

# PRINCESS 72 MOTOR YACHT

## PRINCIPAL DIMENSIONS

Length overall (incl. pulpit)	74ft 1in (22.58)
Length overall (excl. pulpit)	73ft 2in (22.32)
Beam	18ft (5.49m)
Draft	5ft 6in (1.68m)
Displacement approx. (Twin MTU M93)	45,000kg* (99,207lbs)
Fuel capacity	1100 gal/1321 US gal/5000l
Water capacity (incl. calorifier)	295 gal/355 US gal/1342l

## STANDARD EQUIPMENT

Full air-conditioning
Power-assisted hydraulic steering system
Bow thruster (170 kgf/375lbf)
24v DC/240v AC electrical system
240v shore power with 2 x 80-amp float battery charger
220v/240v diesel generator (22.5kW)
Dual station remote control electric anchor winch
Deck/anchor wash
Electric stern rope mooring winches
Dual station electric 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)
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 door and freezer drawers

Cocktail cabinet with refrigerator
Icemaker
Wetbar with top loading coolbox, sink, hot and cold water supply, electric barbecue and storage
Dishwasher
Combination washer/dryer
Vacuflush toilets with holding tank
Saloon LCD TV/DVD with surround-sound system
Flybridge stereo radio/iPod, MP3 dock
Teak-laid transom platform/cockpit deck/flybridge stairway/step to side decks and flybridge
Flybridge sunbed and cushions
Helmsman's door to side deck
Electric drop window on port side of dining area
Stainless-steel framed saloon doors
Flybridge crane
Transom platform with electro-hydraulic raise/lower mechanism
Remote control telescopic passerelle
Twin transom doors
Hot and cold transom shower
Fully fitted crew cabin
Cockpit night cover

## ENGINES - DIESEL

Twin MTU 10v 2000 M93 (2 x 1523mhp)
Speed range: 31-34 knots †
Twin Caterpillar C32 Acert (2 x 1622mhp)
Speed range: 32-35 knots †

# PRINCESS 72 MOTOR YACHT

## DECK FITTINGS

- Teak-laid transom platform, cockpit deck, flybridge stairway, step to side decks and flybridge
- Reversible electric anchor winch with foredeck, main helm and flybridge controls
- Stemhead roller with automatic anchor launch and retrieve
- Self-stowing 50kg/110lbs anchor with 90m of chain
- Twin stern rope mooring winches port and starboard
- Bow rope stowage locker
- Freshwater deck/anchor wash
- Forward coachroof handrails
- Coachroof seating and sunbed areas
- Deck storage lockers for fenders and foredeck sunbed cushions
- Optional foredeck table
- Bow fairlead
- Stainless-steel bow, stern and spring cleats (2 pairs)
- Stainless-steel pulpit and guard rails
- Canopy handrails
- White 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
- Hot and cold transom shower
- Flybridge crane (safe working load 420kg)
- Life raft locker
- Stern docking lights

## AFT COCKPIT

- Self-draining
- Upholstered seating and folding teak table
- Overhead and low level courtesy lighting
- Cockpit cover
- Stainless-steel handrails
- Remote control telescopic passerelle (3.5m)
- Deck hatch to lazarette
- Deck hatch to engine room
- Transom platform with electro-hydraulic raise/lower mechanism (400kg/882lbs), foldaway swimming ladder, hot and cold shower
- Transom locker housing 240v shore support inlet and shoreline
- Stowage locker below flybridge stairway
- Life raft stowage (2 x 8 man)
- Twin transom doors to bathing platform
- Door to crew area

## FLYBRIDGE

- Dual station instrument controls (see Lower Helm Position)
- Helm position featuring hydraulically raised instrument console with repeat engine instrumentation
- Power-assisted steering with adjustable wheel
- Adjustable helm seat
- Bilge pump visual and audible warning indicators
- Engine room and lazarette fire extinguisher warning system
- Chart area
- Additional seating around sofa/dinette
- Stereo radio/iPod, MP3 dock
- Aft access from cockpit via perspex hatch
- Wind deflector screens
- Stainless-steel handrails
- Low level lighting
- GRP radar arch
- Console and seat covers
- Matched whip aerials for VHF R/T and radio
- Bar with sink, barbecue, top loading coolbox, waste bin and storage
- Electric crane (safe working load 420kg/926lbs)

## LOWER HELM POSITION

- 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-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 with intercom
  - ▶ Colour radar (with scanner) and GPS/Chartplotter (twin displays at lower helm)
  - ▶ All electronic navigation equipment interfaced with radar and autopilot
    - ▶ speed and distance log
    - ▶ echo sounder with alarm
    - ▶ remote control searchlight
    - ▶ high-speed magnetic compass
    - ▶ horn button
- Intercom to flybridge
- Automatic foghorn with loudhailer
- Twin leather upholstered helm seats with electric adjustment
- Chart table with chart storage

- Triple windscreen wipers with windscreen wash
- Bilge pump controls with visual 'pump running' indicators
- 24v and 240v control panels
- PVC sunscreens
- Clear toughened glass windscreen for unimpaired night vision
- Door to starboard side deck
- 12v outlet
- Red night lighting

