

PRINCESS 21 METRE

PRINCIPAL DIMENSIONS

Length overall (incl. pulpit)	71ft 5in (21.56m)
Length overall (excl. pulpit)	70ft 3in (21.23m)
Beam	18ft 1in (5.55m)
Draft	5ft 2in (1.57m)
Displacement approx. (Twin MAN 1360hp)	42 tonnes*
Fuel capacity	1100 gallons (5000 litres)
Water capacity (incl. calorifier)	311 gallons (1414 litres)

STANDARD EQUIPMENT

Power-assisted hydraulic steering system
Bow thruster (155kgf)
24v DC/240v AC electrical system
240v shore power with 2 x 80-amp float battery charger
220v/240v diesel generator (22.5kW)
Dual station remote control electric anchor winch
Deck/anchor wash
Electric stern rope mooring winches
Dual station electric trim tabs with indicators
Dual station autopilot
Dual station VHF with DSC R/T with intercom
Dual station colour radar/chart plotter/GPS
Dual station speed and distance log
Dual station echo sounder with alarm
Remote control searchlight
Combination microwave/conventional oven/grill
Refrigerator
Deep freeze

Cocktail cabinet with refrigerator
Icemaker
Flybridge wetbar including sink and electric barbecue
Flybridge top loading cool box
Dishwasher
Laundry centre
Vacuflush toilets with holding tank
Saloon LCD TV/DVD with Bose surround-sound system
LCD TV/DVD/radio in owner's stateroom
Flybridge stereo CD/radio
Teak-laid transom platform/cockpit deck/flybridge stairway/ stairs to side decks
Flybridge sunbed and cushions
Helmsman's door to side deck
Triple opening stainless steel framed saloon doors
Flybridge crane with tender and wetbike storage facility (also spans transom platform)
Remote control telescopic passerelle
Twin transom doors
Hot and cold transom shower
Fully fitted crew cabin
Cockpit night covers

ENGINE OPTIONS - DIESEL

Twin MTU 8V M93	(2 x 1200hp)	Speed range: 30-33 knots †
Twin MAN V12 1360 CRM	(2 x 1360hp)	Speed range: 32-34 knots †
Twin MTU 10V 2000 M93	(2 x 1500hp)	Speed range: 33-35 knots †

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DECK FITTINGS

- Teak-laid transom platform, cockpit deck, flybridge stairway, 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 50kg anchor with 90m of chain
- Electric-powered sternline mooring winches port and starboard
- Bow rope stowage locker
- Freshwater deck/anchor wash
- Coachroof sunbed recess with cushion
- Deck storage lockers for fenders and foredeck sunbed cushions
- Stainless steel bow, stern and spring cleats (2 pairs)
- Stainless steel pulpit and guard rails
- Forward coachroof handrails
- Canopy handrails
- White PVC high-impact rubbing band with stainless steel insert
- Full set IMCO navigation lights
- Riding light
- Dual-station remote control searchlight
- Twin electric horns
- Fuel and water fillers
- Transom deckwash point
- Flybridge davit crane (400kg) also spans transom platform
- Liferaft locker

AFT COCKPIT

- Self-draining
- Upholstered seating
- Deck lighting
- Cockpit cover
- Stainless steel handrails
- Remote control telescopic passerelle (2.9m) with folding handrail
- Deck hatch to lazarette
- Engine room access from side door
- Transom bathing platform with access to storage lockers, foldaway swimming ladder, hot and cold shower
- Transom locker housing 240v shore support inlet and shoreline
- Stowage locker below flybridge stairway
- Twin transom doors to bathing platform

FLYBRIDGE

- Dual station instrument controls (see Lower Helm Position)
- Helm position featuring hydraulically raised instrument console with repeat engine instrumentation
- 2 individual adjustable helm seats

