

# PRINCESS 50

## PRINCIPAL DIMENSIONS

Length overall (incl. pulpit)	50ft 5in (15.37m)
Length overall (excl. pulpit)	49ft 2in (14.98m)
Beam	15ft (4.57m)
Draft	4ft 2in (1.27m)
Displacement approx. (Twin Volvo D11-670)	19,000 kg* (41,887lbs)
Fuel capacity	550 gal/660 US gal/2500l
Water capacity (incl. calorifier)	130 gal/156 US gal/592l

## STANDARD EQUIPMENT

Power-assisted electro-hydraulic steering system
Bow thruster (120kgf/265lbf)
24v DC/240v AC electrical system
240v shore power with 60-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
Full height refrigerator/deep freeze
Cocktail cabinet with refrigerator
Flybridge wetbar including sink and electric barbecue
Flybridge top loading coolbox
Flybridge sunbed and cushions
Electric quietflush toilets
Saloon LCD TV/DVD
Teak-laid deck, cockpit, transom platform/flybridge stairway/ stairs to side decks
Triple opening stainless-steel framed saloon doors
Full length transom platform with tender storage facilities
Transom door
Hot and cold transom shower
Cockpit night cover

## ENGINES - DIESEL

Twin Volvo D11-670 (2 x 670mhp)
Speed range: 29-31 knots †
Twin Caterpillar C12 Acert (2 x 715mhp)
Speed range: 30-33 knots †

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## DECK FITTINGS

- Teak-laid deck, cockpit, transom platform and flybridge stairway and stairs to side decks
- Reversible electric anchor winch with foredeck, main helm and flybridge controls
- Stemhead roller with automatic anchor launch and retrieve
- Self stowing 20kg/44lbs Delta anchor with 40m of chain
- Deck hatch access to chain locker
- Bow rope stowage locker
- Stainless-steel bow, stern and spring cleats
- Stainless-steel bow and stern fairleads
- Stainless-steel pulpit and guard rails
- Stainless-steel coachroof and flybridge handrails
- Foredeck hatch
- Stainless-steel rubbing band with rubber insert
- Full set of IMCO navigation lights
- Riding light
- Twin beam searchlight with dual-station remote controls
- Loud hailer/intercom
- Twin electric horns
- Fuel and water fillers
- Coachroof sunbed recess
- Fender baskets on transom platform

## AFT COCKPIT

- Self-draining
- Upholstered seating
- Cockpit lighting
- Cockpit cover
- Stainless-steel handrails
- Lockable gas strut assisted hatch to lazarette/optional crew cabin
- Lockable gas strut assisted hatch to engine room
- Transom door leading to bathing platform
- Transom bathing platform with foldaway swimming ladder, hot and cold shower
- Dinghy chock system
- 220/240v shore support inlet and cable stowage locker
- Storage locker for fenders and liferaft (not supplied)
- Steps to side deck
- Remote fuel cocks located in locker
- Integral stairway to flybridge with teak treads
- Reserve manual bilge pump with valve chest in locker

## FLYBRIDGE

- Dual station instruments and controls (see Lower Helm Position)
- Helm position featuring adjustable wheel
- Twin helm seats with fore and aft adjustment
- Audible and visual alarm for bilge pumps
- Chart table
- Large U-shaped upholstered seating
- Table
- Aft sunbed with cushions and stowage space below
- Loudspeakers linked to saloon stereo
- Hatch to aft cockpit
- Wind deflector screens
- Stainless-steel handrails
- GRP radar arch
- Console and seat covers
- Twin matching whip aerials for VHF/RT and radio
- Wetbar with electric barbecue, stowage, sink, hot and cold water supply
- Refrigerated top loading coolbox

## LOWER HELM POSITION

- Twin helm seats with fore and aft adjustment for helmsman
- Instrument console with engine instruments and fuel gauges
- Dual station instruments and controls at Flybridge and Lower Helm Positions:
  - ▶ rudder position indicator
  - ▶ electronic engine controls
  - ▶ audible and visual engine warning system
  - ▶ power-assisted electro-hydraulic steering with adjustable steering wheel
  - ▶ bow thruster control
  - ▶ anchor winch remote control
  - ▶ trim tab controls with indicators
  - ▶ autopilot
  - ▶ VHF with DSC R/T and intercom to flybridge
  - ▶ speed and distance log
  - ▶ echo sounder with alarm
  - ▶ remote control searchlight
  - ▶ high speed magnetic compass
  - ▶ horn button
  - ▶ automatic foghorn with loudhailer
- 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
- Clear glass toughened windscreen for good low light vision
- Black mesh sunscreens
- Riding light, helm and navigation light control switches
- Stowage under helm seat
- 12v outlet
- Red night lighting

