

item

Press release

© item Industrietechnik GmbH
Friedenstrasse 107-109 42699 Solingen, Germany
Tel.: +49 212 65 80 300 / Fax: +49 212 65 80 310
✉ info@item-international.com
www.item.info

Speicher-Datum: Solingen, 18.02.2008
Anzahl Seiten: 2
Anzahl Wörter: 302
Anzahl Zeichen: 1.885

Press contact: Nicole Grewer
Tel.: +49 212 65 80 322
✉ n.grewer@item-international.com

NEW – compact Linear Units from item – high performance on a small footprint

item has been demonstrating its innovative dynamics for years with its compact Linear Units KLE!

The new design and the tried-and-tested drive elements combine the functionality of a Roller Guide and an integrated Drive Unit on a small footprint. When used for high-speed positioning jobs, their quiet travel and low-wear, heavy-duty drive elements put them in a league of their own on the market.

Long service life and easy running thanks to large Rollers

The cutting-edge design of the Linear Units is just as impressive as their performance data. The units benefit from generously proportioned Roller Guides, completely encased in the KLE. With the exception of the linear slide, it is impossible to come into contact with any moving parts. This unit does much more than simply pay lip service to safety.



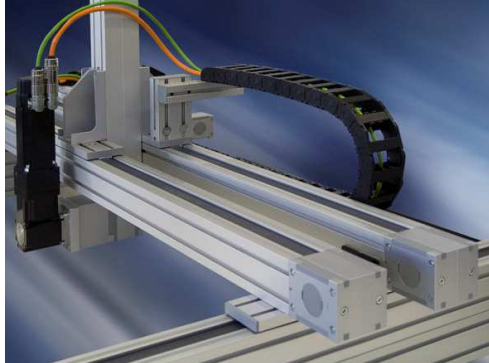
item KLE: Greater reliability, since no moving external parts

Integrated fastening of Proximity Switches and cable routing

In the modular dimensions of Line 6 or 8 Profiles of the item MB Building Kit System, the housings of the Linear Units feature item lateral profile grooves for securing and assembling attachments. The design also includes integrated fastening of Proximity Switches and cable routing. The universal coupling elements in the Drive Sets ensure users a free choice of drive motors. It is also possible to synchronise several Linear Units with only a single drive motor.

Modular design ensures short delivery times

Linear axes can be customised in length up to a maximum housing length of 6,000 mm. Customers benefit twice from the modular concept of the KLE – individually assembled, complete units manufactured to customer requirements can be supplied in no time at all from every item service centre. Linear Units KLE are augmented by a range of practical accessories that enable straightforward attachment of slide constructions and drive motors.



Motors can be adapted using universal coupling elements in the Drive Set.

item Industrietechnik GmbH from Solingen develops and supplies the MB Building Kit System, a system which enables customized solutions for all aspects of industrial factory equipment engineering. The Building Kit System is based on aluminium profiles, carefully coordinated fasteners, and versatile functional elements.