

Princess 25M

HULL, DECK AND SUPERSTRUCTURE

* Modified deep V hull with moulded spray rails and incorporating propeller tunnels for improved propulsive efficiency and reduced draft * Hand laid glass fibre construction with isophthalic gelcoat backed by initial lay up of powder bond matt and isophthalic resin osmosis barrier * Composite I-beam integrally bonded girder stiffening system with unique directional fibre reinforced load bearing face * Standard finished white high-gloss gelcoat * GRP/balsa core/PVC foam sandwich construction for deck and superstructure for strength and high thermal insulation * Teak laid foredeck, side decks, cockpit and flybridge deck * Hull anti fouled.

DECK FITTINGS

* Twin Delta anchors (63 kg each) with 100m of chain each * Deck chain stoppers (stainless steel) * Twin hydraulic anchor winches with rope capstans with foredeck and triple station operation * Anchor wash/deck wash facility with fore deck and aft deck outlets * Twin stemhead rollers with automatic anchor launch and self stowing facility * Two mooring bollards forward with rope fairleads * Two sets of spring cleats * Two stern mooring bollards and fairleads * Two stern electric capstans (24v) for rope handling * Two bathing platform cleats * All cleats and bollards in stainless steel * Coachroof sunbed recess with cushions and storage facility * Coachroof storage locker for fenders and rope * Foredeck upholstered benchseat * Stainless steel pulpit side stanchions and guardrails mounted on bulwarks with teak capping * Grabrails on forward coachroof and canopy * Navigation lights and riding lights * Twin beam search light with dual station controls * Stern docking lights (2) * Twin 240v shore- power inlets each with 15m (50ft) self stowing cables (Glendinning system) * Loudhailer/fog horn incorporating intercom system * Fuel fillers port and starboard side with water filler on port aft side * Remote control 4.0m telescopic passerelle with lights and folding handrail * Flybridge davit crane (500kg) * Flybridge liferaft locker for one 12 man or two 8 man liferafts * Dockside water and telephone connections * Twin horns * Stern lazarette with electro-hydraulic door containing pull out carriage for wet bike * Swimming ladder with automatic launch and retrieve * Transom shower * Aft cockpit Self draining cockpit with teak laid deck * Upholstered seating aft * Table and five chairs * Deck lighting * Stern line docking winches port and starboard (24v) * Stainless steel handrails * Loud speakers from saloon CD/Hifi system * Large storage locker on port side * Twin doors to bathing platform * Access door to engine room (from side deck) * Integral teak laid stairway to flybridge * Docking control position (comprising engine controls, bow thruster controls, remote rudder control and anchor control) * Access to remote fuel cocks for engines and generator and engine air vent closure system, as well as manual operation system for remote fire extinguishers.

FLYBRIDGE

* Helm position with hydraulically raised instrument console and repeat engine instrumentation * Power assisted hydraulic steering with adjustable wheel * Rudder position indicator * Electronic engine controls * Controls for bow thruster, anchor winches, search light, horns, trim tabs * Electronic compass, depth sounder, log and auto pilot * Repeat radar and chart plotter/GPS display with full controls * VHF R/T (with DSC) * Intercom system with loudhailer * Visual and audible warning system for bilge pumps, engine room fire extinguishers, fuel filters, exhaust temperatures and engine oil pressure and water temperature * Chart table * Adjustable helm seat plus double forward facing seat and forward settee * Large U shaped seating/dining area * Raised sunbed with storage below * Flybridge crane (500kg) * Crane has electrically operated swivel, extension, lift and lower facilities * Covers for all seating areas and console * Wetbar with electric barbecue, icemaker, sink and large top entry refrigerated icebox plus storage * Teak laid decks * Folding bimini top * Stairway to forward saloon via sliding door * Stairway to cockpit via sliding hatch * Liferaft storage * Deck lighting * Loud speakers for CD/Hifi system.

