

PRINCESS 50

PRINCIPAL DIMENSIONS

Length overall (incl. pulpit)	50ft 5in (15.37m)
Length overall (excl. pulpit)	49ft 2in (14.98m)
Beam	15ft (4.57m)
Draft	4ft 2in (1.27m)
Displacement approx. (Twin Volvo 670mhp)	19 tonnes*
Fuel capacity	560 gallons (2500 litres)
Water capacity (incl. calorifier)	130 gallons (592 litres)

STANDARD EQUIPMENT

Power-assisted electro-hydraulic steering system
Bow thruster (110kgf)
24v DC/240v AC electrical system
240v shore power with 60-amp float battery charger
220v/240v diesel generator (7kW)
Dual station remote control electric anchor winch
Dual station electric trim tabs with indicators
Dual station autopilot
Dual station VHF with DSC R/T with intercom
Dual station speed and distance log

Dual station echo sounder with alarm
Remote control searchlight
Combination microwave/conventional oven/grill
Full height refrigerator/deep freeze
Cocktail cabinet with refrigerator
Flybridge wetbar including sink and electric barbecue
Flybridge top loading coolbox
Flybridge sunbed and cushions
Electric quietflush toilets
Saloon LCD TV/DVD
Teak-laid deck, cockpit, transom platform/flybridge stairway/ stairs to side decks
Triple opening stainless steel framed saloon doors
Full length transom platform with tender storage facilities
Transom door
Hot and cold transom shower
Cockpit night cover

ENGINES - DIESEL

Twin Volvo D11-670	(2 x 670mhp)	Speed range: 29-32 knots †
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DECK FITTINGS

- Teak-laid deck, cockpit, transom platform and flybridge stairway and stairs to side decks
- Reversible electric anchor winch with foredeck, main helm and flybridge controls
- Stemhead roller with automatic anchor launch and retrieve
- Self stowing 20kg Delta anchor with 40m of chain
- Deck hatch access to chain locker
- Bow rope stowage locker
- Stainless steel bow, stern and spring cleats
- Stainless steel bow and stern fairleads
- Stainless steel pulpit and guard rails
- Stainless steel coachroof and flybridge handrails
- Foredeck hatch
- Stainless steel rubbing band with rubber insert
- Full set of IMCO navigation lights
- Riding light
- Twin beam searchlight with dual-station remote controls
- Loud hailer/intercom
- Twin electric horns
- Fuel and water fillers
- Coachroof sunbed recess
- Fender baskets on transom platform

AFT COCKPIT

- Self-draining
- Upholstered seating
- Cockpit lighting
- Cockpit cover
- Stainless steel handrails
- Lockable gas strut assisted hatch to lazarette/optional crew cabin
- Lockable gas strut assisted hatch to engine room

AFT COCKPIT (CONTINUED)

- Transom door leading to bathing platform
- Transom bathing platform with foldaway swimming ladder, hot and cold shower
- Dinghy chock system
- 220/240v shore support inlet and cable stowage locker
- Storage locker for fenders and life raft (not supplied)
- Steps to side deck
- Remote fuel cocks located in locker
- Integral stairway to flybridge with teak treads
- Reserve manual bilge pump with valve chest in locker

FLYBRIDGE

- Dual station instruments and controls (see Lower Helm Position)
- Helm position featuring adjustable wheel
- Twin helm seats with fore and aft adjustment
- Audible and visual alarm for bilge pumps
- Chart table
- Large U-shaped upholstered seating
- Table
- Aft sunbed with cushions and stowage space below
- Loudspeakers linked to saloon stereo
- Hatch to aft cockpit
- Wind deflector screens
- Stainless steel handrails
- GRP radar arch
- Console and seat covers
- Twin matching whip aerials for VHF/RT and radio
- Wetbar with electric barbecue, stowage, sink, hot and cold water supply
- Refrigerated top loading coolbox

LOWER HELM POSITION

- Twin helm seats with fore and aft adjustment for helmsman
- Instrument console with engine instruments and fuel gauges
- Helm position featuring adjustable wheel
- Dual station instruments and controls at Flybridge and Lower Helm Positions:
 - ▶ rudder position indicator
 - ▶ electronic engine controls
 - ▶ audible and visual engine warning alarm system
 - ▶ power-assisted electro hydraulic steering
 - ▶ bow thruster control
 - ▶ anchor winch remote control
 - ▶ trim tab controls with indicators
 - ▶ autopilot
 - ▶ VHF with DSC R/T and intercom to flybridge
 - ▶ speed and distance log
 - ▶ echo sounder with alarm
 - ▶ remote control searchlight
 - ▶ high speed magnetic compass
 - ▶ horn button
 - ▶ automatic foghorn with loudhailer
- 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
- Clear glass toughened windscreen for good low light vision
- Black mesh sunscreens
- Riding light, helm and navigation light control switches
- Stowage under helm seat
- 12v outlet

