

## Video of the Week – How e-chains help guide and protect cables and hoses

When cables and hydraulic lines connect to a moving machine component, such as a telescopic loader, there are several ways to allow the movement. While the easiest is to simply allow slack hose, this method can lead to excess flexing, premature hose wear, and damage from pinching or catching on the equipment or working area. The use of hose reels is another possibility, but generally they are useful only for single lines and these also offer no physical protection for the hose.

In this week's video we see a more effective approach is to use a cable and hose carrier that forms a flexible guide for multiple lines, preventing them from tangling, whilst carrying and guiding the services with a smooth, rolling action. Made from engineering plastic, igus energy chains are inherently resistant to



corrosion and weathering, and the best types are unaffected by exposure chemicals and oils, and even UV light. They have also been proven, by exhaustive testing and in the field, to function reliably even at extreme temperatures and in adverse weather conditions.

To watch the video of how the energy chains guide and protect cables and hoses on a telescopic loader, please visit: <http://www.igus.co.uk/roboticscranevotw>

For more information about energy chains please visit: [www.igus.co.uk/e-chains](http://www.igus.co.uk/e-chains) or call igus directly on: 01604 677240

### igus resources:

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

**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 3.800 people around the world. In 2017, igus generated a turnover of 690 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.

The terms igus, chainflex, CFRIP, conprotect, CTD, drylin, dry-tech, dryspin, easy chain, e-chain, e-chain systems, e-ketten, e-kettensysteme, e-skin, flizz, ibow, iglide, iglidur, igubal, manus, motion plastics, pikchain, readychain, readycable, speedigus, triflex, plastics for longer life, robotlink and xiros are protected by trademark laws in the Federal Republic of Germany and internationally, where applicable.

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