

Video of the Week – How to squeeze a catamaran into a single berth

Receiving a special prize in the previous igus vector awards, FUTURA Yacht systems was recognised for its truly unique yacht concept. It is the world's first variable-width high-sea catamaran built using igus components.

“These double-hull boats always need two adjacent berths in the harbour – which is very expensive and usually impossible to book in the peak season,” explains e-chain director Justin Leonard. “Lifting these double-hulled vessels out of the water is also extremely difficult, since there are only a few cranes available that can accommodate widths of up to eight metres.”

In this week's video, we see how the patent-protected system, adjusts the width of the high-sea catamaran to just 4.85 metres. This enables it to use the infrastructures of single-hull ships in the harbour. A combination of E04 series energy chains and linear guides from the drylin family offer all the necessary characteristics to deal with the torsion load and realise adjustment perfectly.



Don't forget, applications for this year's vector awards can be submitted online (www.igus.co.uk/vector), by filling in a simple form with a design brief and description of the energy chain application. Supporting photos and videos can also be uploaded. The closing date for entries is 23rd February 2018.

To watch the video, please visit: www.igus.co.uk/specialvectorfutura or call igus directly on 01604 677240.

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About igus:

Based in Northampton in the UK and with global headquarters in Cologne, Germany, igus is a leading international manufacturer of energy chain systems and polymer plain bearings. The family-run company is represented in 35 countries and employs approximately 3,000 people worldwide. In 2016, igus achieved sales of 592 million euros with motion plastics, plastic components for moving applications.

With plastic bearing experience since 1964, cable carrier experience since 1971 and continuous-flex cable since 1989, igus provides the right solution based on 100,000 products available from stock with between 1,500 and 2,500 new product introductions each year. igus operates the largest test laboratories and factories in its sector to offer customers quick turnaround times on innovative products and solutions tailored to their needs.

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