WHEELHOUSE

* Separate and fully adjustable helm seat with matching navigator's seat * U shaped settee and table * Access door to side deck (electrically operated) * Access doors to saloon and galley * Internal blinds to forward and side windows with forward windscreen blinds electrically operated * Glazed bulkhead to saloon with venetian blind * Chart table with light and chart storage * Main electrical switch panel (24v and 240v) * Electronic engine controls * Bow thruster control * Power assisted hydraulic steering with adjustable wheel * Rudder position indicator * Full engine instrumentation also incorporating raw water exhaust temperature alarm system and fuel filter alarm system * Bilge pump control and alarm system * Remote control for engine room fire extinguisher system * Electronic compass and speed/log linked to auto pilot and interfaced GPS/coloured chart plotter and open scan radar (Furuno FR7062) * Reserve magnetic compass * Echo sounder with depth alarm * VHF/RT with DSC * Intercom to flybridge and all cabins * Loudhailer and fog horn * Twin trumpet horns * CCTV monitor served by two fixed cameras in engine room and one camera astern * Search light remote controls * Trim tab controls * One double 240v power outlet * Toughened glass screen (clear for night vision) with anti reflective base and windscreen de-mist system * Triple windscreen wipers with variable speeds and fresh water windscreen wash system * Overhead lighting and night lighting system * Fire extinguisher * Air conditioning/heating outlets * Single CD/radio * Clock and barometer * Access to day toilet with fresh water vacuum toilet and washbasin.

DECK SALOON

* Triple panoramic tinted toughened glass windows port and starboard * Opening drop window to cockpit * Stainless steel framed electric cockpit door * U shaped seating area to port * Coffee table * Twin upholstered sofa stools * Starboard sideboard unit containing drinks refrigerator, bottle and glassware storage * Fully integrated audio visual system incorporating 42" plasma TV, home cinema (surround sound) amplifier/tuner, DVD, VCR and multi disc CD player * Overhead and concealed lighting with dimmer (24v) * Blinds and/or curtains to all doors and windows * Air conditioning/heating outlets * 240v outlets (2) * Telephone point * Fire extinguisher.

FORWARD DINING AREA

* Extending dining table (to suit six to eight places) * Dining chairs (8) * Triple tinted toughened glass windows with blinds/curtains * Overhead and concealed lighting (24v with dimmer) * 240v outlets * Air conditioning/ heating outlets * Stairway to flybridge * Stairway to lower accommodation * Storage area for cutlery and crockery (8 place settings supplied).

GALLEY

* Corian or similar work surfaces * Four ring ceramic hob * Full size refrigerator and deepfreeze with inbuilt icemaker
* Microwave/conventional oven with grill * Twin stainless steel sinks * Dishwasher * Trash compactor * High and low level storage cupboards and drawers * 240v outlets * Extractor fan * Venetian blinds/curtains to windows * Cutlery storage
* Access door to side deck (electrically operated) * Air conditioning/heating outlets * Fire extinguisher * Opening bulkhead section to dining area * Door access to wheelhouse and dining area * Access door to side deck (electrically operated).

MASTER STATEROOM

* Full king size bed with bedside tables and drawers below * Walk in wardrobe with hanging and drawer storage
* Port side sofa with storage drawers and cupboards * Starboard side dressing table/desk with storage drawers and cupboards * TV/VCR with radio/CD * Refrigerator * Overhead and concealed 24v lighting * Air conditioning/heating outlets. Opening portholes (4) with curtains or blinds * Built in safe * Telephone/intercom * 240v outlets * Escape hatch
* Fire extinguisher * En-suite bathroom * Freshwater vacuum toilet and bidet * Twin washbasins * Spa bath with shower
* Air conditioning/ heating outlet * Opening porthole with curtain or blinds * Heated towel rail * Storage for towels etc
* Extractor fan * Razor socket.

