

# PRINCESS 82 MOTOR YACHT

## PRINCIPAL DIMENSIONS

Length overall (incl. pulpit)	83ft 7in (25.5m)
Length overall (excl. pulpit)	82ft 8in (25.22m)
Beam	18ft 10in (5.74 m)
Draft	5ft 11in (1.8m)
Displacement approx.	55,000 kg* (121,253lbs)
Fuel capacity	1,417 gal/1,701 US gal/6,442L
Water capacity (incl. calorifier)	305 gal/366 US gal/1,386L

## STANDARD EQUIPMENT

Power-assisted steering system
Bow thruster (240kgf/529lbf)
24v DC/240v AC electrical system
240v shore power with 2 x 80-amp float battery charger
220v/240v diesel generator (27kW)
Full air-conditioning with reverse cycle heating
Dual station remote control electric anchor winch
Deck/anchor wash
Electric stern rope mooring winches
Dual station electro-hydraulic trim tabs with indicators
Dual station autopilot
Dual station VHF with DSC R/T with intercom
Colour radar with scanner and GPS/chart plotter (twin displays at lower helm and one at upper helm)
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 freezer drawers

Ice maker
Cocktail cabinet with refrigerator
Flybridge bar with sink, barbecue, top loading coolbox, waste bin, storage and optional icemaker
Dishwasher
Washing machine and separate dryer in crew area
Electric quietflush toilets with holding tank
Saloon LED TV/DVD with surround-sound
Flybridge stereo radio/iPod/MP3
Teak-laid transom platform, cockpit deck, flybridge stairway, step to side decks, side decks, foredeck walkthrough and flybridge
Flybridge sunbed
Helmsman's door to starboard side deck
Opening door to port side deck from galley
Stainless-steel framed saloon doors
Electro-hydraulic raise/lower system to transom platform
Remote control telescopic passerelle
Hot and cold transom shower
Fully fitted twin crew cabin (with option of second crew cabin)
Cockpit night cover

## ENGINE OPTIONS – DIESEL

Twin Caterpillar C32 A (2 x 1622mhp)
Speed range: 30-33 knots †
Twin MTU 10V 2000 M94 (2 x 1624mhp)
Speed range: 30-33 knots †
Twin Caterpillar C32 A (2 x 1723mhp)
Speed range: 32-34 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 transom platform, cockpit deck, flybridge stairway, step to side decks, side decks, foredeck walkthrough and flybridge
- Reversible electric anchor winch with foredeck, main helm and flybridge controls
- Stemhead roller with automatic anchor launch and retrieve
- Self-stowing 63kg/138lbs Delta anchor with 100m of 12mm chain
- Electric twin stern rope mooring winches port and starboard
- Bow rope stowage locker
- Freshwater deck/anchor wash (with both fore and aft deck outlets)
- Coachroof sunbed recess with cushions
- Twin coachroof lockers for storage of fenders, ropes and sunbed cushions
- Coachroof seating and sunbed area
- Foredeck stowaway teak table
- Stainless-steel bow, stern, transom and spring cleats (2 pairs)
- Stainless-steel pulpit and guard rails
- Forward coachroof handrails
- Bow fairlead
- Canopy handrails
- PVC high impact rubbing band with stainless-steel insert
- Full set IMCO navigation lights
- Riding light
- Dual station remote control searchlight
- Twin electric horns
- Fuel and water fillers
- Telephone connection point
- Stern docking lights

## AFT COCKPIT

- Self-draining
- Upholstered seating with teak table
- Deck lighting
- Stainless-steel handrails
- Remote control telescopic passerelle (3.8m)
- Rope lockers
- Electro-hydraulic raise/lower transom bathing platform (safe working load 550kg/1,213lbs), foldaway swimming ladder, hot and cold shower, teak sole and deck lights
- Door leading to crew cabin/utility area and engine room area from side deck
- Watertight transom door giving direct access from bathing platform
- Locker housing 240v shore support inlet
- Transom stowage compartment
- Wash handbasin with tap
- Twin liferaft lockers
- Cockpit cover

## FLYBRIDGE

- Dual station instrument controls (see Wheelhouse)
- Helm position with hydraulically raised instrument console
- Power-assisted electro-hydraulic steering with adjustable wheel
- Bilge pump visual and audible warning indicator
- Engine room fire extinguisher warning system
- Radar and GPS chart plotter
- U-shaped sofa/dinette
- Teak table to seat 8
- Adjustable helm seat
- Twin forward facing J-shaped seating
- Bar with sink, barbecue, coolbox, waste bin, storage and optional icemaker
- Large sunbed
- Optional spa bath
- Stereo radio/iPod, MP3 dock
- Aft access from cockpit via hatch
- Wind deflector screens
- Stainless-steel handrails
- Deck-level lighting