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DECK SALOON

- Triple stainless steel framed sliding doors to cockpit
- U-shaped sofa with storage drawers
- Coffee table
- LCD TV
- Stereo CD/DVD/radio with saloon and exterior speakers
- Sideboard unit
- Bottle and glass stowage
- Drinks refrigerator
- Curtains to sliding doors
- Venetian blinds or curtains to saloon windows
- Overhead downlighters
- Tinted side windows
- Clock and barometer
- Dining area with U-shaped sofa and table

GALLEY

- Avonite (or similar) worktop
- 4-zone ceramic hob
- Hob extractor fan
- Combination microwave/conventional oven with grill
- Stainless steel sink with mixer tap
- Full height refrigerator/deep freeze
- Waste disposal bin
- Overhead down lighters and task lighting
- Drawers and storage cupboards
- Dedicated cutlery drawer
- Dedicated crockery stowage
- Chopping board
- Utility area with provision for washer/dryer

ACCOMMODATION

- All cabins and bathrooms feature opening and/or fixed portholes
- All cabins feature 240v power points
- All bathrooms feature electric quiet flush toilets (except optional crew cabin which is manual) and 240v shaver points

OWNER'S STATEROOM

- Full beam cabin with triple vertical portlights each side (one opening)
- Large double bed
- Twin bedside tables
- Wardrobe and shelves
- Dressing table
- Mirror
- Storage lockers and drawers
- Downlighters and individual berth lights

En-suite shower/WC:

- Washbasin with Avonite worktop
- Mirror
- Toothbrush/mug and towel holders
- Shower compartment with automatic pump out
- Extractor fan

FORWARD STATEROOM

- Large double bed
- Wardrobes and shelves
- Storage lockers and drawers
- Mirror
- Dressing table with mirror
- Downlighters and individual berth lights
- Deck hatch with flyscreen and blind

En-suite shower/WC:

- Washbasin with Avonite worktop
- Shower compartment with automatic pump out
- Extractor fan
- Toothbrush/mug and towel holders
- Mirror

STARBOARD GUEST CABIN

- Two single berths
- Bedside locker
- Wardrobe with shelf
- Mirror
- Storage lockers
- Downlighters and individual berth lights

OPTIONAL CREW CABIN

(In place of Lazarette)

- One single berth
- Storage space
- Individual berth light
- Marine WC (under folding cover)
- Wash basin
- Mirror

POWER AND DRIVE SYSTEMS

- 4-bladed aquafoil propellers in nickel aluminium bronze
- Bow thruster (110kgf) with dual station controls
- Engine room lighting
- Lockable access hatch and ladder from cockpit to engine room
- Powered assisted electro-hydraulic steering system
- Trim tabs with indicators
- Electronic engine and gear shift controls
- Engine room extractor fans with electronic time delay

ELECTRICAL SYSTEMS

24 Volt:

- 2 x heavy-duty batteries for engine start
- 4 x heavy-duty auxiliary batteries
- Engine alternators charge both banks of batteries via split charging system
- Battery link facility with remote control at helm position
- Both battery banks are charged using a voltage sensitive relay that parallels both battery banks when a charging source is present
- Remote battery master switches with controls at main switch panel
- Circuit breakers on all circuits
- 24v to 12v converters for certain navigation and radio circuits

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ELECTRICAL SYSTEMS

220/240 Volt:

- 7kW diesel generator in own sound shield with water cooled specially silenced exhaust
- Automatic fire extinguisher
- Shore support inlet in cockpit locker with stowage for cable
- Generator/shore support change-over switch at main control panel
- Polarity check system
- Earth leakage safety trip
- Circuit breakers on all circuits
- Power points in:
 - owner's stateroom
 - forward stateroom
 - galley (double)
 - saloon
 - guest cabins
- Shaver points in all bathrooms

FUEL SYSTEM

- Twin fuel tanks (in NS8 marine grade alloy) with interconnection system giving 560 gallons (2500 litres) 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 position

WATER SYSTEM

- Water tank in heavy duty polypropylene giving 114 gallons (520 litres) capacity plus 16 gallon (72 litres) hot water calorifier
- Water heated by engines and 240v immersion heater
- Automatic water pump with filter
- Pump circuit breaker at main switch panel
- Water level gauge
- Deck filler

FIRE EXTINGUISHERS

- Automatic/manual override fire extinguisher in engine room with warning system at Flybridge and Lower Helm Position
- Hand-operated fire extinguishers in:
 - owner's stateroom
 - forward stateroom
 - starboard cabin
 - galley
 - lower helm position
- Additional extinguisher fitted when optional aft cabin is specified

BILGE PUMPS

- Automatic electric bilge pumps (with manual override) in:
 - engine room (2)
 - lazarette (1)
 - forward accommodation (2)
- 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
- Tool kit
- Owner's manual and engine manual
- Quilted bedspreads in all cabins (except optional crew cabin)
- Cockpit cover
- Ship's document case
- Emergency tiller
- Anchor winch back up handle