**New components in the Lean Production Building Kit System from item**

**Efficient loading and unloading, and increased safety when transporting goods in lean systems**

**It doesn’t take much force to make a big impact – the item Release Unit D30 Bar T2 makes the process of automatically loading and unloading flow racks in lean systems even more reliable. This new component from the Lean Production Building Kit System is particularly easy-running, meaning it can function with low actuation force. Another new addition to the** [**Lean Production Building Kit System**](https://www.item24.de/en/productworld/lean-production.html) **portfolio is Flange D30-90x90-80. This is securely bolted to the floor, which prevents lean frames from moving out of place and increases their stability. Slide Strip D30 with Side Guide H13 c is yet another component for fast, sophisticated and solution-oriented factory equipment engineering. It can be used to reduce the number of profiles and fastening elements required for parallel conveyor lines. Transport containers slide securely on the low-friction strip, with the Side Guide providing optimum guidance.**

When combined with the item Profile Tube System D30, the item Release Unit D30 ensures the fully automated transport of crates within lean systems. When transport crates are moved via roller conveyors, they are intercepted by the pawl latches of the Release Unit and thus secured. As soon as the shooter is guided laterally towards the workstation ramp, and the roller conveyors are correctly positioned, the latches pivot to the side and release the crate. Thanks to the new [Release Unit D30 Bar T2](https://product.item24.de/en/directlink/pro/69207), the loading and unloading process now requires even lower actuation forces. This is down to its easy-running ball bearings and needle bearings. Now even heavy containers and high axial pressure no longer impede the functionality of the latch.

**Secure hold**

The Lean Production Building Kit System from item now includes [Flange D30-90x90-80](https://product.item24.de/en/directlink/pro/69605) with an integrated fastener. This product can be used to securely fasten lean frames to a solid surface. The Flange is extremely strong and prevents any displacement. The flange plate is bolted to the ground or a wall, and Profile Tube D30 is attached to the fastener. We recommend using Profile Tube D30 heavy duty for this.

**Optimum guidance**

The new [Slide Strip D30 with Side Guide H13 c](https://product.item24.de/en/directlink/pro/69245) securely guides transport crates on parallel conveyor lines in lean systems. To achieve this, the Slide Strip is clipped directly onto a Profile Tube D30 or Profile 6 D30. The material is made of HDPE, ensuring minimal friction. The central Side Guide H13 c keeps goods on both sides on track. This means fewer support profiles and fastening elements are required for parallel conveyor lines. In addition to the standard version, an [ESD-safe variant](https://product.item24.de/en/directlink/pro/69251) is also available.

**Length:** 2,816

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**Photos:** 3 (source: item)

**Caption 1:** The item Release Unit D30 Bar T2 makes the process of automatically loading and unloading flow racks even more reliable.

**Caption 2:** The Lean Production Building Kit System from item now includes Flange D30-90x90-80 with an integrated fastener, which can be used to securely fasten lean frames to a solid surface.

**Caption 3:** The new Slide Strip D30 with Side Guide H13 c securely guides transport crates on parallel conveyor lines in lean systems.

**About item**

item Industrietechnik GmbH is a global market leader in building kit systems for industrial applications and employs 900 members of staff worldwide, 750 of whom are based in Germany. 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.

**Company contact**

Nicole Hezinger • item Industrietechnik GmbH

Friedenstrasse 107 - 109 • 42699 Solingen • Germany

Tel.: +49 212 65 80 5188 • Fax: +49 212 65 80 310

Email: n.hezinger@item24.com • Internet: [www.item24.com](http://www.item24.com)

**Press contact**

Jan Leins • additiv pr GmbH & Co. KG

Press work for logistics, steel, industrial goods and IT

Herzog-Adolf-Strasse 3 • 56410 Montabaur • Germany

Tel.: +49 26 02-95 09 91 6 • Fax: +49 26 02-95 09 91 7

Email: jl@additiv-pr.de • Internet: [www.additiv-pr.de](http://www.additiv-pr.de)/maschinenbau