**LogiMAT 2020**

**Optimising the internal flow of goods with item**

**Perfect adaptation to a huge variety of requirements – item Industrietechnik GmbH will be at LogiMAT 2020 in Stuttgart to showcase its skills when it comes to efficient intralogistics. The market leader in building kit systems for industrial applications has significantly expanded its portfolio. New additions to the MB Building Kit System include Swivel and Fixed Castors PU 140x110, which can be used to design custom tugger trains for transport tasks. The Castors are wear-resistant, compensate for unevenness in floors and can accommodate loads of up to 600 kg. The ability to arrange these flexibly on frames provides a great deal of versatility in terms of handling. Exhibiting at Stand C71 in Hall 3, item will also be demonstrating how Karakuri applications can be used to boost efficiency in industrial processes.**

Quick, secure and stable – the new [Swivel and Fixed Castors PU 140x110](https://product.item24.de/en/products/product-catalogue/products/mb-building-kit-system-1001544168/) from the item [MB Building Kit System](https://www.item24.de/en/productworld/building-kit-system.html) are the perfect solution whenever loads need to be transported in warehouses and production areas using tugger trains. The Castors are fastened directly to the grooves of the support frame. The flexible way they can be arranged ensures optimum directional stability and allows for a great deal of versatility in terms of handling. Speeds of up to 16 km/h can be achieved, with the Castors able to withstand loads of up to 600 kg, depending on their diameter. In short, the item building kit system philosophy makes it possible to design extremely versatile and strong tugger trains that can be easily adapted to a wide variety of conditions. Basic frames made of aluminium profiles in varying dimensions and suitable fasteners open up a whole host of possibilities when it comes to using building kit systems to expand structures to suit the length, weight and shape of the transported goods or other specific requirements. The Solingen-based innovator also ensures the system can be seamlessly connected to automated guided vehicles to offer optimum process control in the age of Industry 4.0. This is set to revolutionise intralogistics in the future in terms of speed, safety and efficiency.

**Optimising processes with lean production**

item makes it possible to design factory equipment according to lean principles and thus boost value creation in specific production processes. The constructions are based on [Profile Tube System D30](https://www.item24.de/en/productworld/lean-production.html), which, in combination with numerous components from the Lean Production Building Kit System, offers the ideal solution for meeting all the requirements placed on lean processes. At Stand C71 in Hall 3, item will be demonstrating how workflows can be automated by purely mechanical means, using gravity rather than electricity, compressed air or any other forms of propulsion. The [Karakuri applications](http://karakuri.item24.de/en/) on show make it possible to adapt flexibly to changes in the production process and reduce the strain on staff. For instance, Low Cost (Intelligent) Automation results in cost-effective and simplified intralogistics processes, which, in many cases, save a great deal of time. The Karakuri applications from item can be seamlessly combined with the components from the MB Building Kit System and the item Work Bench System for this purpose.

**Length:** 3,192

**Date:** 25 November 2019

**Photos:** 2 (image source: item)

**Caption 1:** The Karakuri applications from item are based onProfile Tube System D30, which, in combination with numerous components from the Lean Production Building Kit System, offers the ideal solution for meeting all the requirements placed on lean processes.

**Caption 2:** The systems make it possible to adapt flexibly to changes in the production process and reduce the strain on staff.

**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. Today, the item product portfolio comprises more than 4,000 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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