



## JEWEL

LOA: 67' / 20.4m  
 Year: 2005  
 Beam: 18'4" / 5.6m  
 Draft: 9'10" / 3m  
 Displacement: 34,473kg / 76,000lb  
 Hull Material: Aluminium  
 Engine: 1 x Yanmar Turbo 4LHSTE  
 230hp

Designer: Van de Stadt  
 Builder: Aluminium & Steel Boats  
 (Australia) PTY. Ltd  
 Location: Lymington, UK  
 Price: £495,000 + VAT



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 Yachthandels GmbH  
 Rübekamp 5  
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### Broker's Comments:

JEWEL is a powerful blue water cruising yacht built of aluminium with a fabulous deck saloon the size of which you would normally expect to find on an 80 footer and interior steering. She has a high gloss teak interior with great accommodation for her owners and 4 guests, as well as potential for separate crew accommodation forward if required. She has a spacious cockpit, twin wheels and a splendid engine room. After build in 2005, she was substantially refitted in the USA in 2009. She is now available following a refit at Berthon Boat Company. Work undertaken includes –

New teak decks to ring deck and cockpit. This is a 12mil Moody Teak decking systems deck. After the removal of the original deck, the aluminium subdeck was repaired and re-faired in some areas where corrosion was apparent. Any damage to the Awlgrip paint system on the gutters or superstructure was rectified.

The mast was unstepped, undressed and the rod rigging was NDT tested. This testing revealed wear to the D4 rod which was replaced. The rig was then cleaned and reassembled.

The rudder was dropped for inspection. It was drained of water and sealing bungs fitted. It was primed, undercoated, repainted and refitted to JEWEL.

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The exterior varnish work was refinished and the toe rail was stripped and left in a natural condition to match the new teak deck.

The Maxprop was serviced and burnished.

All seacocks were thoroughly serviced.

Small repairs were made in the main bilge where there was some local corrosion around the mast step area.

JEWEL is now good to go and her new owner will benefit from this remedial work as well as stunning new decks.

### **Construction:**

*Overall Measured Length: 68'7" including 2' pulpit*

#### *Hull, Deck & Superstructure Construction:*

- Hull and deck repainted 2009; hull flag blue awlcraft; deckhouse matterhorn white awlcraft, some areas refreshed (2014).
- Hull constructed from aluminium plate, 7mm and 5mm on 400mm frame spacing.
- 1700mm freeboard, including 150mm bulwarks with teak capping.
- Watertight bulkhead at chain locker and aft of large sail bin/storage bin/crew quarters; entry to this is via two large deck hatches.
- Bottom painted in international micron extra black.
- Opening port lights along top edge of hull are fitted with dead lights and provide ventilation at berth/anchor and additional natural lighting.
- Opening transom door (hydraulic) provides access to dinghy bay. The door provides a swim platform in down position with substantial boarding ladder with guide rollers for dinghy retrieval.
- Deck is constructed from 5mm aluminium plate on 400mm frames with 16mm laid teak on side decks, forward and aft decks, and cockpit areas.
- Teak capped bulwark in natural teak and cockpit raised in gloss varnish (2009).
- Teak deck was replaced in 2014 by Berthon including the preparation and resealing of the subdeck. A 12mm Moody Teak Decking Systems deck was used.
- Pilothouse has full wrap around windows made from laminated solar guard tinted plate glass; scrim for windows.

#### *Keel & Rudder:*

- Integral 3m fin keel with anvil/bulb base and single skeg rudder for excellent maneuverability and sailing performance.
- The rudder was dropped, drained of water, refitted and painted (2014).

### **Machinery:**

#### *Engine & Gearboxes:*

JEWEL is powered by the 230hp Yanmar Turbo engine which enables the 26" 3-bladed max prop to push her to a cruising speed of 8-9 knots with a maximum speed of 11 knots. A 16kw Northern Lights generator, a 2.5kw inverter

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and a 2000 amp battery capacity supply electrical power. She is fully wired for 230v and has 6 x 80 amp Mastervolt chargers plus a 270 amp engine driven alternator for the house batteries.

- 1 x Yanmar Turbo 4LHSTE 230hp.
- Diamond plate in engine room (2009)

#### *Maintenance & Performance:*

- Engine Hours: Approximately 642 hours as of 10/04/12.
- Cruising Speed: 9 knots.
- Maximum Speed: 11 knots.
- All sections fully serviced 2014.

