**item is overhauling its online tools**

**New functions and components
for a more customised design**

**More design and configuration options** **– item is expanding its** [**Engineeringtool**](https://welcome.item24.com/engineeringtool/utm_source%3Dwebsite-uk%26utm_medium%3Dslider%26utm_campaign%3Dengineeringtool) **to include key design details. For example, the engineering software now supports measurement of the distance between two parallel profiles. This means the usable width of openings in racks or machine frames can be identified directly. Roller Conveyor 6 40x40 Al is a new Engineeringtool component that can be used to design FIFO racks and Karakuri applications with ease.** [**item MotionDesigner®**](https://motiondesigner.item24.de/DEen/#/type) **now also supports drives and controllers from any manufacturer. Universal Drive Sets ensure users can combine these components with item Linear Units and receive a ready-to-install turnkey solution in just a matter of minutes. The updated version of the commissioning software** [**item MotionSoft®**](https://product.item24.de/en/products/product-catalogue/productdetails/products/item-motionsoft-1001379346/item-motionsoftr-67515/) **features an optimised motion profile and is easier to navigate and operate.**

The new components and functions of the item online tools now offer users even more design and configuration options. Using the “Measure clearance” function, the Engineeringtool directly calculates the distance between parallel profiles. Whether these profiles are round or angular, the tool automatically analyses the distance between the outer edges of the profiles (internal clearance). If profiles are moved or dimensions change, the values are immediately updated. Displaying the usable dimensions in this way ensures users can adhere precisely to the required dimensions and open spaces for racks and machine frames. The item Engineeringtool provides detailed project documentation, an easy-to-follow assembly guide and the necessary CAD data for all machining variants. The item Roller Conveyor 6 40x40 Al is now available to Engineeringtool users to ensure frames and FIFO racks feature a stable design. This new component can be used in a variety of applications and equipped with a wide selection of roller elements as well as an optional aluminium guide rail for added flexural rigidity.

**Users benefit from overhauled software**

item MotionDesigner**®** suggests the perfect combination of individual components for a ready-to-install automation solution. The new version of the online software can even be used when opting for motors and gearboxes from third-party manufacturers. item MotionDesigner**®** includes universal Drive Sets for this very purpose. The program indicates the required drive power and provides additional data that enables users to connect up perfectly with their drive technology and controllers. Should they need technical support when configuring their Linear Units, users have a direct line of contact with customer advisers from item during standard business hours thanks to the “Live support” function. As the market leader in building kit systems for industrial applications, item has also updated its MotionSoft® commissioning software. The new version both simplifies and speeds up the process of programming motion profiles. Context menus and detailed graphics make the software easier to operate and provide a clearer overview of the individual steps in the profile. Additions and modifications can be made using the convenient drag-and-drop function.

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**Caption 1:** The new components and functions of the item online tools now offer users even more design and configuration options.

**Caption 2:** The item Engineeringtool provides detailed project documentation, an easy-to-follow assembly guide and the necessary CAD data for all machining variants.

**Caption 3:** item MotionDesigner**®** can even be used when opting for motors and gearboxes from third-party manufacturers.

**About item**

item Industrietechnik GmbH is a global market leader in building kit systems for industrial applications and employs around 500 members of staff. It has been designing and marketing construction solutions for machinery, fixtures and plants since 1976. The product portfolio comprises more than 3,500 high-quality components designed for use in machine bases, work benches, automation solutions and lean production applications. Thanks to the inclusion of transport solutions and dynamic elements, the company’s products can cover virtually all working processes, from manual production to automated manufacturing. The highly skilled employees work day in, day out to develop innovative solutions for state-of-the-art mechanical engineering and also offer exceptional consulting services. item is headquartered in Solingen, Germany. Eleven branches and support centres ensure the company is always close to customers in Germany. The group has wholly owned subsidiaries in the USA, China, Mexico, Italy, Poland and Switzerland.

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