



igus celebrates 25 years of Chainflex motion cables

The motion plastics specialist igus is celebrating 25 years of offering specially designed flexible cables for use in Energy Chains.

igus revolutionized the design of cable for moving applications 25 years ago with the introduction of Chainflex, and has since been offering ever-increasing numbers of power, control, servo, robot, and data cables. Now, with more than 1,040 cables types available from stock, all extensively tested in the massive 29,600 square foot igus test lab, igus is able to provide reliable cable performance for up to 10 million cycles or 36 months.

The use of cables in Energy Chain Systems requires specialized cable design in order to increase the service life of the cable, and as a result, of the application. In the development of Chainflex cables, igus drew from its experience as a major player in the development and sale of Energy Chains. igus CEO Frank Blase explains “As a market leader for E-Chains, our advantage at igus is that we are able to develop and test both the cables and Energy Chains that protect them, together as a complete system.”

Massive testing facility provides innovation and reliability

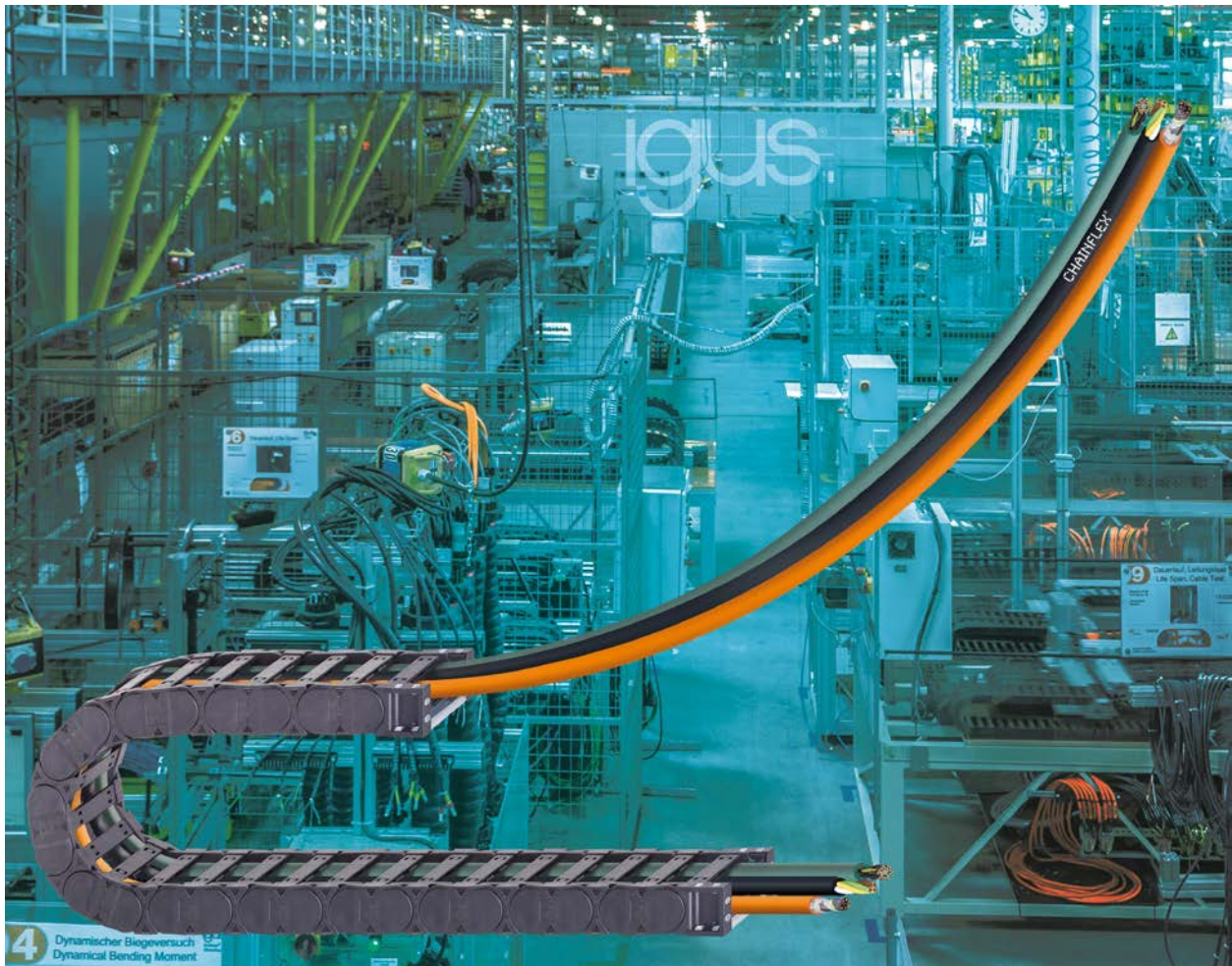
Considerable investments are being made in what may be the industry’s largest test laboratory. Inside the lab, more than 70 cable test rigs perform more than 2 billion test cycles each year. New testing machines enable fast acceleration speeds over 49 ft./s² across a 164 ft. test run. A cryochamber allows temperature tests as low as -40°F, and new torsion attachments and the expansion of the outdoor installation area allows for additional testing under realistic application settings.

Thanks to the massive amount of testing completed on Chainflex cables, igus is the only cable manufacturer in the market with the ability to provide a 36 month guarantee on all its cables, including torsion-rated cables, such as the world’s first CAT7 cable for robotic applications. Testing data also allows igus to provide a range of online tools, which allow customers to quickly determine cable service life in moving applications, as well as find, configure, and order the most suitable cable for their particular application.

About igus®

igus® develops industry-leading Energy Chain® cable carriers, Chainflex® Motion Cables, DryLin® linear bearings and linear guides, iglide® plastic bushings, and igubal® spherical bearings. These seemingly unrelated products are linked together through a belief in making functionally advanced, yet affordable plastic components and assemblies. With plastic bearing experience since 1964, cable carrier experience since 1971 and Motion Cables since 1989, igus provides the right solution from over 100,000 products available from stock. No minimum order required. For more information, contact igus at 1-800-521-2747 or visit www.igus.com.

Image:



Picture PR-1415-01, igus Inc.

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