

Princess 50

HULL, DECK AND SUPERSTRUCTURE

* Deep V hull with moulded spray rails and incorporating propeller tunnels for improved propulsive efficiency and reduced draft * Hand laid grp construction with EPG⁺ gelcoat backed by an initial lay-up of powder bound matt and isophthalic resin (for protection against osmosis) and with a main lay-up of DCPD⁺ resin incorporating unidirectional and woven roving as well as chopped strand matt * Integrally bonded girder-stiffening system * Standard finish white high-gloss EPG gelcoat for hull topsides, white coach roof and hull bottom, hull antifouled to waterline * GRP/balsa core/PVC foam sandwich construction for deck and superstructure for strength and high-thermal insulation * Moulded non-slip surfaces on side decks * Hull antifouled.

*Enhanced Performance Gelcoat gives significantly improved gloss and colour retention and UV resistance compared with conventional isophthalic gelcoats and, when combined with the latest Dicyclopentadiene (DCPD) resin chemistry, provides much greater heat resistance and freedom from distortion.

DECK FITTINGS

* Reversible electric anchor winch with foredeck, main helm and flybridge controls * Self-stowing 20kg 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

* Helm position with repeat engine controls and instrumentation * Repeat log/echo sounder and autopilot controls * Hydraulic steering * Rudder position indicator * Trim tab controls * Bow thruster controls * Remote anchor winch control * VHF DSC R/T * Intercom to lower console * High speed compass * Searchlight remote control * Horn * Intercom * 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 * Stainless steel handrails * GRP radar arch * Console and seat covers * Matched whip aerials for VHF R/T and radio.

MAIN HELM POSITION

* Twin helm seats with fore and aft adjustment for helmsman * Stainless steel framed toughened glass windscreen, clear for unimpaired night vision * Opening side window * Burr elm instrument console with engine instruments, fuel gauges, rudder position indicator * Single-lever engine controls * Hydraulic steering with power assistance * Autopilot * Trim tab controls * Bow thruster controls * Horn button * Navigation light switches * Searchlight remote control * High speed magnetic compass * Speed and distance log * Echo sounder with alarm * VHF DSC R/T * Flybridge intercom, loudhailer and foghorn * Anchor winch remote control * 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 table on starboard side * Moveable two seat sofa opposite * Bottle and glass storage * Drinks refrigerator * LCD TV with DVD * Stereo radio/CD with saloon and exterior speakers * Triple stainless steel framed sliding doors to cockpit for maximum opening * Tinted windows * Clear forward windscreens * All windows in toughened safety glass with stainless steel frames * 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.

FORWARD STATEROOM

* Large double bed with quilted bedspread * Dressing table with mirror * Wardrobe and shelves * Storage lockers and drawers * Downlighters and individual berth lights * Deck hatch with flyscreen and blind * 2 opening portholes * Mirror * Access to en-suite bathroom.

En-suite shower/WC: Electric quietflush WC * Washbasin with mixer tap * Mirror * Toothbrush/mug and towel holders * Shower compartment with automatic pump out * Extractor fan * Porthole.

AFT STATEROOM

* Twin beds with quilted bedspreads * Dressing table with mirror * Large wardrobe with shelves * Storage lockers and drawers * Bedside table * Downlighters and individual berth lights * Two opening portholes.

En-suite shower/WC: Electric quietflush WC * Washbasin with mixer tap * Mirror * Toothbrush/mug and towel holders * Separate shower compartment with automatic pump out * Extractor fan * Porthole * 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 with quilted bedspreads * Downlighters and individual berth lights * Wardrobe with shelf * Bedside locker * 2 opening portholes * Storage locker.

OPTIONAL CREW CABIN

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

INTERIOR FINISH

* Furniture finished in choice of natural cherry or classic cherry with clear lacquer finish * Console area finished with burr elm * Galley worktop in Avonite * Laid timber galley floor * Choice of upholstery fabrics, carpets and curtains from co-ordinated range.

STORAGE

* All suites and cabins have generous storage comprising lockers, drawers and shelves as appropriate.

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 * Engines flexibly mounted * Engine room forward and aft bulkheads integrally bonded * Automatic/remote manual fire extinguisher in engine room * Automatic and manual bilge pumps * Engine room lighting * Power-assisted hydraulic steering system * Engine room access hatch and ladder from cockpit * Propeller shafts in Temet * 4-bladed Aquafoil propellers in nickel aluminium bronze * High speed, balanced rudders * Cathodic protection for sterngear * Sterngear, engines, fuel tanks, fillers etc all electrically bonded * 8hp bow thruster with dual station controls.

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) and saloon (2) * Shaver points in both bathrooms.

FUEL SYSTEM

* Twin fuel tanks (in N4 grade aluminium) with interconnection system giving a total of 450 gallons (2045 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.

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 (3) in owner's suite, guest suite and galley (also in crew cabin if fitted).

BILGE PUMPS

* 6 automatic electric bilge pumps (with manual override) in engine room, forward accommodation and 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 * Engine manual * Tool kit * Emergency porthole cover * Emergency tiller * Anchor winch back-up handle * Cockpit cover * Ship's document case.