

## PRESS RELEASE

### **The CPS®KANBAN flex family is growing – modular and mobile Kanban rack with maximum protection!**

*Bad Mergentheim/Main-Tauber-Kreis.* How about a Kanban rack that has a load capacity of up to 1,000 kilograms and is absolutely mobile? Or a Kanban rack that can be closed immediately after use to avoid dirt? The two partners Würth Industrie Service GmbH & Co. KG and Dringenberg GmbH Betriebseinrichtungen show how this can be achieved by adding two further variants to the Kanban rack CPS®KANBAN flex. The experts are setting new standards not only with CPS®KANBAN flex mobil, a mobile Kanban rack on castors, but also with CPS®KANBAN flex protect, a rack that can be closed with front-mounted roller shutters and front-mounted doors, and are once again proving themselves to be market pioneers for the supply of the future.

The system family of CPS®KANBAN flex stands out with its modular design and the possibilities associated with it; instead of the usual shelves, it can either be used on modular shelves with rails as well as drawers or even shelves with dividers for bulky and long goods. Each base can be used individually depending on customer requirements, making it possible to customise the modules afterwards as well. Thanks to the innovative rail technology, the fire load is reduced maximally compared to conventional shelves. Furthermore, the rails in combination with crossbars as well as a stable upright profile prevent the individual bins from slipping unintentionally, which ensures maximum organisation on the racks. The fact that the rails are compatible regardless of the bin size of the patented Würth small load carrier W-KLT®2.0 also points to absolute flexibility of the rack. Four rack variants with different rack depths (600/800 mm), rack widths (1000/1300 mm) and rack heights (2000/1600 mm) are available for storing the bins. The standard rack usually consists of 2 upright frames, 18 traverses and also one iSHELF® base of the CPS®RFID family. If an empty bin is placed, then the integrated shelf directly detects it via a sender-receiver-unit installed in the shelf and ensures that it is replenished immediately - automatically, of course! There are no limits to its individual application possibilities, especially when it comes to accessories. Thanks to the grid solution on the front side of the rack, it is possible to add more units. With optional perforated side panels or rear panels, CPS®KANBAN flex, as an all-rounder rack, offers great potential for attaching individual accessories to the CPS®ORSY factory equipment. In addition to bin fall protection for RFID levels, fully extendable drawers with a load capacity of 200

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kilograms per drawer, shelves with partition inserts for bulky and long goods, also base panels, closed or perforated rear and side panels, and additional accessories complement the new Kanban rack to perfection. To sum up, CPS®KANBAN flex is particularly convincing in terms of modularity, stability, sturdiness, haptics, cleanliness, load-bearing capacity and reduction of fire load. Apropos of load-bearing capacity: With the possibility of four fully extendable drawers per rack, CPS®KANBAN flex guarantees an immensely high load-bearing capacity of up to 800 kilograms. In the case of a rack height of 2000 mm, this results in a total load of 1,840 kilograms and 1,590 kilograms with a correspondingly lower rack height of 1600 mm.

### **CPS®KANBAN flex mobil – Modular Kanban rack on castors**

The innovative CPS®KANBAN flex mobil is first and foremost a certified Kanban rack in accordance with DGUV regulations (108-007:2006/09.06, EK5/AK5, 06-02.03:2023, AfPS GS 2019:01 PAK). It's not only mobile thanks to its plastic castors, but also has a maximum load capacity of up to 1,000 kilograms! This makes the Kanban rack one of the frontrunners in the market. Additional forklift pockets provide even more mobility along the production line. The extremely strong racks can also be transported over long distances without any complications. If the rack is moved manually by an employee in production, a specially fitted foot protection provides additional safety. The partners Würth Industrie Service and Dringenberg thus offer a mobile solution that makes an important contribution in times of necessary flexibility and resilience in changing production lines. A wide range of racks variants with a standard height of 1,830 millimetres, a depth of 800 millimetres and rack widths of 1,000 or 1,300 millimetres are available for storing the bins. Thanks to perforated side and rear panels, it is also possible to attach additional accessories.