## FLYBRIDGE (CONTINUED)

- GRP radar arch
- Console and seat covers
- Matched whip aerials for VHF/RT and radio
- Aft area for optional free standing furniture or tender/jet ski storage
- Optional electro-hydraulic crane for tender/jet ski (safe working load 480kg/1058lbs)
- Optional GRP hardtop with electric opening section (or optional folding bimini with electro-hydraulic operation)

## WHEELHOUSE

- 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
  - ▶ engine instrumentation
  - ▶ fuel gauges
  - ▶ power-assisted hydraulic steering with adjustable steering wheel
  - ▶ bow thruster control
  - ▶ remote control electric anchor winch
  - ▶ trim tab controls with indicators
  - ▶ autopilot
  - ▶ VHF with DSC R/T and intercom
  - ▶ Colour radar (with scanner) and GPS/Chartplotter (twin displays at lower helm)
  - ▶ speed and distance log
  - ▶ echo sounder with alarm
  - ▶ remote control searchlight
  - ▶ high-speed compass
  - ▶ horn button
- Intercom to flybridge
- Automatic foghorn with loud hailer
- Twin leather upholstered helm seats with electric adjustment
- Triple windscreen wipers with windscreen wash
- Bilge pump controls with visual 'pump running' indicators
- 24v and 240v control panels
- Sunscreen (black mesh)
- Clear toughened glass windscreen for unimpaired night vision
- Helmsman's door to starboard side deck
- Port side U-shaped seating with table
- Electric drop window to port side
- 12v outlet
- Red night lighting
- Timber-laid floor

## DECK SALOON

- Large U-shaped seating area to port and sofa on starboard side
- Entertainment centre incorporating LED TV linked to surround-sound system with electric raise/lower mechanism
- Cocktail cabinet with refrigerator, icemaker, bottle and glass storage
- Curtains or blinds to all windows
- Overhead downlighters and pelmet lights
- Stainless-steel framed cockpit triple doors

## Dining area:

- Separate dining area (8 chairs), dining table with sideboard units port and starboard

## GALLEY

- Granite/marble worktop
- Ceramic 4-ring hob
- Extractor fan
- Combination microwave/conventional oven with grill
- Twin-bowl stainless-steel sinks with mixer tap
- Full height fridge/freezer
- Dishwasher
- Overhead and concealed lighting
- Drawers and storage cupboards
- Timber-laid floor
- Opening door to port side deck
- Galley lobby with space for additional refrigerator or wine cooler and coffee maker

## ACCOMMODATION

- All cabins feature opening and/or fixed portholes, 240v power points and air-conditioning
- All bathrooms feature opening portholes, fresh water electric quietflush toilets (connected to holding tank system) 240v shaver points and air-conditioning

## OWNER'S STATEROOM

- Large double bed with drawers below
- Bedside cabinets
- Mirror
- Walk-in wardrobe with additional storage
- Built-in safe
- Dressing table with chair
- LED TV/DVD/radio
- Occasional table with seats fore and aft
- Drawers and lockers
- Overhead and individual berth lights
- **En-suite bathroom:**
  - Twin washbasins with mixer tap
  - Separate stall shower with auto shower pump out
  - Extractor fan
  - Mirrors
  - Storage lockers
  - Optional bidet

## FORWARD STATEROOM

- Large double bed with drawers below
- Walk-in wardrobe with shelves
- Mirror
- Dressing table with storage
- LED TV/DVD/radio
- Storage lockers
- Overhead and individual berth lights
- Deck hatch with integrated skylight and blind
- **En-suite bathroom:**
  - Washbasin with mixer tap
  - Shower stall with automatic pump-out
  - Extractor fan
  - Mirrors
  - Storage lockers

## PORT GUEST CABIN

- Two single beds with drawers below
- Wardrobe with shelves
- Mirror
- Bedside table with storage
- High-level lockers
- Overhead and individual berth lights
- Optional electrically powered sliding berths to create double berth
- **En-suite bathroom:**
  - Washbasin with mixer tap
  - Shower stall with automatic pump-out
  - Extractor fan
  - Mirror
  - Storage lockers

## STARBOARD GUEST CABIN

- Large double bed
- Bedside tables with storage
- Wardrobe
- Dressing table with stool
- Overhead and individual berth lights
- **En-suite bathroom:**
  - Washbasin with mixer tap
  - Shower cubicle with automatic pump-out
  - Extractor fan
  - Mirrors
  - Storage lockers
  - Starboard shower/WC has access door from passageway as well as from cabin

## LOWER ACCOMMODATION LOBBY

- Storage cupboard with option of fitting additional washer/dryer (in addition to those fitted in crew area)
- Under floor storage area
- Cupboard for suitcase storage

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## CREW CABIN

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- Two single berths
- Hanging and storage lockers
- Overhead and individual berth lights
- Access via stairway from side deck or from transom door

### Bathroom:

- Washbasin with mixer tap
- Shower stall with automatic pump-out
- Extractor fan
- Mirror
- Storage locker

## UTILITY AREA

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- Fitted out as standard as a utility area with storage cupboards and lockers or alternatively as a second crew cabin with two berths, hanging and storage lockers, or as a crew mess area with seating, table, sink microwave oven and storage.

