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Press Release

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

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

A new dimension – item presents Line 12 of the MB Building Kit System

The use of aluminium as a light-weight material has a number of advantages. As a material, it is, indeed, light but a modular, profile-based Building Kit System for engineering applications offers the crucial benefit of being remarkably simple to use.

For some applications, however, conventional profile-based systems are patently undersized: sturdy supporting structures and heavy-duty fixed portals are still manufactured as welded steel beam constructions despite the benefits offered by aluminium profiles. Even larger cross-sectional shapes of profiles, which are able to withstand deflexion thanks to their increased geometrical moment of inertia, are only welcomed with reservations. This might be due to the relatively small joint connectors used.

item, as the pioneers of the MB Building Kit System, will be launching a completely new range specifically for use in heavy-load environments, just in time for the Hanover Trade Fair 2003. Line 12 is designed to meet engineering quality requirements in regions that the Building Kit System has not, until now, been able to deal with. The new modular dimensions of 60 mm and groove width of 12 mm enable the profile joints to be completed using M12 size screws. It goes without saying that item will continue to use its tried-and-tested and patented fastener technology: the high levels of prestress force in the screws and the wall thicknesses of the profiles in the vicinity of the profile grooves enable load-bearing capacities to be achieved that have not been possible with previous designs of Building Kit System Profile.

And item is not wasting any time. As soon as the market launch takes place in April, there will be no less than 10 Profiles (from 60x60 mm to 240x120 mm) available, 4 sturdy profile joints and very solid transport and base plates. In addition, there will be Caps for the ends of the profiles and Cover Profiles for closing off the profile grooves wherever they are not required to fulfil specific functions.

item would not be the item we know if they had not thought to include all the extension and add-on components that the MB Building Kit System has made available right through to Line 8. With the assistance of adapters, Heavy-Duty Hinges, Standard Hinges and various Fastening Elements and many Dynamic Elements can be directly attached to the new Line 12 Grooves. The advantages of

this become evident when, for example, panels, flaps or automation technology is to be attached to the heavy-duty base frames. Components existing already in the MB Building Kit System can easily be integrated in constructions using the new Line.



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(Figure: 12-0003c4.tif)



(Figure: 12-0018c4.tif)



(Figure: 12-0004c4.tif)

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