

## Yanmar Powers All Timber Cruising Smack

In creating the beautiful timber cruising smack “Jane” as a tribute to his late wife, Christopher Sinn committed himself to achieve absolute quality from stem to stern. His choice of a Yanmar 4JH4-HTE marine diesel engine to power “Jane” exemplifies his nothing-but-the-best approach.



“Jane” is a 14.3m all timber vessel built by Tim Phillips and his team at the Wooden Boat Shop at Sorrento in Victoria.

This is a cruising boat that has the design strength and sailing capability to cruise anywhere in the world in style, comfort and safety.



While “Jane” has plenty of performance under sail, she’s also more than capable for extended periods of cruising under power. “Jane” displaces 20 tonnes, has a generous beam of 4.5m and carries 111 M<sup>2</sup> of sail. For this specific application, Christopher Sinn settled on a middle-of-the-recommended power range engine to install mid ships, a Yanmar 4JH4-HTE.

The Yanmar 4JH4-HTE is a 4 cylinder, 4 stroke marine diesel engine with a displacement of 1.995 litres. An intercooler is integrated into the turbo charged induction system. Peak power of 110mhp is achieved at only 3200 rpm.

Highly rated amongst boaters as a powerful yet light-weight engine, the Yanmar 4JH4-HTE is the ideal engine for vessels such as the “Jane”. It is whisper quiet and has a compact installation envelope. Low noise combined with low emissions and low vibration is everything that a cruising boater needs.

Built from Cedratta, Iroko and Kauri timbers, Christopher Sinn and his adult children each took an active involvement in all aspects of the design and construction of “Jane”. Christopher Sinn worked on the hull throughout the two year build process, encouraged by Tim Phillips to work at the Wooden Boat Shop whenever he was able to. This ended up being most weekends for two years.

Christopher’s son is an experienced architect, and together with Tim Phillips, a unique interior design was created.



“My son was able to look at the layout of the cabin and bring subtleties to the design which created more space,” Chris said.

“He and Tim Phillips complimented one another very well and some of the ideas incorporated into “Jane” have been adopted in boats subsequently built at the Wooden Boat Shop.”

“My daughter in law is a graphic designer and she contributed through her flair with colours, the choice of galley items and even our own “Jane” stationery.”

The outcome is a stunning vessel. It is in the living and entertaining areas that the true brilliance of “Jane” shines through. The main cabin is amazingly open and spacious, yet contains a dedicated navigation station, library, wood heater/stove and a curved settee that seats six.

For’ard is the owner’s cabin, featuring a double bunk with separate head/shower. Aft is the pilot house which opens out to a large self-draining cockpit. “Jane” has the capacity to sleep seven. Incredibly she is an exceptional day boat yet excels equally as a long distance cruiser.

Owner Christopher Sinn has thus far restricted himself to long weekends on Port Phillip Bay. His run across Bass Strait from Sorrento to Hobart for the Australian Wooden Boat Festival, was his first big trip across open water.

“I have no doubt that I could live aboard “Jane” for three weeks at a time,” said Christopher.

“I have 800 litres of water and 800 litres of diesel on board. On the trip down to Hobart I motored all the way on the Yanmar 4JH4-HTE achieving 7 knots with the engine running at 2200 rpm. Fuel consumption was 4.5 litres per hour, a very creditable performance considering that “Jane” displaces 20 tonnes.”

“The trip across Bass Strait went smoothly. Although we had some difficult conditions at times, the hull tracked exceptionally well and the Yanmar never missed a beat.”

Under fair weather conditions, the Yanmar fuel burn will provide “Jane” a useful range of about 1000 Nm. With the Yanmar 4JH4-HTE on board, Chris can be assured that irrespective of wherever he goes in the world, Yanmar technical support is close at hand from any major port.

In addition to the Yanmar 4JH4-HTE installed under the pilot house floor, Christopher also has a MASE I.S. 3.5 generator fitted in the same space. The MASE generator delivers ample power to drive the navigation system, equipment in the galley and other on-board needs.

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**Relevant web links:**

Power Equipment

[www.powerequipment.com.au](http://www.powerequipment.com.au)

Yanmar 4JH4-HTE

<http://www.powerequipment.com.au/products/sailing-engines/sailing-engines/jh54t-series-saildrive-39-75mhp/>

MASE I.S. 3.5

<http://www.powerequipment.com.au/products/marine-generators/mase-generators/>

The Wooden Boat Shop

<http://www.woodenboatshop.com.au/>

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Power Equipment is the exclusive and authorised Australian, New Zealand, Papua New Guinea and South Pacific Distributor of Yanmar Marine and Industrial diesel engines, JCB DieselMax, MASE diesel marine generators, Gori high quality folding sailboat propellers, PSS Shaft Seals, and Northern Lights Gen Sets.

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