#### *Propulsion & Steering:*

- Whitlock Mamba electric drive motor attached to B&G autopilot.
- Max prop serviced 2014 and burnished; cutlass bearing checked. All new zinc anodes.
- Tunnel, hydraulically powered, thruster is located in the bow sections for easy maneuverability when berthing. Thruster has dual 300mm propellers with full proportional control from all steering positions.
- PTO on Northern Lights generator supplies hydraulic power for bow thruster.

#### *Other Mechanical:*

- 1 x Vicker hydraulic power pack consisting of 2 x 12v pumps, gen set PTO driven pump, stainless steel reservoir, silencer, manifold and control valves, auto load sensing controls, PLC control and monitoring system.

### **Electrical Systems:**

#### *Voltage Systems:*

- DC and AC outlets to all areas.

#### *Battery Banks:*

- 12v DC 2000ah capacity house gel batteries (traction batteries).
- 12v DC 600ah capacity communications/electronics gel batteries (traction batteries).
- Group 31 starting battery for engine.
- Group 31 starting battery for generator.

#### *Battery Chargers:*

- 6 x 80A Mastervolt mains chargers.
- 1 x 40amp charger for engine and generator batteries.

#### *Alternators:*

- 270A 12v Engine driven alternator.

#### *Generator:*

- 230v AC/50Hz 16kw Northern Lights generator and universal shore power connection.
- Generator Hours (1596 hours).

#### *Shore Power:*

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- 1 x 50 amp 240v 50' shore power cord.
- 1 x 50 amp 240v 25' shore power cord.
- 1 x 32 amp 60' euro shore power cord.

*Other Electrical:*

- 2kw Mastervolt inverter for microwave, TV and power tools etc.
- Battery panel switch.
- 32 amp 230v Isolation transformer.

**Plumbing Systems:**

*Fresh Water & Water Heating System:*

- 2 x Groco Paragon Snr 44 litre per minute fresh water pumps.
- 1 x Groco Paragon Snr 44 litre per minute salt water pump.
- 1 x Jabsco clutch pump 100 litre per minute salt water pump (engine driven).

*Watermaker:*

- 1 x HRO water maker – 2000 litres per day.

*Bilge Pumps:*

- 1 x Rule 260 liter per minute 12v automatic bilge pump. □ 2 x Danfos SS high volume automatic 230v bilge pumps.
- 12v Bilge pump in crew cabin.

*Grey & Black Water:*

- 2 x Sealand 12v discharge pumps for black and grey tanks. Selectable deck and overboard discharge.

**Tankage:**

*Fuel:*

- Total capacity of 3000 litres in 2 x tanks.
- 1 x Fuel transfer pump (12v gear type); spare carried.
- 1 x Day tank. Total capacity of 500 litres.

*Fresh water:*

- Total capacity of 2000 litres in 2 x tanks.

*Grey/Blackwater holding tanks:*

- Total black water capacity of 500 litres. □ Total grey water capacity of 500 litres.

**Navigation Equipment:**

- 48 NM Raymarine radar with AIS 250 receiver (2008).
- 2 x Raymarine GPS 125.
- 3 x E80 displays; one for each helm position (2008).
- 1 x E120 at navigation station (2008).
- SEEME active radar amplifier (2008).

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- Sailor F250 Fleet Broadband Sat telephone system with wireless router (2008).
- Sailor GMDSS Sat C with 2 x distress buttons TT3000E (2008).
- Raymarine chart plotter E series (2008).
- B&G Hydra system with displays at each helm position, navigation station and forward stateroom.
- Raymarine DSM 300 depth sounder (2008).
- Nera World Sat phone/fax.
- Icom 602 DSC VHF with remote speaker/mic at helm.
- B&G autopilot computer coupled to whitlock mamba electric drive motor.

**Domestic Equipment:***General:*

- Clothes washer and dryer in shared heads compartment.

*Galley:*

- Force 10 LPG 4-burner cook top with oven and grill.
- Microwave and range hood-galley extractor.
- Double stainless steel sinks.
- Separate food and drink refrigerator.
- Freezer.
- Icemaker.
- Two complete sets of galley glassware, dishes, cookware and utensils.

*Heads/Shower:*

- 3 x 12v Shower sump pump in heads compartments.
- 3 x Sealand vacuum flush toilets and systems and complete spares.

