

# PRINCESS V45

## PRINCIPAL DIMENSIONS

Length overall (incl. pulpit)	47ft 1in (14.35m)
Length overall (excl. pulpit)	46ft 1in (14.05m)
Beam	13ft 1in (3.99m)
Draft	3ft 6in (1.07m)
Displacement approx. (Twin Volvo D6-370)	12,600kgs* (27,778lbs)
Fuel capacity	220 gal/264 US gal/1000l
Water capacity (incl. calorifier)	86 gal/104 US gal/394l

## STANDARD EQUIPMENT

Power-assisted steering system
Bow thruster (75kgf/165lbf)
12v DC/240v AC electrical system
240v shore power with 70-amp float battery charger
Remote control electric anchor winch
Electro-hydraulic trim tabs
Autopilot
VHF with DSC R/T
Speed and distance log
Echo sounder with alarm
Remote control searchlight

Combination microwave/conventional oven/grill
Refrigerator with deep freeze compartment
Cockpit wetbar including sink (optional electric barbecue)
Cockpit top loading cool box
Electric quietflush toilets
Saloon and cockpit stereo CD/radio
Teak-laid transom platform/cockpit deck/steps to side decks
Cockpit sunbed and cushions
Electric drop window at helm position
Optional hard top with electrically operated sliding sunroof
Garage with electro-hydraulic powered door with storage for tender and winch
Transom door
Hot and cold transom shower
Cockpit hood and tonneau cover

## ENGINES – DIESEL

Twin Volvo D6-370 DP (2 x 370mhp)
Speed range: 35-37 knots †
(Joystick control optionally available)

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## DECK FITTINGS

- Reversible electric anchor winch with foredeck and helm position controls
- Self-stowing 16kg/35lbs Delta anchor with 40m 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
- Fore cabin hatch
- Saloon hatch
- Stainless-steel rubbing band with rubber insert
- Full set of IMCO navigation lights
- Riding light
- Remote control searchlight
- Twin electric horns
- Fuel and water fillers

## COCKPIT

- Teak-laid transom platform and cockpit deck
- Self-draining
- U-shaped seating/dining area
- Cockpit lighting
- Cockpit hood and tonneau cover
- Stainless-steel grabrails
- Cockpit wetbar with refrigerated coolbox and optional barbecue
- Sunbed aft
- Dinghy/jet ski stowage garage beneath sunbed, with electric lift system
- Fender stowage
- Access hatch to engine room with gas strut support
- 220/240v shore support inlet in locker
- Stowage lockers
- Life raft locker
- Folding hood forward, sun awning with side screens aft (forward hood can be used as sun canopy or complete enclosure)
- Radar arch
- Transom bathing platform with foldaway swimming ladder
- Transom door leading to integral bathing platform
- Hot and cold shower
- Electric winch system for dingy retrieval

## OPTIONAL SUN ROOF

- Sliding sun roof (electrically operated) within fixed GRP structure and integrated with radar arch in place of the forward cockpit hood and the cockpit cover

## HELM POSITION

- Double helm seat with sit/stand facility
- Electric drop window
- L-shaped sofa opposite helm position
- Burr instrument panel with fuel gauges and engine controls
- Rudder position indicator in autopilot display
- Power-assisted hydraulic steering system with adjustable steering wheel
- Remote control anchor winch
- Trim tab controls with indicator
- Autopilot
- VHF with DSC R/T
- Speed and distance log
- Echo sounder with alarm
- Remote control searchlight
- High speed compass
- Horn button
- Chart table
- Twin windscreen wipers
- Windscreen freshwater pressure wash
- Bilge pump controls with visual 'pump running' indicators
- Stern drive trim controls
- Bow thruster control

## SALOON

- U-shaped convertible sofa
- Dining table
- Cocktail cabinet
- Stereo CD/radio with saloon and cockpit speakers
- Overhead downlighters
- Main electrical control panel with freshwater gauge
- Circular deck hatch
- Sliding door to cockpit

## GALLEY

- Avonite (or similar) worktop
- 3 zone gas hob with flame failure device
- Twin stainless-steel sinks with Monobloc mixer tap
- Combination microwave/conventional oven with grill
- Refrigerator with deep freeze compartment
- Waste bin
- Storage cupboards, drawers and lockers
- Optional icemaker (220v)

## ACCOMMODATION

- All cabins are fitted with opening portholes and 240v power points
- All bathrooms feature electric quietflush toilets and 240v shaver points

## OWNER'S CABIN

- Large double bed with drawers below
- Dressing table
- Wardrobe with shelves
- Drawers and storage lockers
- Overhead and individual berth lights
- Deck hatch with flyscreen and blind

## En-suite bathroom:

- Avonite (or similar) worktop
- Wash basin with Monobloc mixer tap
- Separate shower stall with automatic shower pump-out
- Mirror

## AFT GUEST CABIN

- Two single berths
- Wardrobe
- Storage lockers
- Downlighters and individual berth lights

## En-suite bathroom:

- Avonite (or similar) worktop
- Wash basin with Monobloc mixer tap
- Separate shower stall with automatic shower pump-out
- Mirror
- Storage locker

## GAS

- Overboard vented and drained locker for 2 gas bottles
- Copper gas line sheathed in polythene
- Camping gas regulator
- Gas low/system test meter

## POWER AND DRIVE SYSTEMS

- Twin duoprop sterndrives
- Engine room lighting
- Cockpit sole engine room access hatch with gas strut support
- Power-assisted hydraulic steering
- Electro-hydraulic trim tabs
- Electronic engine controls
- Bow thruster (75kgf)

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## ELECTRICAL SYSTEMS

### 12 Volt:

- 2 x heavy-duty (120AH) batteries for engine starting
- 2 x heavy-duty auxiliary batteries
- Engine alternators charge via charge mate electrical override system to isolate engine start batteries from auxiliaries
- 70-amp 12v float battery charger for auxiliary batteries
- Remote battery master switches with control switch at main panel
- Circuit breakers on all circuits

### 220/240 Volt:

- Shore support inlet in cockpit
- Power points in owner's cabin, guest cabin, galley (2 singles) and saloon
- 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 220 gallons/264 US gallons (1000 litres) capacity
- Fuel fillers on both side decks
- High-capacity fuel filter/water trap
- Remote fuel cocks in cockpit locker
- Fuel gauges on helm console

## WATER SYSTEM

- Water capacity totaling 86 gallons/104 US gallons (394 litres)
- 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
- Hand operated fire extinguishers (4) in: owner's cabin, guest cabin, galley and cockpit

## BILGE PUMPS

- Automatic electric bilge pumps (with manual override) (3 in all)
- High-capacity manual bilge pump with valve system and suction points in engine room and aft cabin

## OTHER ITEMS SUPPLIED AS STANDARD

- Fenders (6) and warps (4)
- Ensign staff
- First aid kit
- Boathook
- Owner's manual and engine manual
- Quilted bedspreads in all cabins
- Tool kit
- Manual winch handle
- Ship's document case