

Infographic: how roller energy chains provide more reliability on long travels

From technical innovation and the standard up to a far-sighted solution: this characterises the evolution of igus roller energy chains. For more than 45 years, the motion plastics specialist has been developing energy supply systems that reliably guide cables for all media - such as Ethernet, servo, motor - as well as hoses. In the beginning, they were almost exclusively products for the mechanical engineering sector, the invention of the roller energy chain more than 20 years ago brought about the breakthrough into other branches of industry. The technical basis is the integration of rollers into the chain links to enormously reduce the coefficient of friction on long travels. The infographic explains how much energy can be saved and what speeds can be achieved with the roller energy chains.

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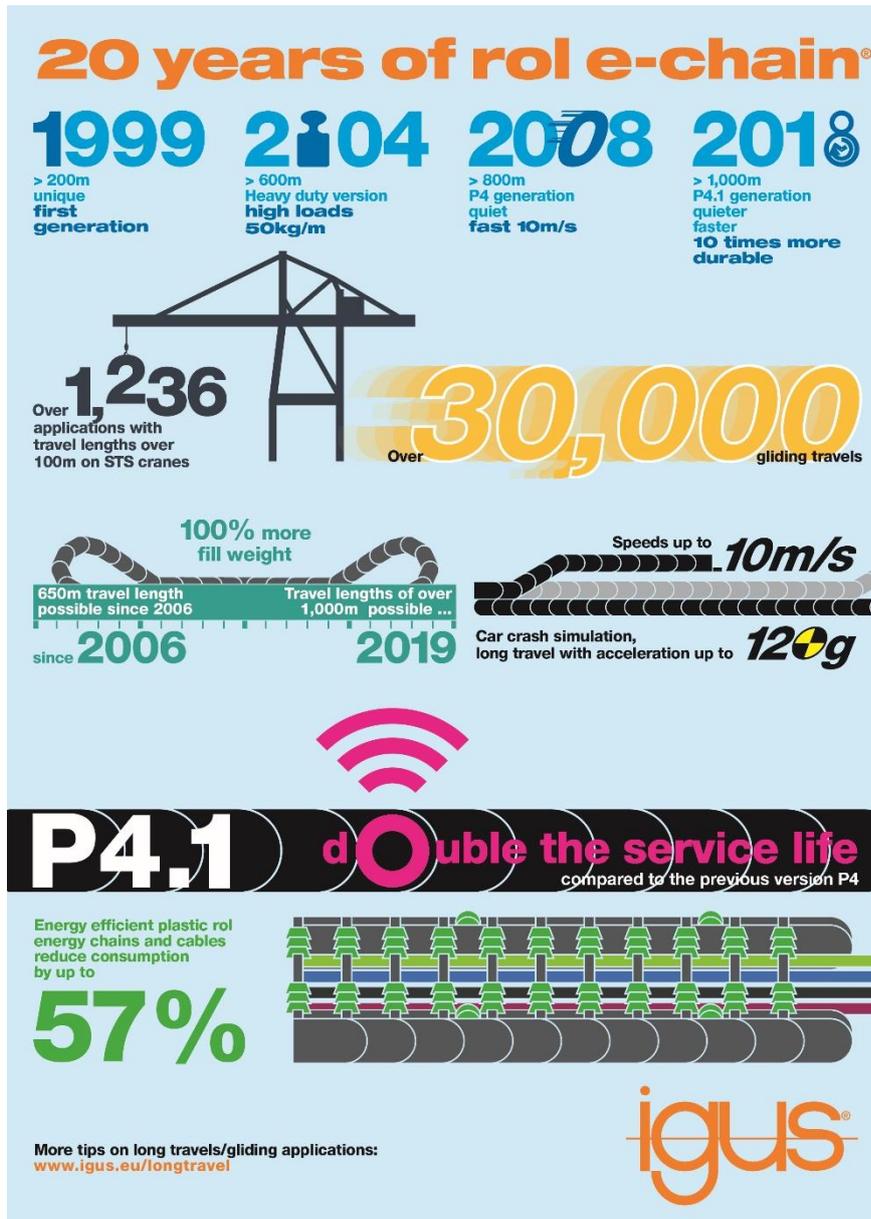
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ABOUT IGUS:

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 4,150 people around the world. In 2018, igus generated a turnover of 748 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", "Apiro", "chainflex", "CFRIP", "conprotect", "CTD", "drylin", "dry-tech", "dryspin", "easy chain", "e-chain", "e-chain systems", "e-ketten", "e-kettensysteme", "e-skin", "flizz", "ibow", "igear", "iglidur", "igubal", "kineKIT", "manus", "motion plastics", "pikchain", "plastics for longer life", "readychain", "readycable", "ReBeL", "speedigus", "triflex", "roboLink", and "xiros" are protected by trademark laws in the Federal Republic of Germany and internationally, where applicable.

Caption:



Picture PM4919-1

Praiseworthy operation worldwide for more than 20 years: with igus roller energy chains, up to 57 per cent of drive energy can be saved over long travels. (Source: igus GmbH)