## CREW LOBBY AREA

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- Washing machine and dryer
- Access to engine room

## INTERIOR FINISH

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- Furniture finished in a choice of Serotina Cherry or Light Oak with either a satin or high gloss finish. Walnut is available as an option
- Galley in choice of granite or marble
- Bathroom unit worktops and floors in choice of marble or granite
- Choice of upholstery fabrics, carpets and curtains from co-ordinated range
- Timber-laid galley and helm floors
- Timber-laid crew area floors

## POWER AND DRIVE SYSTEMS

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- Engine room soundproofed
- High-volume air intakes
- Engine room extractor fan with electronic time delay
- Engine exhaust silencers and water-cooled exhausts
- Engine beds integrally moulded with hull for strength and vibration absorption
- Forward and aft engine-room bulkheads integrally bonded
- Engines flexibly mounted
- Automatic fire extinguisher with remote override control
- Automatic and manual bilge pumps
- Engine-room lighting
- Propeller shafts in Marinemet
- 5-bladed propellers in nickel aluminium bronze
- High-speed balanced rudders
- Cathodic protection for sterngear
- Sterngear, engines, fuel tank fillers, etc all electrically bonded
- Power-assisted steering system
- Single-lever electronic engine controls
- Bow thruster (240kgf/529lbf)
- Freshwater supply point in engine room.
- Dripless shaft seals

## ELECTRICAL SYSTEM

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### 24 Volt:

- 4 x heavy-duty batteries for engine starting and windlass operation
- 6 x heavy-duty auxiliary batteries
- Engine alternators charge both banks of batteries via automatic switch charging system
- 2 x 80amp battery chargers charge both banks of batteries via an automatic switch charging system
- Battery paralleling system with remote control at helm position
- Remote battery master switches with control switch at main switch panel
- Circuit breakers on all circuits
- 24-12v dropper for certain navigation and radio circuits

### 220/240 Volt:

- 27kW @ 50Hz diesel generator in own soundproof shield with water-cooled and specially silenced exhaust
- 2 x 63-amp shore support inlets
- Generator/shore support change-over switches
- Polarity check system
- Earth leakage safety trip, circuit breakers on all circuits
- Power points in saloon, galley, all cabins and passageway

## FUEL SYSTEM

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- Twin fuel tanks (in NS8 marine grade alloy) with interconnection system giving 1417 gallons/ 1701 US gallons (6442 litres) capacity
- Fuel fillers on both side decks
- High-capacity duplex fuel filters/water traps with changeover cocks and visual/audible contamination warning at console
- Remote fuel shut offs in helm locker
- Fuel gauges at upper and lower helm consoles

## WATER SYSTEM

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- Water tanks totalling 305 gallons/366 US gallons (1,386 litres) including hot water calorifier 40 gallons/ 48 US gallons (182 litres), increasing to 60 gallons/ 72 US gallons (273 litres) with optional spa bath
- Water heated 240v immersion heater
- Automatic water pump with filter
- Main circuit breaker at switch panel
- Water level gauge
- Deck filler
- Electric quietflush WC system with 100 gallon/120 US gallons (455 litres) holding tank, contents gauge and electric overboard discharge with macerator back-up system as well as dockside discharge system
- Holding tank level gauge on main switch panel

## FIRE EXTINGUISHERS

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- Automatic/manual override fire extinguishers in engine room with warning system at both helm positions and incorporating engine air vent closure system
- Hand-operated fire extinguishers (8) in master stateroom, forward, port, starboard and crew cabins, galley, utility room and lower helm position
- Separate automatic fire extinguisher fitted in electrical space

## BILGE PUMPS

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- Automatic electric bilge pumps (with manual override) in engine room, forward accommodation and aft (7 in all)
- Electric bilge pumps have controls and warning lights at lower helm and warning light with audible alarm at flybridge helm
- Manually operated high capacity bilge pump with valve system and suction points in engine room, forward and aft accommodation areas

## OTHER ITEMS SUPPLIED AS STANDARD

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- Set of cutlery, crockery and crystal glasses (8)
- Set of towels (8 large, 8 hand)
- Fenders (8) and warps (4)
- Ensign staff
- First aid kit
- Boathook
- Owner's manual
- Engine and equipment manuals
- Tool kit
- Quilted bedspreads for beds in all cabins (except crew cabin)
- Flybridge covers
- Ship's document case