*Heating & Ventilation:*

- 12v fans throughout.
- Air conditioning throughout.
- Air conditioning controls located in upper saloon.
- 1 x Marine Air engine driven refrigeration system.
- 1 x Marine Air 230v 1hp refrigeration system.
- 2 x Marine Air 24,000 BTU chiller units, 230v driven (2009).
- 4 x 12,000 BTU air handlers.
- 2 x Engine room in-line ventilation air blowers.

*Entertainment:*

- Flat panel TV and DVD player in upper saloon.
- Bose surround sound music center in upper saloon.

*Lighting:*

- Main overhead lighting throughout is recessed Cantalupi Halogens with dimmers control by Berker wall switches.
- Cantalupi reading lights in cabins.
- Courtesy lights for stairways and red night lighting.
- 12v halogens and 230v florescent tubes in engine room.

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- Cantalupi recessed halogen for deck lighting.
- Aqua Signal navigation for deck lighting.

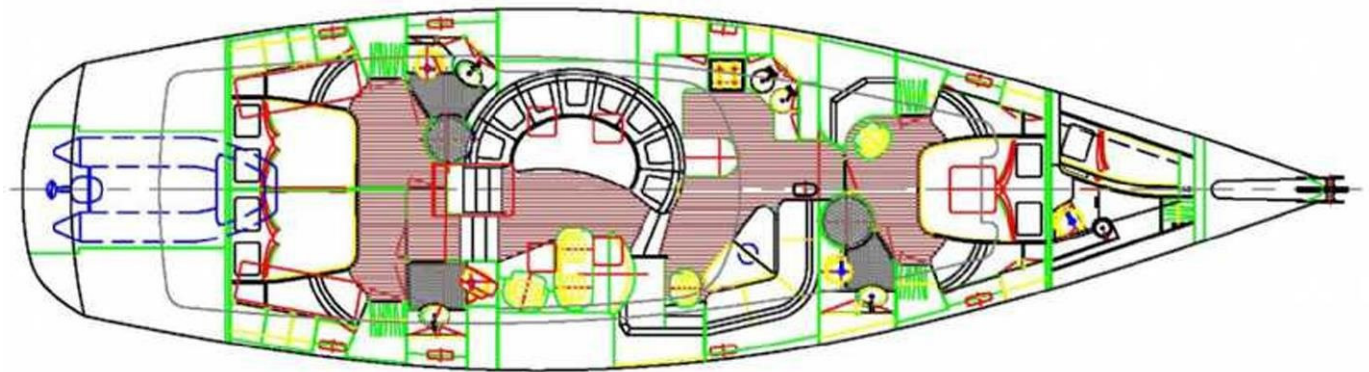
### Accommodation:

#### Summary of Accommodation:

Her three cabin layout and raised deck saloon provide ample natural light, abundant accommodation and entertainment areas with 360 degree views. The raised saloon also accommodates an inside helm station with state of the art electronic equipment; both there and at the navigation station immediately below.

- Teak paneling with solid teak trim high gloss urethane throughout.
- Teak and beech cabin sole throughout.
- Teak floor grates in heads with gold pearl essence urethane cabinet surfaces.
- Corian counter tops in galley and heads to match exotic high quality finish.
- Teak dinette table in lower saloon and pilothouse saloon both with inlay surfaces.
- Teak chart table and instrument mounting surfaces. □ Beige leather seating in saloons and cabins.
- Ostrich beige/white cloth on vertical cabin surfaces.
- Off white foam backed vinyl head lining on 400mm wide paneling for easy removal.
- Color coordinated bedding and throw cushions in blue and gold tones.
- Custom round showers in heads with curved plexi doors. □ Two complete custom sets of sheets, linens and towels. □ Protective padded table covers.
- The aft cabins have light prisms inserted into the cockpit sole.

#### Internal Layout:



#### Description of layout from forwards:

##### Crew Cabin Forward:

- Dedicated deck entrance.
- Over and under crew berths.

##### Master Stateroom:

The forward master stateroom, complete with island double bed, has ample storage and is fully air conditioned. It has its own en-suite head with circular stall shower. Cleverly incorporated into the stateroom is also an office, complete with desk.

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- Office desk converts to a small child's berth.

*En-suite Heads Compartment:*

- Teak grates.
- 12v Shower sump pump.
- Custom Lighting.
- Air conditioning.

*Guest Stateroom Port:*

The port, aft guest stateroom has a double bed, with a bedside seat, ample storage and air conditioning.

*En-suite Heads Compartment:*

- Teak grates.
- 12v Shower sump pump.
- Air conditioning.