FORWARD STATEROOM

* Full king size bed with bedside tables with drawers below * Portside sofa and drawer/cupboard storage * Starboard side dressing table with stool and drawer/cupboard storage * TV/VCR * Radio/CD * Walk in wardrobe with both hanging and storage facilities * Opening portholes (2) with curtains * Overhead and indirect lighting (24v) * Air conditioning/heating outlets * 240v outlets. Escape hatch * Fire extinguisher * Telephone/intercom.

En-suite bathroom: Freshwater vacuum toilet and bidet Washbasin * Stall shower with shower screen and extractor fan * Opening porthole * Heated towel rail * Storage cupboards * Razor socket * Air conditioning/heating outlet.

PORT AND STARBOARD GUEST STATEROOMS

* Twin full sized single berths * Large wardrobe * Storage drawers and lockers * Bedside table * Direct and indirect 24v lighting * 240v outlet * Opening portholes (2) with blinds or curtains * Air conditioning/heating outlet * Telephone/intercom.

En-suite bathroom: Freshwater vacuum toilet and bidet Washbasin * Stall shower with shower screen and extractor fan * Opening porthole * Heated towel rail * Storage cupboards * Razor socket * Air conditioning/heating outlet.

LAUNDRY ROOM

* Separate washing machine and dryer * Storage facilities * 24v lighting * Additional large cupboard/ towel storage below main companionway.

LOWER ACCOMMODATION (OPTIONAL 3 STATEROOM LAYOUT)

* An alternative layout comprises the fitting of an additional stateroom with full size double bed in place of the two berth starboard cabin with the same en-suite facilities. The stateroom features a second wardrobe and a built in TV/VCR as well as a vanity unit * In addition there are drawers below the bed and storage lockers * With this layout the port side cabin has two over and under berths, but otherwise all the same facilities as in the standard layout * The laundry area is located at the foot of the main companionway.

CREW QUARTERS

* Two crew cabins each with option of one or two single berths * Hanging and storage lockers * 24v lighting * Air conditioning/heating outlets * Opening port lights with curtains * Toilet compartment with fresh water vacuum toilet
* Washbasin * Stall shower with screen and extractor fan * 240v razor point * Seating area:- with sofa and table
* Microwave oven * Sink * Refrigerator * 240v power outlet (double) * Opening portholes with curtains * Air conditioning/heating outlet * 24v lighting * Fire extinguisher * Telephone/intercom.

POWER AND DRIVE SYSTEMS

* Soundproofed Engine Room * Engine beds integrally moulded with the hull for strength and vibration absorption
* Engine room bulkheads integrally bonded * Engines flexibly mounted * V-drive gearboxes with anti vibration mounts. High volume air intakes * Engine room access door from side deck * Engine room lighting * High capacity engine room extraction fans with electronic timer delay * Exhaust silencers with water cooled exhausts * Raw water temperature warning lights and buzzers at both helm positions * Automatic fire extinguisher system with manual override and warning system at both helm positions and integrated with engine vent closure system. Automatic electric bilge pumps. Engine driven flood pump * Electronic engine and gear shift control systems * Hydraulic bow thruster * Power assisted hydraulic steering system with twin engine pumps * Propeller shafts in Temet * 5 bladed propellers in nickel aluminium bronze * Highspeed balanced rudders * Cathodic protection for stern gear * Stern gear, engines, fuel tanks, fillers etc., all electrically bonded * Electro hydraulic trim tabs with dual station control * Engine driven hydraulic pump for bow thruster and anchor winches.

ELECTRICAL SYSTEMS

24v: 4 x heavy duty batteries (120 Ah) for engine starting * 6 x heavy duty auxiliary batteries * Engine alternators charge both banks of batteries via blocking diodes * One 95amp 24v float "smart" battery charger connected to both banks of batteries * 240v to 24v lighting power convertor (100amp) * Remote battery isolator control switches at main switch panel position * Circuit breakers on all circuits * 24v to 12v converters for certain navigation and radio circuits * 24v to 240v/50Hz converter (3000w) * Galvanic isolation system.

