

ShipBuilding

i n d u s t r y

HONDARRA

BUILT FOR PURPOSE DREDGER

FENDER INNOVATIONS

TAILOR MADE FOR PERFECTION

Cathelco

ICCP SYSTEMS TO COMBAT CORROSION



TAILOR MADE FOR PERFECTION

Fender Innovations

FENDER INNOVATIONS IS READY FOR THE FUTURE WITH THEIR REVOLUTIONARY, IN-HOUSE DEVELOPED FENDER SYSTEMS. FENDERS PRODUCED ARE LIGHTWEIGHT, seamless and available in all shapes and sizes with different dampening characteristics to fit individual requirements of any vessel.

Fender Innovations has its focus on a wide variety of different marine applications. No matter the vessel, all fenders produced are lighter and stronger than existing fender systems, leading to operational cost savings. All materials used are of high quality and fully adapted to specifications. They can build fenders with seamless bends, resulting in an elegant design and appearance. The flexibility during manufacturing process offers customers an unlimited spectrum of choice for shape and size.

Small Company, Big Potential

Fender Innovations began operating in May 2012 with two employees. Since then, the company has seen tremendous growth and

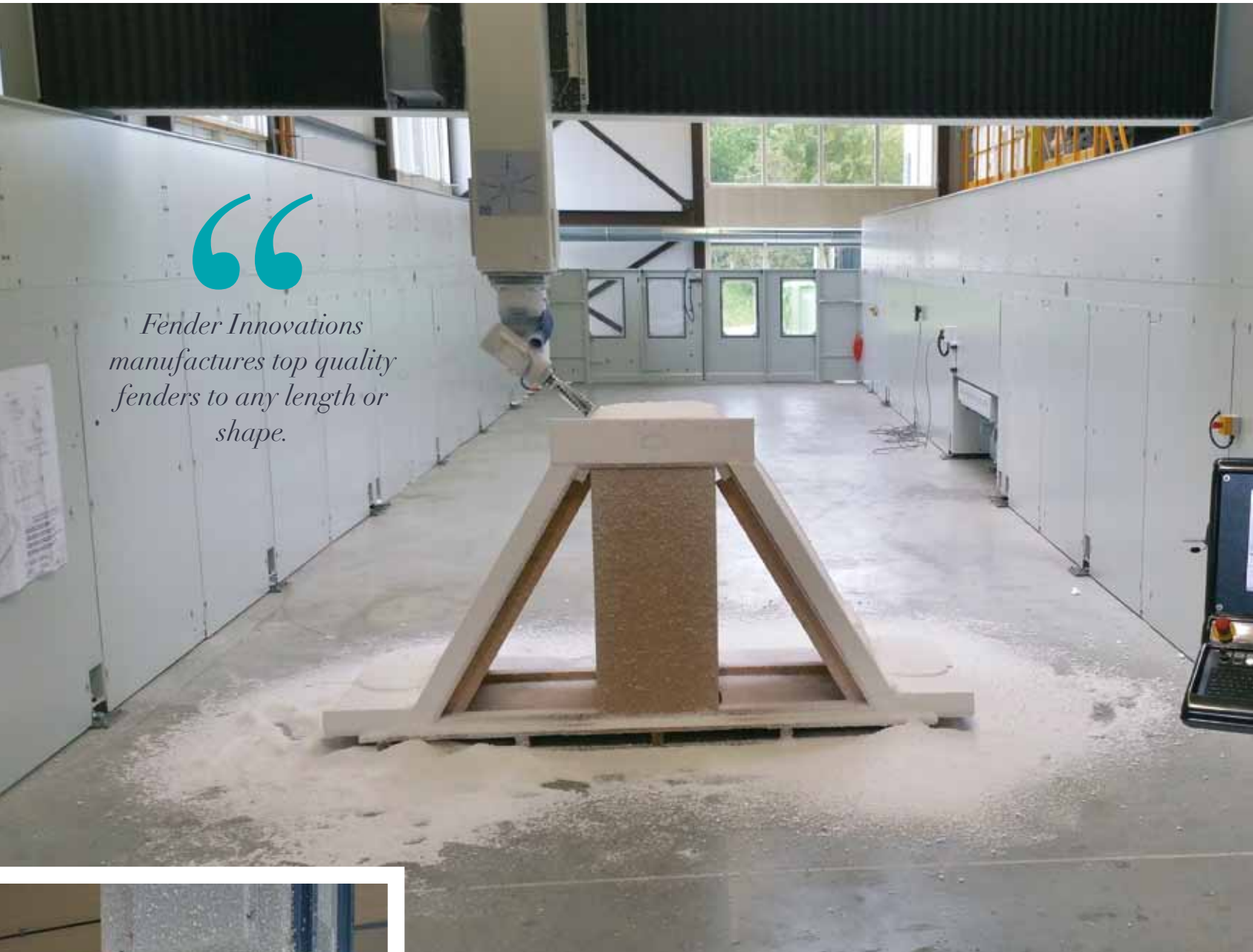
currently employs a total of eighteen people. To keep up with customer demands, they have moved locations three times. The most recent move, in September 2015, was to the new plant located in Wieringerwerf, the Netherlands. This move tripled their space to accommodate required equipment and increase productivity. Fender Innovations products have been installed on everything from fast rescue and support vessels to tenders, offshore supply ships and research and survey vessels.