- Engine room and lazarette fire extinguisher warning system
- Chart table
- Additional seating for 8 around sofa/dinette
- Sunbed with storage compartment
- Stereo CD/radio
- Aft access stairway from cockpit via hatch, forward access from saloon via door and stairway
- Wind deflector screens
- Stainless steel handrails
- Deck-level lighting
- Console and seat covers
- Matched whip aerials for VHF R/T and radio
- Wet bar with sink, hot and cold water supply, barbecue grill, waste bin and storage
- Refrigerated cool box
- Electric davit crane for ship's tender (400kg)
- Bilge pump visual and audible warning indicators

LOWER CONTROL POSITION

- Burr elm instrument console with engine instruments and fuel gauges
- Dual station instruments and controls at Flybridge and Lower Helm Position:
 - › rudder position indicator
 - › electronic engine controls
 - › power-assisted hydraulic steering with adjustable steering wheel
 - › bow thruster control
 - › electric anchor winch remote control
 - › trim tab controls with indicators
 - › autopilot
 - › dual station VHF DSC R/T with intercom
 - › colour radar and chartplotter/GPS
 - › all electronic navigation equipment interfaced with radar and autopilot
 - › speed and distance log
 - › echo sounder with alarm
 - › remote control searchlight
 - › high-speed magnetic compass
 - › horn button
- Intercom to all cabins with telephone shore connection
- Automatic foghorn with loudhailer
- Chart table with chart storage
- Triple windscreen wipers with windscreen wash
- Bilge pump controls
- 24v and 240v control panels
- PVC sunscreens
- Twin helm seats with fore and aft adjustment
- Door to starboard side deck

DECK SALOON

- Large U-shaped sofa with storage drawers, coffee table and twin armchairs
- Entertainment centre incorporating LCD TV with DVD/radio and Bose surround-sound system
- Storage cupboard unit
- Cocktail cabinet incorporating refrigerator and icemaker with serving area and storage
- Triple opening doors to cockpit
- Tinted side windows
- Blinds, curtains or sunscreens to all windows and doors
- Overhead and concealed lighting
- Dining area forward
- Electric drop window in dining area

GALLEY

- Granite (or similar) worktop
- Ceramic 4-zone hob
- Extractor fan
- Combination microwave/conventional oven with grill
- Twin-bowl stainless steel sink with mixer tap
- Full height refrigerator with deep freeze
- Dishwasher
- Waste disposal bin
- Overhead and worktop lighting
- Drawers and storage cupboards
- Glass partitions forward and aft with opaque/clear electronic control

ACCOMMODATION

- All cabins feature opening and/or fixed portholes and 240v power points
- All bathrooms feature Vacuflush fresh water toilets with holding tanks and 240v shaver points

OWNER'S STATEROOM

- Large double bed with drawers below
- Bedside cabinets
- Walk through dressing area with large wardrobes and storage
- Sideboard with dressing table and storage
- LCD TV/DVD/radio
- Sofa
- Vertical portlights port and starboard
- Overhead lighting, concealed lights and individual berth lights
- Intercom

En-suite bathroom:

- Washbasin with Avonite worktop
- Separate shower with automatic pump out
- Extractor fan
- Mirrors
- Shaver point (240v)

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FORWARD GUEST STATEROOM

- Large double bed with drawers below
- Large wardrobes with shelves
- Dressing table
- Stereo CD/radio
- Sideboards and cupboards
- Overhead lighting, concealed lights and individual berth lights
- Intercom
- Deck hatch

En-suite bathroom:

- Washbasin with Avonite worktop and mixer tap
- Separate shower with automatic pump-out
- Extractor fan
- Mirrors
- Shaver point (240v)

STARBOARD GUEST SUITE

- Large double bed with drawers below
- Bedside tables with storage
- Dressing table
- Wardrobe with shelves
- Storage lockers
- Overhead lighting and individual berth lights
- Door to guest bathroom
- Intercom

En-suite bathroom:

- Washbasin with Avonite worktop and mixer tap
- Separate shower with automatic pump-out
- Extractor fan
- Mirrors
- Shaver point (240v)
- Access doors from passageway and guest suite

