardrobe with shelf
- Downlighters and individual berth lights
- Storage locker

OPTIONAL CREW CABIN

- 1 single berth
 - Hanging and storage space
 - Individual berth light
- Bathroom/WC:
- Marine WC
 - Washbasin
 - Shower with pump out
 - Mirror

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POWER AND DRIVE SYSTEMS

- 4-bladed aquafoil propellers in nickel aluminum bronze
- 95kgf bow thruster with dual station controls
- Engine room lighting
- Power-assisted hydraulic steering system
- Engine room access hatch and ladder from cockpit
- Trim tabs with indicators
- Electronic engine and gear shift controls
- Engine room extractor fan with electronic time delay

ELECTRICAL SYSTEMS

24 Volt:

- 2 x heavy duty batteries for engine starting
- 4 x heavy duty auxiliary batteries
- Engine alternators charge both banks of batteries via blocking diodes
- 50-amp 24v float battery charger to auxiliary batteries, 5-amp 24v float battery charger to engine start batteries
- Remote battery isolator control switches at main switch panel position
- 24v to 12v converters for certain navigation and radio circuits
- Circuit breakers on all circuits.

220/240 Volt:

- 7kW Diesel generator in sound shield with water cooled specially silenced exhaust
- Automatic fire extinguisher
- Shore support inlet in cockpit locker with storage for cable
- Polarity check system
- Generator/shore support change-over controls at main control panel
- Earth leakage safety trip
- Circuit breakers on all circuits
- Power points in:
 - owner's stateroom
 - guest suite
 - galley (double)
 - saloon (2)
- Shaver points in both bathrooms

FUEL SYSTEM

- Twin fuel tanks (in N4 grade aluminium) with interconnection system giving a total of 403 gallons (1836 litres) of fuel capacity
- Fuel fillers on port and starboard side decks
- High capacity fuel filters/water traps
- Remote fuel isolation controls in cockpit locker
- Fuel gauges at lower helm position

WATER SYSTEM

- Water tank in heavy duty polypropylene giving 114 gallons (518 litres) capacity plus 11 gallons (50 litres) hot water calorifier
- Water level gauge
- Deck filler
- Water heated by engine and 240v immersion heater
- Automatic water pump with filter
- Pump circuit breaker at main switch panel

FIRE EXTINGUISHERS

- Automatic/manual override fire extinguishers in engine room and generator space
- Hand operated fire extinguishers in
 - owner's stateroom
 - guest stateroom
 - galley
 - also in crew cabin if fitted

BILGE PUMPS

- 6 automatic electric bilge pumps (with manual override) in:
 - engine room
 - forward accommodation
 - aft lazarette
- High capacity manual bilge system with suction points in the same areas

OTHER ITEMS SUPPLIED AS STANDARD

- Fenders (6) and warps (4)
- Ensign staff
- First aid kit
- Boathook
- Owner's manual and engine manual
- Tool kit
- Quilted bedspreads in all cabins (except optional crew cabin)
- Emergency porthole cover
- Emergency tiller
- Anchor winch back-up handle
- Cockpit cover
- Ship's document case