Innovative Product

The reason for such growth over the last three years can be attributed to the product itself. Fender Innovations produces a fender >>



Fender Innovations manufactures top quality fenders to any length or shape.



that is of remarkable low weight when compared to other fenders on the market. Their fenders are built with a cross-linked PE foam core making them up to twelve times lighter than traditional rubber fenders. The seamless corners and customised fit give the fenders a sleek design and also improve protection, dampening, and wear and tear characteristics.

The fenders manufactured can be made in any shape and length. Fenders can be delivered in any profile from a 2D or 3D cad drawing, or from a template for new builds and retrofitting. By adjusting the parameters of the different materials, the fender has an improved contact area and is highly adaptable to the hull shape and intended vessel usage. The preferred way of fitting a fender to a vessel is bonding to the hull,

since this is the fastest and easiest method. Besides some existing alternatives, Fender Innovations can also develop a custom mounting option to best suit the application. Their fenders will not absorb water, making it easy to do an emergency repair to prevent further damage and maintain optimal performance.

Personal Touch

Each and every fender manufactured by Fender Innovations is unique. In consultation with the client, Fender Innovations discusses in detail the operating conditions and purpose of the vessel. Following this, the specification for the fender is created. Fender Innovations adjust the specifications per project to suit individual requirements.



Fender Innovations provides a full-service package including mounting services, available worldwide for customers. They have a development team to help with the design and dimensioning of the fender system. For example, for customers who have an older vessel with no drawings, Fender Innovations can send a team member to the client's location to take measurements, produce the drawings and then produce the fender.

Investing in the Future

In addition to the new location, Fender Innovations has recently commissioned a large five-axis CNC milling machine. This new machine is the largest of its kind for producing fenders. It has a milling range of 18.5 metres and provides highly accurate



measurements. The new machine does not replace old equipment but is a welcome addition to their plant and offers unprecedented possibilities for fender fabrication. Fender Innovations can produce one-piece fenders up to 15 metres in length, something not offered by any other supplier. They also boast two double-coating booths to offer different top-coats and the possibility for logos and text to be placed on the fenders.

In-Demand Supplier

Since they began, Fender Innovations has been busy filling orders of any size and for all types of vessels. One of their original customers was Royal Dutch Lifeboat Company (KNRM). Soon after, Fender Innovations was awarded a contract from the English Royal National Lifeboat Institution (RNLI) for fenders for 50 Shannon Class all-weather lifeboats. For such hard working vessels, Fender Innovations not only provides the fenders, but can also provide the hull coating to protect the wear and tear on the lifeboat itself. They also recently finished an order for Fassmer in Germany, for 56 fenders for lifeboats on cruiseships.

With their skilled team of highly motivated professionals, Fender Innovations is able to keep up with the demand for their product. The recent move did not have an impact on production resulting in a smooth transition to the new workplace with no downtime. With a full order book and long standing

Fender Innovations won an Innovations Showcase award at Seawork in 2012 for its revolutionary fender system. Since then, the company has grown and is now delivering its fender systems to more than 22 countries, for use on patrol boats, police boats, superyacht tenders, workboats and research vessels.

customers, Fender Innovations has proven itself as a hard working and successful company. They offer tailor-designed and produced fender systems specifically adapted to the field of operation, with minimal weight and long lasting durability. The new location and the investment in new equipment means they are ready for the future and ready to keep up with their growing business.

i. www.fenderinnovations.nl