



Press-information

Released for publication

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Item's MB Building Kit System is the byword for rapid, versatile and cost-effective solutions in the field of engineering, enclosure & guard systems and work bench systems.

The item MB Building Kit System is based on a series of **aluminium constructional profiles** – designed to fulfil the highest quality requirements as regards both functional rigidity and appearance – combined with a range of versatile fastening systems engineered to enable the most diversified applications to be realised. The comprehensive assortment of accessories facilitates a virtually infinite variety of applications, ranging from simple frameworks and machine enclosures through to sophisticated handling systems or complete special-purpose machinery integrating the MB System's dynamic elements.



It is through uncompromising commitment to continued development of the existing system that the item MB Building Kit System fulfils the requirements of the most diverse industrial applications, in order to be able to provide optimised, versatile solutions for numerous fields of use well into the future.

Throughout development of the Building Kit System, both in the past and into the future, item has placed and will continue to place particular emphasis on these performance characteristics:

Fasteners:

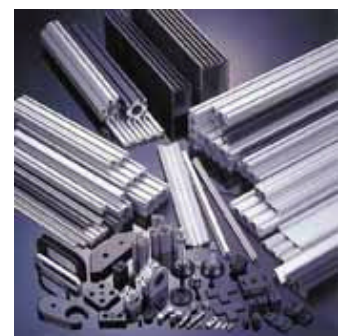
- Handling and assembly are simplified by reduction to the minimum number of pieces required for a particular function
- Assembly requires only a few standard tools
- Profiles and accessories require either no on-site machining at all or very little
- Exploitation of basic principles of physics ensures powerful, durable connections resistant to dynamic loads
- All fasteners are designed specifically for each type of application.

Profile Line Dimensions:

- The underlying principle of the design of all components is the adherence to the profile line dimensions in order to help customers reduce design and planning work to a minimum
- The logical arrangement of fasteners within the profile line dimensions enables joints to be simply duplicated for larger profiles.
- The arrangement of all the Building Kit components in 3 different series ensures rapid, safe selection of components designed to fit together.

Product variety:

- The wide variety of profiles in all three series facilitates the selection of the exactly the right system for each application
- By providing a comprehensive array of accessories, we enable customers to meet the most diverse functional requirements without changing systems



- All system elements are designed to match, there is no reduction in functionality as a result of machining-to-fit.
- Additional third-party components can be simply integrated into a complete project by the individual machining of specially prepared adapters.

Design:

- A guiding principle of our design work has always been to blend technical functionality with appearance, whether basic elements or accessories. The fact that item's MB Building Kit System and its components have been presented with numerous design awards is proof enough that this approach is the key to success. Advanced, future-orientated and technically sophisticated solutions presented in an attractive design have always been a feature of the MB Building Kit System.



Item's MB Building Kit System enables planners to reduce costs by means of rapid and reliable planning, calculation and construction. Even once a project has been completed, the design and construction principles of the profiles, fasteners and accessories allow remarkable leeway in terms of extensions, additions or adaptations. Production machinery, special-purpose machines and workstations built using the item MB Building Kit System can be quickly and cheaply retro-adapted to meet changing production requirements. This is thanks to a large degree to strict adherence to the modular component philosophy, making it possible for the designer to integrate additional functions into an existing system or to adapt the system to harmonise with a different work or materials flow. A work bench system, for example, designed and built using the item MB Building Kit System can, thanks to this adaptability, easily be matched to the constantly changing legal requirements on workplace design. After all, reduced time-to-market cycles and optimised manufacturing methods put pressure on the production machinery engineers to respond more rapidly in designing, ordering and assembling plant. Thanks to its logical, easily understandable philosophy of basic elements, item's MB Building Kit System is ideally suited to the task of cutting costly planning times and ensuring simple conversion of production equipment.

It is, indeed, in the area of production equipment construction that item's MB Building Kit System comes into its own. Designers are offered a wide array of decision-making aids in this respect:

- the item MB catalogue forms the basis and provides an overview for selection with numerous constructional hints
- the CD-ROM containing the "Quick&Easy" design program, a parts list generator and easy-to-use DXF viewer.
- internet access to the item representative responsible for your location to clarify specific customer service issues. Here, the designer has access to skilled, experienced advisors, can take advantage of the project design service or have basic custom designs made to drawings.

This Service is available from item and its partners in over 25 countries around the world. A fact that is gaining increasing importance with the advancement of global business relationships between us and our customers. Our services are thus available with a minimum of effort from an item partner at your production location. You will find a list of these partners in the appendix.