PRESS RELEASE

The new ORSY®mat WGT

Automatic material supply with weighing system for MRO requirements

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Bad Mergentheim/Main-Tauber district, Germany. The new ORSY®mat WGT weighing system, where WGT stands for weight, from Würth Industrie Service GmbH & Co. KG is one of six automatic vending machine models offering secure, automated supply of tools and operating materials in industrial production and maintenance. The latest vending machine system features integrated weighing technology and is particularly suitable for simultaneous retrieval of multiple items, retrieval of individual items within a packaging unit and fully automated re-ordering of MRO products.

Efficient supply of tools and operating materials

Operating materials such as sanding discs, drills, hand tools or gloves usually have a low goods value. But if one of these items is missing, this can halt production, resulting in huge costs and making the item significantly more essential with each second that passes. The ORSY®mat vending machine solutions from Würth Industrie Service make sure this never happens. Manufacturing customers can benefit from the secure, automated supply of indirect materials, which is perfectly tailored to their specific requirements, all with reduced procurement costs. The machine makes material supply significantly simpler, as items are available 24/7 and are re-ordered automatically based on the rate of consumption. This ensures there is always sufficient stock without tying up too much capital or storage space, and also helps reduce the risk of items becoming obsolete. Placing the machine in a central location means the main material output is more accessible, freeing up time for core processes in purchasing, logistics, production and maintenance.

Innovative weighing technology

The ORSY®mat WGT uses precise weighing cells that store the weight of each product to detect when an item is retrieved. This technology enables the retrieval of individual items within a packing unit as well as the simultaneous retrieval of multiple items, just like in standard material cabinets.

The weighing system is equipped with various sizes of weighing cells, making it suitable for the management of most tools and operating materials. Large

weighing cells can be installed in the ORSY®mat WGT to allow large-volume items such as protective suits, leather gloves or large sanding discs to be stored. Each machine is capable of storing and managing up to 80 different items. If multiple vending machines with weighing systems are being used, the modules can be connected together with one vending machine acting as the control system, so the user only needs to log in once to gain access to all the units.

In order to avoid unauthorised access, the ORSY®mat WGT and the other vending machine systems are access-protected, with the option to add different user permissions. RFID cards are used for login and retrieval, and can be used with all vending machines.

Transparent process

The ORSY®mat systems are closely linked to the Würth Industrie Service ERP system. All item data, such as the article number, name and images, are loaded from the Würth system via the wireless network. This is the same for orders: Once an order has been generated, it is transmitted to the Würth Industrie Service ERP system without any manual input by the employee. After retrieval, the item data, description and removal quantity are automatically transferred to the Würth system and a logistically optimised refill is triggered. All transaction data for the vending machine systems is presented clearly and simply in the reporting system. Retrievals can also be assigned to specific cost centres.

Extensive analysis functions enable a wide range of consumption and usage data to be considered as part of the material management, providing complete transparency. The relevant cost centres can also be evaluated, which offers a high degree of traceability. The key figures can then be used for evaluating internal ordering processes, for example.

Further information about the weighing system can be found at:
www.wuerth-industrie.com/orsymat

Image material:

Image 1: ORSYmat WGT — Wiegesystem für MRO-Bedarfe.JPG

Image caption 2: ORSYmat WGT — weighing system for MRO requirements
Source: Würth Industrie Service archive