## DECK SALOON

- Triple stainless-steel framed sliding doors to cockpit
- U-shaped sofa with storage drawers
- Coffee table
- LCD TV
- Stereo CD/DVD/radio with saloon and exterior speakers
- Sideboard unit
- Bottle and glass stowage
- Drinks refrigerator
- Curtains to sliding doors
- Venetian blinds or curtains to saloon windows
- Overhead downlighters
- Tinted side windows
- Clock and barometer
- Dining area with U-shaped sofa and table

## GALLEY

- Avonite (or similar) worktop
- 4-zone ceramic hob
- Hob extractor fan
- Combination microwave/conventional oven with grill
- Stainless-steel sink with mixer tap
- Full height refrigerator/deep freeze
- Waste disposal bin
- Overhead down lighters and task lighting
- Drawers and storage cupboards
- Dedicated cutlery drawer
- Dedicated crockery stowage
- Chopping board
- Utility area with provision for washer/dryer

## ACCOMMODATION

- All cabins and bathrooms feature opening and/or fixed portholes
- All cabins feature 240v power points
- All bathrooms feature electric quiet flush toilets (except optional crew cabin which is manual) and 240v shaver points

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## OWNER'S STATEROOM

- Full beam cabin with triple vertical portlights each side (one opening)
- Large double bed
- Twin bedside tables
- Wardrobe and shelves
- Dressing table
- Mirror
- Storage lockers and drawers
- Downlighters and individual berth lights

## En-suite bathroom:

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

## FORWARD STATEROOM

- Large double bed
- Wardrobes and shelves
- Storage lockers and drawers
- Mirror
- Dressing table with mirror
- Downlighters and individual berth lights
- Deck hatch with flyscreen and blind

## En-suite bathroom:

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

## STARBOARD GUEST CABIN

- Two single berths
- Bedside locker
- Wardrobe with shelf
- Mirror
- Storage lockers
- Downlighters and individual berth lights

## OPTIONAL CREW CABIN

### (In place of Lazarette)

- One single berth
- Storage space
- Individual berth light
- Marine WC (under folding cover)
- Wash basin
- Mirror

## POWER AND DRIVE SYSTEMS

- 4-bladed aquafoil propellers in nickel aluminium bronze
- Bow thruster (120kgf/265lbf) with dual station controls
- Engine room lighting
- Lockable access hatch and ladder from cockpit to engine room

- Powered assisted electro-hydraulic steering system
- Trim tabs with indicators
- Electronic engine and gear shift controls
- Engine room extractor fans with electronic time delay
- Dripless shaft seals

## ELECTRICAL SYSTEMS

### 24 Volt:

- 2 x heavy-duty batteries for engine start
- 4 x heavy-duty auxiliary batteries
- Engine alternators charges both banks of batteries via split charging system
- 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
- Remote battery master switches with controls at main switch panel
- Circuit breakers on all circuits
- 24v to 12v converters for certain navigation and radio circuits

### 220/240 Volt:

- 7kW diesel generator in own sound shield with water cooled specially silenced exhaust
- Automatic fire extinguisher
- Shore support inlet in cockpit locker with stowage for cable
- Generator/shore support change-over switch at main control panel
- Polarity check system
- Earth leakage safety trip

### 220/240 Volt:

- Circuit breakers on all circuits
- Power points in:
  - owner's stateroom
  - forward stateroom
  - galley (double)
  - saloon
  - guest cabins
- Shaver points in all bathrooms

## FUEL SYSTEM

- Twin fuel tanks (in NS8 marine grade alloy) with interconnection system giving 550 gallons/660 US gallons (2500 litres) 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/137 US gallons (520 litres) capacity plus 16 gallon/19 US gallon (72 litre) hot water calorifier
- Water heated by engines and 240v immersion heater
- Automatic water pump with filter
- Pump circuit breaker at main switch panel
- Water level gauge
- Deck filler

## FIRE EXTINGUISHERS

- Automatic/manual override fire extinguisher in engine room with warning system at Flybridge and Lower Helm Position
- Hand-operated fire extinguishers in:
  - owner's stateroom
  - forward stateroom
  - starboard cabin
  - galley
  - lower helm position
- Additional extinguisher fitted when optional aft cabin is specified

## BILGE PUMPS

- Automatic electric bilge pumps (with manual override) in:
  - engine room (2)
  - lazarette (1)
  - forward accommodation (2)
- High-capacity manual bilge pump with valve system and suction points in same areas

## OTHER ITEM SUPPLIED AS STANDARD

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