

PRESS RELEASE

Personal protective equipment from head to toe – intelligent supply concepts of Würth Industrie Service at Elster.

Bad Mergentheim/Mainz-Kastel. There are always visible and invisible dangers in our working environment. Professional occupational safety is therefore a prerequisite for safe and legally compliant work. According to the motto “all from one single source: product, system and service.”, Würth Industrie Service GmbH & Co. KG offers optimum supply systems in the field of personal protective equipment (PPE) with intelligent ORSY®mat vending machine models and ORSY® shelving systems for a secure, automated and demand-based supply of MRO products. As a long-standing partner, Elster GmbH at the Mainz-Kastel site, sets the course for the efficient supply of auxiliary and operating materials for all requirements related to personal protective equipment with the current implementation of the innovative weighing system ORSY®mat WGT.

Elster is known within the Honeywell Group as the world leader in gas measuring systems and gas pressure regulation and as a recognised manufacturer of electronic systems and modular gas stations. Elster’s Advanced Metering Infrastructure (AMI) solutions enable energy suppliers to deliver, manage, and maintain vital gas, power, and water resources cost-effectively. The company employs more than 7,000 employees and has offices in 38 countries in North and South America, Europe and Asia.

Würth Industrie Service has been helping to ensure an efficient and transparent supply of MRO products with solutions, technologies and innovations since 2014. The success story with Elster is more versatile than ever: from textile finishing of gloves from the Würth product range, individualised work clothes, a central shoe warehouse, automated refilling of spray cans such as leak detectors using REFILLO®mat, to intelligent ORSY®mat vending machines and ORSY® shelving systems for withdrawing and storing PPE as required. According to the motto “the right system for each product”, Elster relies on a wide variety of supply concepts from the C-Parts expert in the PPE sector.

Occupational safety intelligently designed!

For Elster employees, personal protective equipment plays an important role, particularly when it comes to hand, eye, hearing, respiratory and head protection. The provision of safety shoes in different safety classes as well as matching work

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clothes are also extremely important. This is exactly where Würth Industrie Service proves to be a competent partner in the field of occupational safety with a team of TÜV-certified PPE specialists and helps to select an appropriate PPE range. Elster has been meeting its regular safety shoe requirements with a central shoe warehouse on site since 2016. The employees have access to a wide product range of different sizes. They can try the shoes on the spot and directly use them. The respective employee, cost centre and item are recorded and reordered automatically using the Würth barcode scanner in combination with the barcode catalogue. Since 2018, Elster has also relied on the ORSY® shelving systems of Würth Industrie Service for its workshop at the Mainz-Kastel site. With the help of different rack components, which can be combined individually and modularly, utility products and consumables such as adhesive tapes, cleaning papers or cleaning agents can be stored and made available on demand. It goes further: with the intelligent ORSY®mat vending machines, Würth Industrie Service takes care of everything from delivery, storage and stocking to fully automatic replenishment of auxiliary and operating materials. Thanks to intelligent supply solutions, the items can be made available on demand transparently, around the clock and directly at the place of use. The measuring technology specialist uses various vending machine models such as the flap vending machine ORSY®mat FP, the helix vending machine ORSY®mat HX or the rotating vending machine ORSY®mat RT to withdraw PPE individually. All models mainly provide auxiliary and operating materials such as gloves, glasses, hearing protection capsules or tools such as Martor safety blades. Due to the different flap sizes, large items such as hard hats are also stored in ORSY®mat FP. For the implementation of hygiene measures, Elster relies on the extended product range of new occupational safety and hygiene products in combination with ORSY®mat RT. The rotating vending machine is used to store and supply various hygiene products as well as assembled visitor kits consisting of masks, vests and gloves. The intelligent ORSY®mat system takes care of a digital and fully automated reordering of the withdrawn items through complete inventory overview and also provides an overview of consumption and costs. Moreover, the storage is secured and loss can be reduced to a minimum through a secured access authorisation. "Our employees can withdraw their protective equipment and other consumables directly on site using their employee card via RFID. Completely autonomous and without any dependency on a centralised place for material dispensing. Thanks to the 24-hour availability of goods, all auxiliary and operating materials are available to our employees around the clock." said Luigi Genna, Sr. Logistics Supervisor & Head of Logistics at Elster.

To ensure that Elster can also benefit from pioneering developments of Würth Industrie Service, the latest ORSY®mat WGT (WGT stands for weight) vending machine for dispensing of personal protective equipment will be implemented in

Mainz-Kastel site. The weighing system detects the withdrawal of an item on the basis of the integrated weighing cells, in which the weight of the stored item is saved. By using this technology, individual items can be withdrawn without depending on the packaging unit. There is also an option to withdraw multiple items at the same time from the vending machine. After the item is withdrawn, the vending machine closes and takes stock of the complete inside inventory automatically and thus maintains a complete overview at all times. Afterwards, the item data, name and corresponding withdrawn quantity are automatically transmitted to the Würth system and a logistically optimised restocking process is initiated. "Thanks to the high flexibility of the system, it is possible to respond at an early stage to varying demands and quantities, for e.g. at peak orders." Genna continued.

In total, Elster has 3 locations with personal protective equipment at the Mainz-Kastel site. Whether in mechanical manufacturing, in the factory workshop or directly at the reception: the supply solutions of Würth Industrie Service are a success and contribute to greater efficiency and productivity. The example of Elster shows not only what potential and opportunities exist in the field of "MRO products with a system", but also how successful cooperation can be achieved over the years. The customer is supported at all times by the experienced employees in the fields of CPS®SAFETY occupational safety as well as by digital supply systems of the C-Parts experts, whose teamwork makes a decisive contribution to the sustainable success of all projects.

Photo material



Photo: PPE dispensing_Production_1.jpg

Caption: Elster has been relying on the intelligent supply concepts of Würth Industrie Service since 2014 at the Mainz-Kastel site for the supply of personal protective equipment.

Photo source: Elster GmbH

Brief profile of Würth Industrie Service GmbH & Co. KG

Within the Würth Group, Würth Industrie Service GmbH & Co. KG is responsible for the supply of the industrial sector. Since its foundation in 1999, Würth Industrie Service is located at the Industriepark Würth in Bad Mergentheim, Germany with over 1.700 employees.

As a complete C-Parts provider, the company offers its customers a specialised product range of over 1,100,000 items: from screws, connection and fastening technology, tools to chemical-technical products and occupational safety. In addition to the extensive standard range, the strength of the company lies in its customer-specific, logistical and dispositive supply and service concepts as well as in special parts. Under the service brand "CPS® - C-Product Service", the company offers modular solutions, which are customised as per customer-specific requirements. Thereby, the consumption-based and demand-based systems significantly rationalise the processes for purchase, logistics and quality assurance and enable the procurement of small parts in a cost-optimised manner. Logistic and dispositive services such as shelving systems with scanners or a just-in-time supply using Kanban bin systems contribute significantly to increasing the productivity.