

PRINCESS V78

PRINCIPAL DIMENSIONS

Length overall (incl. pulpit)	78ft 2in (23.83m)
Length overall (excl. pulpit)	76ft 4in (23.27m)
Beam	18ft 6in (5.66m)
Draft	5ft 5in (1.65m)
Displacement approx. (CAT C32 Acert)	47.5 tonnes*
Fuel capacity	1,206 gallons (5,486 litres)
Water capacity (incl. Calorifier)	245 gallons (1,112 litres)

STANDARD EQUIPMENT

Power-assisted electro-hydraulic steering system
Bow thruster 240kgf
24v DC/240v AC electrical system
240v shore power with 2 x 80-amp float battery chargers
220v/240v diesel generator (22.5kW)
Full air conditioning
Remote control electric anchor winch
Electro-hydraulic trim tabs with indicators
Autopilot
VHF with DSC R/T
Colour radar with scanner and GPS/chart plotter (twin displays)
Speed and distance log
Echo sounder with alarm

Remote control searchlight
Combination microwave/conventional oven/grill
Refrigerator (full height with deep freeze)
Icemaker
Dishwasher
Cockpit wetbar with sink, top loading coolbox and electric barbecue
Vacuflush toilets with holding tank
Saloon LCD TV/DVD with surround-sound system
Teak-laid transom platform/cockpit deck/steps to side decks
Cockpit sunbed and cushions
Double opening stainless steel framed saloon door with drop window
Hard top with electrically operated sliding sunroof
Electro-hydraulically opening garage with storage for tender or wetbike
Transom door
Transom platform with electro-hydraulic raise/lower mechanism
Hot and cold transom shower
Tonneau cover

ENGINES - DIESEL

Twin Caterpillar C32 Acert (2 x 1723mhp) Speed range: 36-39 knots †
Twin Caterpillar C32 Acert (2 x 1825mhp) Speed range: 37-40 knots †

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DECK FITTINGS

- Reversible electric anchor winch with foredeck and helm position controls
- Self-stowing 50Kg/110lb Delta anchor with 100 metres chain
- Bow rope storage locker
- Anchor wash facility
- Stemhead roller with automatic anchor launch and retrieve
- Stainless-steel bow, stern and spring cleats (8)
- Stainless-steel pulpit and guardrails
- Two electric sternline winches
- Stainless-steel coachroof handrails
- Twin coachroof lockers for storage of fenders, ropes and sunbed cushions
- Forecabin hatch
- PVC rubbing band with stainless-steel insert
- Full set of IMCO navigation lights
- Riding light
- Searchlight with remote control
- Twin electric horns
- Fuel and water fillers
- Electro-hydraulic telescopic passerelle (4.4m) with remote control
- Stern docking lights
- Foredeck sunbed with electrically adjustable headboard

COCKPIT

- Teak decking
- U-shaped seating/dining area with folding table and additional L-shaped seat with coffee table
- Cockpit wet bar with sink, top loading coolbox, electric barbecue, waste bin and stowage
- Sunbed aft
- Storage garage for dinghy/jet ski and general stowage with electro-hydraulic aft door and electric winch system for dinghy/jet ski retrieval
- Life raft storage (for 2 x 8 man)
- Access door to crew cabin
- 220/240v shore support inlet
- Stowage lockers
- Stainless-steel grabrails
- Cockpit lighting
- Cockpit speakers linked to saloon surround sound system
- Twin cockpit gates leading to aft deck and to bathing platform with raise/lower facility (400Kg capacity), hot and cold transom shower, foldaway swimming ladder and teak decking
- Tonneau cover with zip door

HELM POSITION

- Twin helm seats with electric adjustment for helmsman
- AC/DC control systems panel
- Door to side deck

- Toughened glass windscreen clear for unimpaired night vision
- Instrument panel
- Full engine instrumentation
- Fuel gauges
- Electronic engine and gear shift controls
- Power assisted electronic steering with hydraulic back up
- Bow thruster controls
- Rudder position indicator
- Electro-hydraulic trim tab controls with indicators
- Colour radar with scanner and GPS/chartplotter (twin displays)
- Autopilot
- High-speed compass
- Speed log
- Echo sounder with alarm
- VHF DSC R/T
- Anchor winch remote control
- Searchlight remote control
- Chart area
- Windscreen wipers with freshwater wash
- Bilge pump controls with visual 'pump running' indicators
- Fuel contamination alarm system
- Air-conditioning outlets
- 12v outlet
- Red night lighting