220/240volt: 2 x 22.5kW (50 Hz) diesel generators in own sound shields and with individual starting batteries; water cooled and with specially silenced exhaust systems and with remote operation from main control panel * 2 x 50amp shore support inlets with Glendinning cable system (15m/50ft each) * Shore power/generator change over control operated from main control panel * Polarity check system * Earth leakage safety trip * Circuit breakers on all circuits
* Power points in all cabins and living areas * Shaver points in washrooms * 4 x 2kW immersion heaters for fresh water.

FUEL SYSTEM

* 4 fuel tanks (in N4 grade aluminium) with inter-connection system giving a total of 1850 gallons (8400L) of fuel capacity
* Fuel fillers to port and starboard * High capacity duplex fuel filters/water traps with integral changeover valves and water sensors connected to alarms at both helm positions * Remote fuel isolation controls in cockpit locker for main engines and generators * Fuel gauges at lower helm position.

WATER SYSTEM

* Water tanks in heavy duty polypropylene giving 330 gallons (1500L) capacity plus 2 x 45 gallons (205L) hot water calorifiers (stainless steel) * Water level gauge * Deck filler * Dock side connection aft * Automatic water pump with filter * Reserve automatic pump with changeover valve system * Pump circuit breaker at main switch panel * Vacuum fresh water toilet system linked to 110 gallon (500L) holding tank with electric, overboard and dock side discharge with manual backup overboard discharge * Level contents gauge on main switch panel.

BILGE PUMPS

* 7 x automatic electric bilge pumps (with manual override) in machinery spaces (3), forward accommodation (3) and crew accommodation (1) * Engine driven high capacity flood pump * Individual bilge indicator warning lights at helm with time delay operated audible alarm (and flybridge repeater warning lights and alarm) * High capacity manual bilge system with suction points in the same areas.

AIR CONDITIONING

* Twin chilled water reverse cycle air conditioning/heating units (total capacity 117,000 BTU) * Individual controls in all cabins in upper deck space areas: Aft saloon - 18,000 BTU; forward saloon and galley - 18,000 BTU; wheelhouse - 18,000 BTU (integrated with screen hot water de-mist system); master stateroom 24,000 BTU; forward stateroom - 12,000 BTU; port and starboard staterooms - 9,000 BTU each; crew quarters - 9,000 BTU * Additional outlets in all bathrooms/WC compartments.

EXTINGUISHERS/FIRE CONTROL SYSTEMS

* Automatic engine room fire extinguisher system (with manual override) and warning system at both helm positions providing automatic shutdown of engines and ventilation fans * Automatically operated engine room air shutoff system * Hand operated fire extinguishers in all staterooms, galley, lower helm position and crew quarters * Separate automatic extinguisher in electrical space.

OTHER STANDARD EQUIPMENT

* Electro hydraulic flybridge crane (500kg) * Electro hydraulic transom garage door to wet bike stowage area * Passerelle (4.0m telescopic) * Central vacuum system with outlets on both main and lower decks * Ensign staff * Fenders (8) * Mooring warps (4) * First Aid Kit * Complete set crystal glass, crockery and cutlery * Saloon scatter cushions.

FINISHES

* Teak laid decks to all external deck areas (including flybridge) - option of GRP non slip decks if required * Timber laid floor to wheelhouse, galley and crew quarters * Marble floors in all bathroom suites in guest accommodation (including day toilet) * Washhand basin counter tops in marble * Galley worktop in Corian (or similar) * Choice of high quality carpet and upholstery fabric from extensive range * Furniture in a choice of natural or classic cherry wood with burr inlays and lacquer finish * Curtains, blinds or sunscreens to all windows and portholes * Quilted bedspreads supplied to all cabins (except crew area).