## DECK SALOON

- Large U-shaped sofa to starboard with 3-seater sofa to port
- Entertainment centre incorporating LCD TV linked to surround-sound system
- Storage cupboard unit
- Cocktail cabinet with stainless-steel refrigerator and bottle/glass storage
- Curtains or blinds to all windows
- Overhead downlighters and pelmet lights
- Stainless-steel framed aft saloon doors (triple sliding)
- Dining area (for 8 people)

## GALLEY

- Granite/marble worktop
- Ceramic 4-zone hob
- Extractor fan
- Combination microwave/conventional oven with grill
- Twin-bowl stainless-steel sink with mixer tap
- Refrigerator (full height with deep freeze)
- Dishwasher
- Overhead and concealed lighting
- Drawers and storage cupboards
- Timber-laid floor

## ACCOMMODATION

- All cabins feature opening and/or fixed portholes, 240v power points and air-conditioning
- All bathrooms feature opening portholes, fresh water Vacuflush toilets with holding tanks and 240v shaver points

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## OWNER'S STATEROOM

- Large double bed with drawers below
- Bedside cabinets
- Full length mirror
- Walk through dressing area with large wardrobes and storage, dressing table with stool
- Built-in safe
- LCD TV/DVD/radio
- Sofa
- Overhead and individual berth lights
- Drawers and lockers

## En-suite bathroom:

- Twin washbasins with Avonite (or similar) worktop and mixer tap
- Separate shower cubicle with automatic pump out
- Extractor fan
- Mirrors
- Storage lockers

## FORWARD STATEROOM

- Large double bed with drawers below
- Large wardrobes with shelves
- Mirror
- Dressing table with storage
- Stereo CD/radio
- Storage lockers
- Overhead and individual berth lights
- Deck hatch with integrated skylight and blind

## En-suite bathroom:

- Washbasin with Avonite (or similar) worktop and mixer tap
- Separate shower cubicle with automatic pump-out
- Extractor fan
- Mirror
- Storage lockers

## PORT GUEST CABIN

- Two single beds with drawers below
- Wardrobe with shelves
- Mirror
- Bedside table with storage
- High level lockers
- Overhead lighting and individual berth lights

## STARBOARD GUEST CABIN

- Large double bed with drawers below
- Wardrobe with shelves
- Mirror
- Bedside tables with storage
- Dressing table with chair
- High level lockers
- Overhead lighting and individual berth lights

## En-suite bathroom:

- Washbasin with Avonite (or similar) worktop and mixer tap
- Separate shower with automatic pump-out
- Extractor fan
- Mirror
- Storage locker
- Starboard bathroom has access door from passageway as well as from cabin

## CREW CABIN

- Two single berths
- Hanging and storage lockers
- Overhead lighting and individual berth lights
- Access via transom hatch

## Crew bathroom:

- Washbasin with mixer tap
- Separate shower with automatic pump-out
- Extractor fan
- Mirror
- Storage locker

## INTERIOR FINISH

- 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 worktop in a choice of granite/marble finish
- Bathroom worktops with avonite finish
- Choice of upholstery fabrics, carpets and curtains from co-ordinated range
- Timber-laid galley, helm and bathroom floors

## POWER AND DRIVE SYSTEMS

- 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.
- Dripless shaft seals
- 5-bladed propellers in nickel aluminium bronze
- High-speed balanced rudders
- Cathodic protection for sterngear

- Sterngear, engines, fuel tank fillers, all electrically bonded
- Power-assisted electro-hydraulic steering system
- Single-lever electronic engine controls
- Bow thruster (170Kg/375lbf)
- Freshwater supply point in engine room.

## ELECTRICAL SYSTEM

### 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 80 amp float battery chargers charge both banks of batteries via 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:

- 22.5kW 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, owner's stateroom, forward, port, starboard and crew cabins
- Shaver points in all bathrooms

## FUEL SYSTEM

- Twin fuel tanks (in NS8 marine grade alloy) with interconnection system giving 1100 gallon/1321 US gallons (5000 litre) capacity
- Fuel fillers on both side decks
- High-capacity duplex fuel filters/water traps with changeover cocks and visual contamination warning at console
- Remote fuel shut offs in helm locker
- Dual station fuel gauges on helm console.

# PRINCESS 78 MOTOR YACHT

## WATER SYSTEM

- Water tanks totalling 295 gallons/355 US gallons (1,342 litres) including hot water calorifier 44 gallons/53 US gallons(200 litres)
- Water heated 240v immersion heater
- Automatic water pump with filter
- Main circuit breaker at switch panel
- Water level gauge
- Deck filler
- Freshwater Vacuflush WC system with 100 gallon/120 US gallon (457 litre) holding tank, contents gauge and electric overboard discharge with macerator back-up system as well as dockside discharge system

## FIRE EXTINGUISHERS

- 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 owner's stateroom, forward, port, starboard and crew cabins, galley, utility room and lower helm position
- Separate automatic fire extinguisher fitted in electrical space

## BILGE PUMPS

- 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 additional suction points in lazarette, engine room and other accommodation areas

## OTHER ITEMS SUPPLIED AS STANDARD

- 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 manual
- Tool kit
- Quilted bedspreads for beds in owner's stateroom, forward guest cabin, port and starboard cabins (except crew cabin)
- Cockpit cover
- Emergency porthole cover
- Ship's document case