*Guest Stateroom Starboard:*

The starboard, aft guest stateroom has a double bed, lots of storage, air conditioning and shares a common water closet. There is a clothes washer and dryer in the water closet.

*En-suite Heads Compartment:*

- Teak grates.
- 12v Shower sump pump.
- Air conditioning.

*Upper Saloon:*

The main saloon features an excellent entertainment area with open plan construction to accommodate 12-14 people. The raised deck provides a 360 degree panoramic view. Lighting and fabrics are selected for neutral background effect to highlight the teak interior. There is a raised leather upholstered oval shaped settee and table with abundant storage behind the settee seat backs and custom covers for the saloon table. The saloon is fully air conditioned.

- Flat panel TV and DVD player.
- Bose surround sound music center.
- Air conditioning controls.
- Saloon upper and lower tables convert into bespoke double berths.

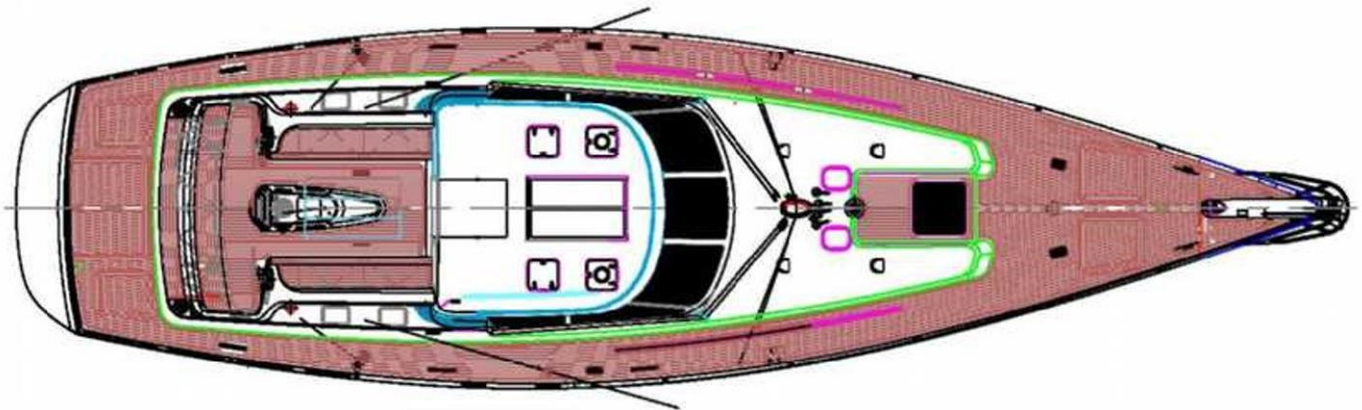
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**Cockpit:**

There are 2 x external wheels and an internal joystick operating a single skeg rudder. Maneuverability, especially in close quarters is very good when the bow thruster is used.

- Cockpit cushions (2009).
- Deck awning (2008).

**Deck Equipment:****Rig:**

*Note: The rig was hauled, undressed, cleaned, and the rod was NDT tested with D4 rod replaced and re-assembled in 2014.*

**Halyards:**

- 2 x Genoa (1 x mid mast tension) 17mm spectra.
- 2 x Spinnaker 17mm spectra.
- 1 x Main (2.1) 14mm spectra.
- 1 x Topping lift (spare main) 14mm spectra.
- 1 x Pole uphaul/staysail halyard 17mm spectra.
- 2 x Dedicated 17mm braid on braid with HR fast shackle preventor lines.
- Reef lines 1, 2 and 3 16mm spectra (2009).
- 2 x Genoa

**Sheets:**

- 2 x Genoa 17mm spectra (2009).
- 2 x Staysail 14mm spectra (2009).
- 1 x Main 14mm spectra 2:1 ratio (2009).
- 2 x Spinnaker 17mm spectra spinnaker sheets (2009).
- 2 x Spinnaker guys 12mm spectra.

**Standing Rigging (Southern Spars – New Zealand):**

- 60 Rigana rod rigging (2009), fully NDT tested 2014 and D4 replaced
- Mast repainted (2009); dedicated trysail track, dropped, undressed, checked and redressed 2014 □ Aluminium (from Whitbread 60 stock); tapered.