### **CPS®KANBAN flex protect – Kanban rack with maximum protection**

Regardless of whether it is a front-mounted door or front-mounted roller shutter: With CPS®KANBAN flex protect, industrial customers now benefit from a modular Kanban rack that provides greater protection for stored goods due to the availability of the option to close it. In particular, fragile parts such as hydraulic fittings or seals can be optimally protected against dirt. As an extension package of the CPS®KANBAN flex, the two safety mechanisms can be fitted quickly and easily as add-on elements subsequently, depending on the customer's requirements. The rack has a standard height of 2,000 millimetres, a width of 1,300 millimetres and two rack depths of 600 and 800 millimetres. Different accessories can also be attached here as required. Flexibly without question.

### **Automatic reordering included!**

In addition to the classic rolling two-bin system, the Kanban rack also opens up the possibility of using fully automated RFID systems for replenishing production materials. The basis for all this is a Kanban bin. In the case of Würth Industrie Service, it is the patented Würth small load carrier, W-KLT®2.0. It is available in various sizes according to the VDA standard and is equipped with an RFID tag by default. Each transponder can be identified by a unique data security number. In the outgoing goods process, the ID of the bin is linked to the corresponding outgoing goods item. Through the various RFID systems – in case of CPS®KANBAN flex usually through iSHELF® rack – the ID of the bins can be read and transferred to the Kanban Management System for data transfer or for automatically reordering the goods. Also in combination with other system solutions such as the battery-operated iPLACER® as a demand logging module, the digital rack label iDISPLAY or the weighing bin iSCALE, the Kanban rack ensures absolute security. In addition, the ORSY®mat systems by the C-Parts partner are a perfect addition for supplying auxiliary and operating materials.

Unimaginable yesterday, real today, smart tomorrow: Since 2018, the experts have been working closely together to develop innovations. With Dringenberg, an expert on high-quality products and solutions for operating equipment for trade, industry and schools, Würth Industrie Service relies on a dependable partner within the Würth Group: Hand in hand, 100% made by Würth.

### **Photo material**

#### **Captions:**



Photo 1: CPS®KANBAN flex\_CPS®KANBAN flex protect.jpg

Caption 1: Modular combination: CPS®KANBAN flex as a modular Kanban rack for efficient material supply in combination with CPS®KANBAN flex protect

Photo source 1: Dringenberg GmbH Betriebseinrichtungen



Photo 2: CPS@KANBAN flex mobil.jpg

Caption 2: CPS@KANBAN flex mobil is convincing as certified Kanban rack on plastic castors with a maximum load capacity of up to 1,000 kilograms!

Photo source 2: Dringenberg GmbH Betriebseinrichtungen



Photo 3: CPS@KANBAN flex protect.jpg

Caption 3: The new CPS@KANBAN flex protect provides maximum protection for stored goods by means of front-mounted roller shutters or front-mounted doors as additional attachments.

Photo source 3: Dringenberg GmbH Betriebseinrichtungen

#### Brief profile of Würth Industrie Service GmbH & Co. KG

Within the Würth Group, Würth Industrie Service GmbH & Co. KG is responsible for supplying to the industrial sector. Since its foundation in the year 1999, the company is located at the Würth Industrial Park in Bad Mergentheim, Germany with over 1,800 employees.

As a one-stop C-Parts provider, the company offers its customers a specialised product range with over 1,400,000 items: from screws and tools to connection and fastening technology, technical chemicals as well as occupational safety solutions. Aside from the extensive standard product range, the strength of the company lies in its customer-specific, logistical and dispositive supply and service concepts as well as special parts. Under the service brand "CPS® – C-Product Service", the company offers modular solutions customised as per the customer's requirements. These consumption-based and demand-based systems streamline the processes for purchase, logistics and quality assurance while enabling the procurement of small parts in a cost-optimised manner. Logistic and dispositive services such as shelving systems that use scanners or a just-in-time supply using Kanban bin systems play a significant role in increasing productivity.