

# PRINCESS 52

## PRINCIPAL DIMENSIONS

Length overall (incl. pulpit)	54ft 8in (16.66m)
Length overall (excl. pulpit)	53ft 8in (16.36m)
Beam	15ft 7in (4.75m)
Draft	4ft 1in (1.25m)
Displacement approx. (Twin Volvo 670mhp)	24,000 kg* (51,900 lbs)
Fuel capacity	520 gal/ 624 US gal/2,364L
Water capacity (incl. calorifier)	130 gal/ 156 US gal/592L

## STANDARD EQUIPMENT

Power-assisted 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 VHF with DSC R/T
Dual station speed and distance log
Dual station echo sounder with alarm
Remote control searchlight
Combination microwave/conventional oven/grill
Refrigerator with freezer compartment

Cocktail cabinet with refrigerator
Flybridge wetbar
Flybridge top loading coolbox
Flybridge convertible sunbed
Electric quietflush toilets
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
Electro-hydraulic raise/lower mechanism for transom platform is optionally available
Transom doors
Hot and cold transom shower
Cockpit night cover

## ENGINE OPTIONS – DIESEL

Twin Volvo D9-575 (2 x 575mhp)
Speed range: 25-27 knots †
Twin Volvo D11-670 (2 x 670mhp)
Speed range: 28-30 knots †
Twin Caterpillar C12 A (2 x 715mhp)
Speed range: 29-31 knots †

\* Displacements are calculated with full fuel and water but with no optional equipment fitted or other gear or crew aboard.

† Maximum speeds will vary depending on cleanliness of hull, condition of sterngear, loading of craft, water and air temperatures, sea conditions and other factors. Speed estimates are therefore given in good faith but without warranty or liability on the part of Princess Yachts International plc.

Craft illustrated in this brochure may be fitted with certain optional equipment. Specifications may be changed at any time without notice or liability.

### USA SPECIFICATION:

Princess yachts built for use in North America are certified by the National Marine Manufacturer's Association (NMMA) to comply with safety recommendations set forth by the American Boat & Yacht Council (ABYC) and with standards established by the United States Coast Guard Office of Boating Safety. In addition, certain other specifications, which vary by model, are upgraded on Princess yachts built for use in North America. Thus, specifications and equipment will vary from the information listed in the brochure for North American Princess yachts (e.g. air-conditioning and an upgraded generator will be included as standard for all North American models and electric cooking facilities will be supplied in place of gas systems). Please consult the USA Specification Brochure for full details regarding the North American specifications for individual models.

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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 25kg/55lbs 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
- PVC rubbing band with stainless-steel insert
- Full set of IMCO navigation lights
- Riding light
- Twin beam searchlight with dual-station remote controls
- Twin electric horns
- Fuel and water fillers
- Coachroof sunbed recess

## AFT COCKPIT

- Self-draining
- Upholstered seating
- Teak table
- Cockpit lighting
- Stainless-steel handrails
- Lockable gas strut assisted hatch to aft lazarette/optional crew cabin
- Lockable gas strut assisted hatch to engine room/lazarette
- 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 lockers 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
- Fender storage
- Liferaft storage locker
- Cockpit cover
- Electro-hydraulic raise/lower mechanism for transom platform (suitable for a tender up to 400kgs) is optionally available

## FLYBRIDGE

- Dual station instruments and controls (see Lower Helm Position)
- Helm position featuring adjustable wheel
- Audible and visual alarm for bilge pumps
- Chart table
- Twin helm seats with fore and aft adjustment for helmsman
- Large U-shaped upholstered seating
- L-shaped seat (converts to sunbed)
- Teak table
- Loudspeakers linked to saloon stereo
- Clearview 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 sink, hot and cold water supply, stowage and optional barbecue
- Refrigerated top loading coolbox

## LOWER HELM POSITION

- Twin helm seats with fore and aft adjustment for helmsman
- Electric drop window
- 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

## LOWER HELM POSITION (CONTINUED)

- ▶ power-assisted steering with hydraulic back-up system and adjustable steering wheel
- ▶ bow thruster control
- ▶ anchor winch remote control
- ▶ trim tab controls with indicators
- ▶ VHF with DSC R/T
- ▶ 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 freshwater windscreen wash system
- Bilge pump controls with visual pump running warnings
- 24v and 220/240v electrical control panels
- Black mesh sunscreens
- Riding light, helm and navigation light control switches
- Stowage under helm seat
- 12v outlet
- Red night lighting

## DECK SALOON

- Stainless-steel framed sliding door to cockpit with separate stainless-steel framed sliding door aft of galley
- U-shaped sofa
- Electric drop window to port (as well as at helm position)
- Dining table
- Two seater sofa to starboard
- Stereo radio/CD/MP3 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
- Stools (2)

## GALLEY

- Avonite (or similar) worktop
- 3-zone ceramic hob
- Hob extractor
- Combination microwave/conventional oven with grill
- Stainless-steel sink with mixer tap
- Refrigerator with freezer compartment
- Waste disposal bin
- Overhead down lighters and concealed lighting
- Drawers and storage cupboards
- Dedicated cutlery drawer
- Dedicated crockery stowage
- Chopping board
- Provision for dishwasher

## ACCOMMODATION

- All cabins and bathrooms feature opening portholes
- All cabins feature 240v power points
- All bathrooms feature electric quietflush toilets and 240v shaver points
- Main companionway has storage space below with option for washer/dryer

## OWNER'S STATEROOM

- Full beam cabin with panoramic windows incorporating opening portlight
- Large double bed with drawer below
- Twin bedside tables
- Wardrobe and shelves
- Sofa
- Dressing table
- Mirror
- Storage lockers and drawers
- Downlighters and individual berth lights
- Stereo radio/CD/MP3 player
- **En-suite bathroom:**
  - Washbasin with Avonite worktop
  - Mirror
  - Shower compartment with automatic pump out
  - Extractor fan
  - Bathroom accessories

## FORWARD STATEROOM

- Large double bed with drawer below
- 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
  - Mirror
  - Shower compartment with automatic pump out
  - Extractor fan
  - Bathroom accessories
  - Access door from passageway

## STARBOARD GUEST CABIN

- Two single beds (with option of double conversion)
- Bedside locker
- Wardrobe with shelf
- Mirror
- Storage lockers
- Downlighters and individual berth lights

## OPTIONAL CREW CABIN (IN PLACE OF AFT LAZARETTE)

- Single berth
- Storage space
- Overhead and individual berth lights
- Electric quietflush toilet (under folding cover)
- Wash basin
- Mirror
- Transom window
- Opening portlight
- Standard aft lazarette incorporates overhead lighting, transom window, access hatch with ladder and storage space

## 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
- Power-assisted electronic steering system with hydraulic back-up
- 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:

- 4 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

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## ***ELECTRICAL SYSTEMS (CONTINUED)***

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### **220/240 Volt:**

- Polarity check system
- Earth leakage safety trip
- 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***

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- Twin fuel tanks (in NS8 marine grade alloy) with interconnection system giving 520 gallons/624 US gallons (2364 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***

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- Water tank in heavy duty polypropylene giving 114 gallons/137 US gallons (520 litres) capacity plus 16 gallon/19 US gallons (72 litres) 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***

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- 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/aft saloon
  - ▶ lower helm position
- Additional extinguisher fitted when optional aft cabin is specified

## ***BILGE PUMPS***

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

## ***OTHER ITEM SUPPLIED AS STANDARD***

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- 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)
- Ship's document case
- Anchor winch back up handle