

Sarissa

AT 42M, THE LATEST LAUNCH FROM DUTCH YARD VITTERS IS THE LARGEST CARBON SLOOP EVER BUILT IN THE NETHERLANDS — AND ONE OF THE LARGEST IN THE WORLD

CLAIRE YOUNG REPORTS

VITTERS SHIPYARD



Louis Hamming
Managing director, Sarissa is our third carbon superyacht and illustrates our ability to build performance yachts in both aluminium and carbonfibre. We took just 11 months to

transform the Green Marine-built carbon hull in time for delivery this summer. Strict weight control was aided by using Nomex cores to create simpler, lighter structures.

We chose British contractor Green Marine because it leads the way in carbon pre preg construction and — because we believe that the Dutch sector is a world leader — we were happy to work directly with Dutch suppliers.

Brouwer was the right partner for navcom because Sarissa was a project that matched their expertise in large performance vessels.

Ruiter Quality Interiors is well known for its lightweight interiors, and as we had an exacting build brief we felt it was the best contractor to handle Sarissa's Rhoades Young interior.

This project confirms our ability to create carbon superyachts and we are very pleased to say we have scheduled the new build of another carbon sloop next year — a 110ft Briand design.



ELECTRICAL SYSTEMS

Henk Brouwer
Director, **Piet Brouwer**
Electrotechnology

We have delivered and installed all of Sarissa's electrical systems, navigation and communications systems, lighting and entertainment systems. There is always limited space for working — and huge complexity — on all sailing superyacht projects, so we had to use all of our experience and flexibility to complete the contract successfully.



HULL FABRICATION



Marcel Müller
Managing director
Green Marine

We worked mostly with Gurit's SE84 epoxy which cures at around 80°C. The carbon fibre is standard modulus T700 fibre but for some applications we used high modulus fibres. On racing yachts we tend to use unidirectional fibre, but on cruising yachts like Sarissa we prefer to use woven fabrics.

Our materials were supplied by Gurit, ACG, SGL and Cytec.

MAST AND RIGGING

A 56m modulus carbon mast with furling boom from Southern Spars. The standing rigging is made from EC6+ continuous carbon

INTERIOR DESIGN

Curved corridors lead from the main salon into circular foyers. The aft accommodation has an owner's suite, guest suite and children's cabin connected to a nanny's quarter. Forward of the main salon stairs lead to the lower salon, private office and dining room — a wall of which can be removed to merge the space with the galley



INTERIOR FIT-OUT

Joop de Ruiter
CEO, Ruiter Quality Interiors

Sarissa's complex range of materials (such as rosewood and walnut combined with leather, metals and carbon fibre) meant she was a challenging project. We were pushed to the limit in our use of innovative materials to accomplish her lightweight interior. But we're happy that we've met the expectations of the owner.

EXTERIOR DESIGN

Designed for adventure cruising in the Pacific and racing in Australia, Sarissa has been styled with a clean and modern look on deck and a family friendly layout below deck. The aft cockpit can be transformed into a swimming pool and the main sheet has been placed on an arch spanning the cockpit to keep the deck clear

SARISSA SPECIFICATIONS

TECHNICAL DETAILS

- ▶ **Length overall** 42.6m (138ft)
- ▶ **Beam:** 8.6m (28ft)
- ▶ **Draft:** 4m (13ft) keel up/6.2m (20ft) keel down
- ▶ **Ballast:** 38t
- ▶ **Hull:** Carbon composite by Green Marine
- ▶ **Mast height:** 56m (184ft)
- ▶ **Main engine:** Caterpillar C12, DI-TA, C-rating
- ▶ **Power:** 490 bhp (366 kW) at 2300 rpm
- ▶ **Fuel capacity:** 12,000lt
- ▶ **Naval architect:** Bill Tripp Naval Architecture

- ▶ **Interior architect:** Rhoades Young Design
- ▶ **Owners' representative:** Jens Cornelsen
- ▶ **Electrical system:** 230/400 VAC - 50Hz three-phase, seamless transfer
- ▶ **Generators:** Kilopak, 2x 50 kW (1,500rpm-50Hz)
- ▶ **Shore connection:** One shore converter 190-480 VAC - 45-65Hz - 36 kVA
- ▶ **Firefighting system:** Novec system for Engine room

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