

## Video of the Week – How to install a safe shore power supply

Port authorities are looking into new ways to supply ships with shore power, as opposed to using their diesel-driven generators, in a bid to reduce CO<sub>2</sub> emissions. In this week's video, igus introduces an innovative modular cable feed system. Easily installed at defined mooring points, the system enables the safe supply of energy, thanks to an extendable energy chain and highly flexible chainflex cables – also available DNV GL certified.

The modular and compact system is fixed to mooring points in the harbour and has an extendable swing arm that bridges the distance to the ship. This allows the crew to easily connect the shore power to the vessel. The arm movement and the extension of the energy chain of 10 metres and more are carried out by an integrated electric drive system. This can be controlled via a control panel on land or alternatively with a remote control on-board. The three-dimensional triflex energy chain ensures safe tidal range compensation. The first three e-chain dispensers from igus have already been successfully installed near Bergen, Norway.



The compact shore power solution fulfils the requirements of the IEC 80005 standard. To watch the video showing how the modular cable feed system works, please visit: [www.igus.co.uk/echaindispenser](http://www.igus.co.uk/echaindispenser) To find out more about igus, visit [www.igus.co.uk](http://www.igus.co.uk) or call igus directly on 01604 677240.

### igus resources:

-  LiveChat with our technical team at [igus.co.uk](http://igus.co.uk)
-  Follow us at [twitter.com/igusUK](https://twitter.com/igusUK)
-  Watch our videos at [igus.co.uk/YouTube](http://igus.co.uk/YouTube)
-  Connect to us at [igus.co.uk/Facebook](http://igus.co.uk/Facebook)
-  Read our blog at [blog.igus.co.uk](http://blog.igus.co.uk)

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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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**For further information, please contact:**

Megan Campbell, igus

Tel: 01604 677240

Email: [mcampbell@igus.co.uk](mailto:mcampbell@igus.co.uk)

Sumbul Baig, Technical Publicity

Tel: 01582 390980

Email: [sbaig@technical-group.com](mailto:sbaig@technical-group.com)