

One-for-all: Technically Advanced Energy Chains®

igus® introduces the all new E4-1 Energy Chain. For long service life, high stability, ease of installation and modularity.

East Providence, RI – August 30, 2013 – igus will unveil E4-1, one of its newest Energy Chain cable carriers, during the forthcoming Pack Expo from September 23-25, 2013 at booth S5552. E4-1 combines the features and benefits of its three predecessors in the E4 cable carrier range, including low noise, ruggedness and modularity. E4-1 is ideal for a wide range of industrial applications such as cranes, machine tools, construction machinery and robotic handling systems.

E4-1 features an easy-to-open, double-lock design, which allows the cable carrier to be opened and closed using a flathead screwdriver. The lids can be removed from both sides of the carrier and are hinged on the outer radius for fast cable installation. The cable carrier's smooth interior combined with numerous cable separation options not only prevents cable damage, but ensures the cables remain secure while the carrier is in motion.

Contact noise is greatly reduced thanks to a unique, integrated brake function on the cable carrier's radial stop-dogs. Rolling noise is also lessened because of the small pitch of the cable carrier. In addition, noise-dampening side plates and rubber profiles for guide troughs can be used to further reduce noise generation.

With E4-1, tight tolerances can be achieved even in extremely demanding applications. The pin-and-bore connections enable the absorption of high push-pull forces that can occur over long travel distances. Cable carrier wear is kept to a minimum because the large connections distribute forces over a significant surface area.

E4-1 is available in both an open or closed design for hot chip areas. igus also offers a comprehensive line of Chainflex® continuous-flex cables for use in Energy Chain cable carriers.

To learn more about System E4-1, please visit, www.igus.com/E4-1. To make an appointment with an igus representative at Pack Expo 2013, e-mail sales@igus.com.



About igus

igus develops industry-leading Energy Chain® cable carriers, and Chainflex® continuous-flex cables, DryLin® linear bearings and linear guides, iglide® plastic bushings, 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 continuous-flex cable since 1989, igus provides the right solution from over 80,000 products available from stock. No minimum order required. For more information, contact igus at 1-800-521-2747 or visit www.igus.com.

Captions:

Picture PR-091113-01, igus Inc.

Eliminate costly components with the E4-1 Energy Chain System®. E4-1 is the standard for almost any application area.

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