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- 3 spreader; swept back. □ Ligano Ni60 rod rigging. □ Braid protected vention fixed inner forestay (2008).
- Removable hydraulic jacks for stepping.
- Mast equipped with Navigation lights; Foredeck work light; Down spreader lighting; Radar and satellite phone antenna; Multi antenna for VHF, TV and GSM phone; Fog horns; Steps at base; Windex with light; Tank vents; Hydraulic lines and all cabling.
- Hydraulic Cunningham.
- Harken 3.5 hydraulic headsail furler.
- Backstay fitted with dual hydraulic cylinder tensioners (all hydraulics by Navtec).
- Boom repainted 2009.
- Spinnaker pole repainted 2009; new leather and trip line.
- Carbon fiber tapered ends with Sparcraft outboard end and double ended trip release system.
- Pole stowed on mast.
- Jockey pole (2008); painted and leathered.
- Hydraulic jack and pump for mast; serviced November 2009 with new seals.
- Airtight case for hydraulic jack and emergency fuel pump.

#### *Sails:*

- North Spectra Gatorback carbon main (2009). □ North Spectra Gatorback staysail (2008).
- North 1.5 Norland Tri radial spinnaker (2008).
- North .75 Norland Tri radial spinnaker (2008).
- North Spectra Gatorback 120 genoa.
- North 1.5/.75 Norland gennaker. □ UV protection on leech and foot.

#### *Storm Jib:*

- 10.8 oz. Nordac Dacron.
- Velcro hanked to inner forestay.

#### *Trisail:*

- 10.8 oz. Nordac Dacron.
- Separate Trisail track on aft portside of mast.

#### *General:*

- Windex light.
- Anchor light.
- Tri-colour light.
- Aluminium flat deck, equipped with 3 reefs, hydraulic outhaul, lazy jacks, cockpit and transom door lighting.
- Inset cockpit flood lights.
- Inset aft deck light.
- Inset Bose speakers; Spectra uncoated fast use preventer (2009).
- Plexiglass is used for main sliding hatch and storm boards.
- Rondal flush deck hatch on foredeck area provides access to main stateroom and 4 x Gebo hatches serve the main upper saloon.
- Custom carbon folding 3m gangway/passarelle with padded storage bag.
- Magma stainless steel propane barbeque.
- 4 x Stainless dorade vents (removable).
- Fresh water deck washdown.

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*Anchoring & Mooring Equipment:*

- 8 x Avon large blue inflatable fenders with fleece covers.
- High speed 12v inflator for fenders.
- 1 x CQR 36kg stainless steel anchor on 13mm galvanized chain.
- Chain operated from the cockpit or bow using Lewmar hydraulic windlass.
- Electronic chain computer with readout at helm and navigation station.
- 0.05 meters of chain also controlled and counted from inside helm position.
- 1 x Fortress aluminium danforth 25kg anchor on 25mm nylon line loom doubled as tow line.

*Covers, Canvas & Cushions:*

- Canvas covers □  
Sail cover.
- Winch covers.
- Navpod covers.
- Wheel covers.
- Forward flush hatch.
- Outboard cover. □ Barbeque cover.
- Main hatch cover.
- Mast boot.

*Tender & Outboard:*

Opening transom door (hydraulic) provides access to dinghy bay, which houses a 10' hard bottom inflatable dinghy and 15hp Yamaha outboard motor.

- Forespar cargo mate outboard motor davit.

*Safety Equipment:*

- MCA Cat 2 commercial rated.
- 1 x 6 man ocean liferaft (inspected November 2009). □ 1 x 8 man ocean liferaft (inspected November 2009) □  
1 x 406/121 EPIRB with integral GPS interface.
- 2 x Jon Buoy MOM.
- 2 x Jon Buoy inflatable horse shoe buoys.
- 1 x Jon Buoy don buoy.
- 2 x Ocean safety MOM throw lines.
- 2 x Liferaft grab bags with SOLAS B equipped.
- 1 x Water proof ditch bag with 12 TPA thermal protective aids (in date).
- 2 x Offshore flare packs.
- 1 x RORC flare pack, Royal Ocean Racing Club, in date.
- 1 x DEFIB with oxygen (2008).
- 1 x Set of hydraulic rig cutters.
- Manual emergency fuel transfer pump.
- 6 x Life jackets.
- 1 x Kim safety ladder.

*Fire-fighting equipment:***Disclaimer**

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- 1 x Sea-fire FM-200 automatic fire extinguishing system with engine shutdown and override controls. □
- 2 x 4kg dry powder extinguishers.
- 4 x 1kg dry powder extinguishers.
- 1 x 1.5kg dry power extinguisher

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