DECK SALOON

- U-shaped sofa with coffee table
- Sofa opposite
- Bar unit incorporating refrigerator, bottle and glass storage
- Entertainment centre incorporating LCD TV with powered lift linked to surround sound system
- L-shaped dinette
- All windows in toughened safety glass
- Electric opening window portside
- Blinds, curtains or sunscreens to all windows and doors
- Overhead downlighters and concealed lighting
- Electrically operated opening roof
- Double opening stainless-steel framed saloon door with drop window
- Full air-conditioning

GALLEY

- Granite/marble worktop
- Four-zone ceramic hob
- Combination microwave/conventional oven with grill
- Icemaker
- 8 place dishwasher
- Stainless-steel sinks with Monobloc mixer taps
- Full height fridge/freezer
- Storage cupboards, drawers and lockers

- Waste bin
- Opening portholes
- Combination washer/dryer and storage in lobby area
- Air-conditioning

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 tank and 240v shaver points

OWNER'S STATEROOM

- Large double bed with quilted bedspread
- Dressing table with chair
- Walk-in wardrobe
- Built-in safe
- Chaise longue
- Drawers, cupboards and storage lockers
- Overhead and individual berth lights
- Fixed and opening portlights
- LCD TV with surround sound entertainment system

En-suite bathroom:

- Twin washbasins with Monobloc mixer taps
- Separate shower cubicle with automatic shower pump-out
- Extractor fan
- Mirror
- Storage lockers

FORWARD GUEST CABIN

- Large double bed with quilted bedspread
- Vanity unit with storage
- Wardrobe with shelves
- Drawers, cupboards and storage lockers
- LCD TV
- Overhead and individual berth lights
- Deck hatch with fly screen and blind
- Large opening portholes

En-suite bathroom:

- Washbasin with Monobloc mixer tap
- Separate shower cubicle with automatic shower pump-out
- Extractor fan

En-suite bathroom:

- Mirror
- Storage lockers

PORT GUEST CABIN

- Two full-size single berths with quilted bedspreads
- Wardrobe with shelf
- Storage lockers
- Downlighters and individual berth lights
- Opening portholes

En-suite bathroom:

- Washbasin with Monobloc mixer tap
- Separate shower cubicle with automatic shower pump-out

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PORT GUEST CABIN (CONTINUED)

- Extractor fan
- Mirror
- Storage locker
- Separate access from passageway as well as from cabin

STARBOARD GUEST CABIN

- Two single berths
- Wardrobe
- Storage locker
- Downlighters and individual berth lights
- Opening portholes

CREW CABIN

- Two full-size single berths, storage lockers and enclosed WC, washbasin and separate shower compartment

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 in choice of granite or marble
- Bathroom units and floors fitted with granite or marble
- Choice of upholstery fabrics, carpets and curtains from co-ordinated range
- Timber-laid galley
- Timber-laid saloon floor with carpet inlay

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
- 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 electro-hydraulic steering system
- Single-lever electronic engine controls
- Bow thruster (240Kgf/529lbf)
- Freshwater outlet point in engine room
- Dripless shaft seals

ELECTRICAL SYSTEMS

24 volt:

- 4 x heavy duty batteries for engine starting
- 6 x heavy duty auxiliary batteries
- Engine alternators charge both banks of batteries via automatic switch charging system

24 volt:

- 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 panel
- Circuit breakers on all circuits
- 24-12v dropper for certain navigation and radio circuits

220/240 volt:

- 22.5kW diesel generator with own starting battery and specially silenced exhaust
- Shore support inlets
- Generator/shore support change-over system
- Power points in saloon, galley (double), owner's stateroom, guest and crew cabins
- Polarity check system
- Earth leakage safety trip
- Shaver points in all bathrooms

FUEL SYSTEM

- Twin fuel tanks (in NS8 marine grade alloy) with interconnection system giving 1206 gallon/1449 US gallon (5486 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
- Fuel gauges on helm console

WATER SYSTEM

- Water tank totalling 200 gallons/240 US gallons (909 litres) plus 45 gallon/54 US gallon (205 litre) hot water calorifier
- Water heated by 240v immersion heater and engine
- Automatic water pump with filter
- Main circuit breaker at switch panel
- Water level gauge
- Deck filler
- Freshwater Vacuflush WC system with 88 gallon/106 US gallon (400 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 helm position
- Hand-operated fire extinguishers (6) in owner's stateroom, port, starboard and forward guest cabins, galley, helm position and crew cabin

BILGE PUMPS

- Automatic electric bilge pumps (with manual override) in engine room, forward accommodation and aft (7 in all)
- High capacity manual bilge pump with valve system and suction points in same areas

OTHER ITEMS SUPPLIED AS STANDARD

- Set of cutlery, crockery and crystal glasses
- Set of towels
- 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 cases
- Electric vacuum cleaner