

## **Video of the Week – How high motion plastics are used in commercial vehicles**

Commercial vehicles, such as telescopic loaders and dumper trucks, must cope with the harsh everyday life of moisture, risk of corrosion and often inappropriate handling. igus makes this possible with its energy chains, chainflex cables, linear systems and polymer plain bearings that are characterised by their long-term functional reliability, particularly in failure-prone areas. They are cost-effective, maintenance-free and do not require additional lubrication.

In this week's video, we see how igus products are making a big difference to drivers and operators of commercial vehicles. igus e-chains are used for all types of moving equipment; a typical example is on a telescopic crane. Dirt and wear-resistant plain bearings are used at the pivot points on dumper trucks. These tribopolymer materials can withstand loads of up to 200MPa. Even in rain, snow and heat, they prove to be extremely robust and guarantee very long operating times. Within the cab, custom products for the driver's seat are helping to improve comfort and flexibility.

More than 20,000 customers worldwide place their trust in polymer solutions tested under realistic conditions at the igus test facility. If a part cannot be found in the comprehensive standard products catalogue, custom parts are also available in short lead-times.

To watch the video, which highlights where igus products are already making a difference in utility vehicles, please visit: [www.igus.co.uk/commercialvehiclesvotw](http://www.igus.co.uk/commercialvehiclesvotw)

For more information about commercial vehicle applications, please visit: [www.igus.co.uk/info/truck-trailer-industry](http://www.igus.co.uk/info/truck-trailer-industry) or call igus directly on: 01604 677240

### igus resources:



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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 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, robolink and xiros are protected by trademark laws in the Federal Republic of Germany and internationally, where applicable.

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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, Publitek

Tel: 01582 390980

Email: [sumbul.baig@publitek.com](mailto:sumbul.baig@publitek.com)