

igus presents a new energy supply system

guidelok slimline P for less weight and more dynamics saves up to 80 percent of the cost

To be able to always achieve faster accelerations and speeds in aisle travels, igus has developed an energy chain supply system completely made of plastic. This is characterised by low weight and moreover, easy installation. Visitors to the igus stand at the Hanover Fair in Hall 17 can experience this innovation and more "motion plastics".

igus has advanced its guidelok slimline system once again and now presents the new GLSL-P, which is entirely made of plastic. The guide system for hanging energy chain applications does not require an enclosed channel trough or other elaborate, expensive enclosures and holds the energy chain system as in aisle travels on the railway. Instead, lightweight plastic segments are mounted only every two metres, which saves up to 80 percent trough costs and also weight compared to the previous metal option. Therefore, even faster speeds and accelerations can be achieved. Another advantage of the plastic novelty is that vibrations are absorbed better. "The lightweight guide rails made of fibreglass can easily be plugged into the plastic segments of GLSP-P, hence, implementing the installation completely without tools, leading to a reduction in costs yet again," explains Christian Strauch, industry manager for materials handling at igus.

Secure hold for energy chain system

Two automatically actuated compensators in the segments of the guidelok slimline P fix the e-chain and ensure a quiet, smooth run. If the chain moves in the radius through the segment, the compensator is activated and fixes the energy chain. The innovative locking levers are complemented by open guide rails made of reinforced plastic between the segments, which allows for more dynamics.

Captions:



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igus presents its new GLSL-P, a lightweight and affordable guide system, which consists entirely of plastic and is designed for hanging energy chain applications. (Source: igus GmbH)

PRESS CONTACT:

Oliver Cyrus
Head of Media and Advertising

igus® GmbH
Spicher Strasse 1a
51147 Cologne
Tel. 0 22 03 / 96 49-459
Fax +49 22 03 / 96 49-631
ocyrus@igus.de
www.igus.de/de/presse

ABOUT IGUS:

igus GmbH is a globally leading manufacturer of energy chain systems and polymer plain bearings. The Cologne-based family business has offices in 35 countries and employs around 2,400 people around the world. In 2013, igus generated a turnover of 427 million euros with motion plastics, plastic components for moving applications. 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, e-ketten, e-kettensysteme, chainflex, readycable, easychain, e-chain, e-chainsystems, energy chain, energy chain system, flizz, readychain, robolink, pikchain, triflex, twisterchain, invis, drylin, iglidur, igubal, xiros, xirodur, plastics for longer life, CFRIP, dryspin, manus and vector' are protected by trademark laws in the Federal Republic of Germany and internationally, where applicable.