

# Princess V50

## HULL 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<sup>®</sup> 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<sup>®</sup> resin incorporating unidirectional and woven roving as well as chopped strand matt \* Integrally bonded girder-stiffening system \* Standard finish white, navy blue or slate blue 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 and helm position controls \* Self-stowing 16kg Delta anchor with 40 metres of chain \* Bow rope storage locker \* Stemhead roller with automatic anchor launch and retrieve \* Stainless-steel bow, stern and spring cleats \* Stainless-steel pulpit and guardrails \* Stainless-steel coachroof handrails \* Forecabin hatch \* Saloon hatch \* Stainless-steel rubbing band with rubber insert \* Full set of IMCO navigation lights \* Riding light \* Searchlight with remote control \* Twin electric horns \* Fuel and water fillers.

## COCKPIT

\* Self-draining U-shaped seating/dining area \* Teak-laid cockpit deck \* Cockpit wet bar with refrigerator and electric barbecue \* Aft sunbed \* Dinghy stowage garage beneath sunbed, with hydraulic lift system \* Optional hydraulic/ telescopic passerelle/ dinghy crane housed within dinghy/ wetbike garage \* Fender stowage \* Life raft storage \* Access hatch to lazarette stowage space with gas strut support \* Access hatch to engine room with gas strut support \* 220/240v shore support inlet in locker \* Stowage lockers \* Folding hood forward, sun awning with side screens aft \* Overall tonneau cover \* Stainless-steel grabrails \* Radar arch \* Cockpit lighting \* Transom door leading to integral bathing platform \* Transom bathing platform with foldaway swimming ladder \* Hot and cold shower \* Teak decking \* Storage locker \* Stainless steel grabrails.

## HELM POSITION

\* Double helm seat with sit/stand facility \* L-shaped sofa opposite helm position \* Teak decking \* GRP framed toughened glass windscreen \* Burr-elm instrument panel \* Full engine instrumentation \* Fuel gauges \* Single-lever engine controls \* Hydraulic steering with power assistance \* Rudder position indicator \* Trim tab controls \* Horn button \* Autopilot, GPS/colour chartplotter (all interfaced) \* High-speed compass \* Log and echo sounder with alarm \* VHF DSC R/T \* Anchor winch remote control \* Searchlight remote control \* Chart table \* Twin windscreen wipers \* Windscreen freshwater pressure wash \* Bilge pump controls with visual 'pump running' indicators \* Fuel contamination warning lights.

## SALOON

\* U-shaped convertible sofa with dining table \* Cocktail cabinet \* Stereo CD/radio with saloon and cockpit speakers \* LCD TV and DVD \* Overhead downlighters and concealed lighting \* Main electrical control panel with freshwater gauge \* Opening portholes \* Circular deck hatch with flyscreen and blind \* Sliding door to cockpit \* Storage locker.

## GALLEY

\* Folding cover over Avonite (or similar) worktop \* Twin-zone ceramic hob \* Combination microwave/conventional oven with grill \* Stainless-steel sink with Monobloc mixer tap \* 127 litre 24v/240v refrigerator with deep-freeze compartment \* Storage cupboards, drawers and lockers \* Waste bin \* Opening portholes \* Space for optional icemaker.

## OWNER'S SUITE

\* Large double bed with quilted bedspread and under-bed drawers \* Dressing table \* Wardrobe with shelves \* Drawers and storage lockers \* Overhead and individual berth lights \* Deck hatch with flyscreen and blind \* Opening portholes. En-suite shower/wc: Electric-flush wc with folding GRP cover \* Wash basin with Monobloc mixer tap \* Separate shower stall with automatic shower pump-out \* Extractor fan \* Opening porthole \* Mirror \* Electric shaverpoint \* Storage locker.

## AFT GUEST CABIN

\* Two full-size single berths with quilted bedspreads \* Wardrobe with shelf \* Storage lockers \* Downlighters and individual berth lights \* Opening porthole. En-suite shower/wc: Electric-flush with folding GRP cover \* Wash basin with Monobloc mixer tap \* Separate shower stall with automatic shower pump-out \* Extractor fan \* Opening porthole \* Mirrors \* Electric shaverpoint \* Storage locker.

## INTERIOR FINISH

\* Furniture finished in choice of natural cherry or classic cherry with clear, deep-lacquered finish \* Galley worktop in Avonite (or similar) \* Choice of upholstery fabrics, carpets and curtains from co-ordinated range.

## POWER AND DRIVE SYSTEMS

\* Cockpit sole engine room access hatch with gas strut support \* 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 \* Automatic and manual bilge pumps \* Engine room lighting \* Propeller shafts in Temet \* 4-bladed propellers in nickel aluminium bronze \* High-speed balanced rudders \* Cathodic protection for sterngear \* Sterngear, engines, fuel tanks, fillers etc all electrically bonded \* Hydraulic steering system with power assistance \* Single-lever dual-function electronic controls (Volvo engines) \* Bow thruster (8hp).

## ELECTRICAL SYSTEMS

24 volt: 2 x heavy-duty (120AH) batteries for engine starting \* 4 x heavy-duty (120AH) auxiliary batteries \* Engine alternators charge via blocking diodes to isolate engine start batteries from auxiliaries \* 50-amp 24v float battery charger for auxiliary batteries, 5-amp 24v float battery charger for engine start batteries \* Remote battery master switches with control switch at main panel \* Circuit breakers on all circuits.

220/240 volt: 7kW diesel generator with own starting battery and specially silenced exhaust \* Shore support inlet in cockpit \* Generator/shore support changeover switch \* Powerpoints in owner's stateroom, guest cabin, galley (double) and saloon \* Polarity check system \* Earth leakage safety trip \* Shaverpoints in both bathrooms.

#### FUEL SYSTEM

\* Twin fuel tanks (in N4 marine grade alloy) with interconnection system giving 440 gallon (2000 litre) capacity \* Fuel fillers on both side decks \* High-capacity fuel filters/water traps with visual contamination warning at console \* Remote fuel cocks in cockpit locker \* Fuel gauges on helm console.

#### WATER SYSTEM

\* Water tank totalling 82 gallons (372 litres) plus 14 gallon (64 litre) hot water calorifier \* Water heated by engine and 240v immersion heater \* Automatic water pump with filter \* Main circuit breaker at switch panel \* Water level gauge \* Deck filler.

#### FIRE EXTINGUISHERS

\* Automatic fire extinguisher in engine room and generator space \* Hand-operated fire extinguishers (3) in owner's stateroom, guest cabin and galley.

#### BILGE PUMPS

\* Automatic electric bilge pumps (with manual override) in engine room, forward accommodation and aft lazarette (3 in all) \* High-capacity manual bilge pump with valve system and suction points in 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 tiller \* Emergency porthole cover \* Manual winch handle \* Ship's document case.