

Complete solutions for welding robots: Ready-to-use igus dress-packs for quick replacement

**Harnessed dress-packs provide the maximum cable protection for
three-dimensional movements**

For the quick replacement of energy chain systems on welding robots, the motion plastics specialist igus now offers fully assembled dress-packs. Easily adapted to the customer standard, these complete solutions can be connected quickly and easily to the robot and therefore minimise production downtime. Customers can rely on reliable "all-in-one solutions" from igus.

Time plays a very important role in automated plants, such as for automotive production. If production stops, every minute counts. Pre-assembled systems help to keep maintenance and assembly work as low as possible. For this reason, the motion plastics specialist igus now offers ready-to-install standard dress-packs for welding robots. These packs consist of a three-dimensional triflex R energy chain from igus, completely filled with chainflex cables and hoses for supplying energy, data and media. "Due to the large number of enquiries for retrofit in existing plants, we decided to develop this standard dress-pack for welding robots," explains Jörg Ottersbach, head of the robotics industry at igus. "They can be adapted to the customer's individual requirements, for example, you can choose between different bus systems as well as different hose manufacturers or cable cross sections." It is also possible to have the cables harnessed directly by igus according to 24 manufacturer standards with original plug connectors.

Complete carefree packages for industrial robots

The new dress-packs from igus guarantee a quick replacement of the energy supply. For further applications for industrial robots, igus offers both customer-specific advice and an easy-to-use online configurator. With the "QuickRobot"

(<http://www.igus.de/quickrobot-online>) the right solution from over 2,000 options can be selected and ordered with just a few clicks by specifying the robot manufacturer and the model series. On request, igus supplies suitable retraction systems to guide the energy chains with constant tension to the end of the robot arm, and also offers the installation at the customer's site on request. Since igus produces all components of the energy chain system from a single source, its reliability can be guaranteed. The company igus is the only supplier on the market capable of providing a 36-month guarantee on all chainflex cables from igus due to the ideal coordination of chains and cables.

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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 around 2,950 people around the world. In 2015, igus generated a turnover of 552 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", "chainflex", "CFRIP", "conprotect", "CTD", "drylin", "dry-tech", "dryspin", "easy chain", "e-chain", "e-chain systems", "e-ketten", "e-kettensysteme", "e-skin", "energy chain", "energy chain systems", "flizz", "iglide", "iglidur", "igubal", "invis", "manus", "motion plastics", "pikchain", "readychain", "readycable", "speedigus", "triflex", "twisterchain", "plastics for longer life", "roboLink", "xiros", "xirodur" und "vector" are protected by trademark laws in the Federal Republic of Germany and internationally, where applicable.

Captions:



Picture PM5616-1

The new standard dress-packs for welding robots enable a quick and easy replacement of the entire energy supply system on a robot. (Source:igus GmbH)