PORT GUEST CABIN

- 2 single berths
- Wardrobe with shelves
- Storage lockers
- Overhead lighting and individual berth lights
- Intercom

CREW CABIN

- Access from cockpit
- 2 single berths
- Hanging and storage lockers
- Overhead lighting and individual berth lights
- Intercom

Crew bathroom:

- Washbasin with mixer taps
- Separate shower with automatic pump-out
- Extractor vent
- Mirror

UTILITY AREA

- Combination washing machine/dryer
- Linen cupboard

- Storage drawers

POWER AND DRIVE SYSTEMS

- 5-bladed propellers in nickel aluminium bronze
- Bow thruster (155kgf) with dual station controls
- Engine room lighting
- Engine room access from cockpit leading to watertight door
- Power-assisted hydraulic steering system
- Trim tabs with indicators
- Electronic engine and gear shift controls
- Engine room extractor fans with electronic time delay

ELECTRICAL SYSTEM

24 Volt:

- 4 x heavy-duty batteries for engine starting
- 6 x heavy-duty auxiliary batteries
- Engine alternators charge both banks of batteries via blocking diodes
- 2 x 80-amp 24v float battery chargers with automatic charging relay connected to both banks of batteries
- Remote battery master switches with controls at main switch panel
- Circuit breakers on all circuits
- 24v to 12v voltage dropper for certain navigation and radio circuits

220/240 Volt:

- 22.5kW diesel generator in own soundshield with water-cooled and specially silenced exhaust
- Automatic fire extinguisher situated by generator linked to main fire extinguisher system
- 50-amp shore support inlet (2 if air conditioning is fitted)
- Generator/shore support change-over system
- Polarity check system
- Earth leakage safety trip
- Circuit breakers on all circuits
- Power points (240v) in:
 - ▶ owner's stateroom
 - ▶ port and starboard cabins
 - ▶ galley (2 double)
 - ▶ saloon area
 - ▶ forward stateroom
 - ▶ crew cabin
- Shaver points in all bathrooms

FUEL SYSTEM

- 2 fuel tanks with interconnection system giving 1100 gallons (5000 litres) capacity
- Fuel fillers on port and starboard side decks
- High-capacity duplex fuel filters with water separators and change-over valves

- Fuel contamination sensors connected to warning lights and audible alarms at lower helm and flybridge
- Remote fuel cocks in cockpit locker
- Fuel gauges at lower helm position

WATER SYSTEM

- 266 gallon (1209 litres) water tank with 45 gallon (205 litres) hot water clarifier
- Water heated by 240v immersion heater
- Automatic water pump with filter
- Main circuit breaker at 240v switch panel
- Water level gauge
- Deck filler
- Vacuum freshwater WC system linked to 86 gallon (390 litres) holding tank
- Holding tank dockside and overboard discharge with low-noise electric pump and macerator back-up system
- Holding tank level gauge

FIRE EXTINGUISHERS

- Automatic/manual override fire extinguishers in engine room and generator space with warning system at both helm positions
- Hand-operated fire extinguishers (7) in:
 - ▶ owner's stateroom
 - ▶ forward guest cabin
 - ▶ port and starboard cabins
 - ▶ galley
 - ▶ lower helm position
 - ▶ crew cabin

BILGE PUMPS

- Automatic electric bilge pumps (7 in all) with manual override in engine room (2), rudder area, lazarette, forward accommodation (3)
- High-capacity manual bilge pump with valve system and suction points in same areas
- Electric bilge pumps have controls and warning lights at lower helm and warning light with audible alarm at flybridge helm

OTHER ITEMS SUPPLIED AS STANDARD

- Set of cutlery and crockery for 8
- Set of crystal glasses
- Set of towels (8 large, 8 hand)
- Fenders (8) and warps (4)
- Ensign staff with pennant
- First aid kit
- Boathook
- Owner's manual and engine manual
- Quilted bedspreads for beds in all cabins (except crew cabin)
- Electric vacuum cleaner in dedicated storage compartment
- Cockpit cover
- Ship's document case