

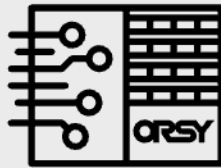
# ORSY<sup>®</sup> MAT SYSTEMS

The holistic vending machine concept  
for operating and auxiliary materials

DECADES OF MASTERY | TRANSFORMATIONAL RESILIENCE



**MAXIMUM SECURITY FOR YOUR  
MATERIALS MANAGEMENT**



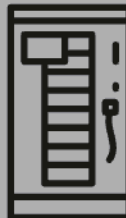
**VARIOUS MODELS  
FOR YOUR NEEDS**



**LOG IN  
RETRIEVE PRODUCT  
AUTOMATIC REORDERING**



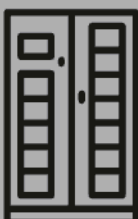
**ORSY<sup>®</sup> MAT FP  
FLAP BASED VENDING MACHINE**



**ORSY<sup>®</sup> MAT RT  
ROTATION BASED VENDING MACHINE**



**ORSY<sup>®</sup> MAT HX  
HELIX BASED VENDING MACHINE**



**ORSY<sup>®</sup> MAT WGT  
WEIGHING SYSTEM**



**ORSY<sup>®</sup> MAT CHE  
HAZARDOUS SUBSTANCE SYSTEM**

**1**

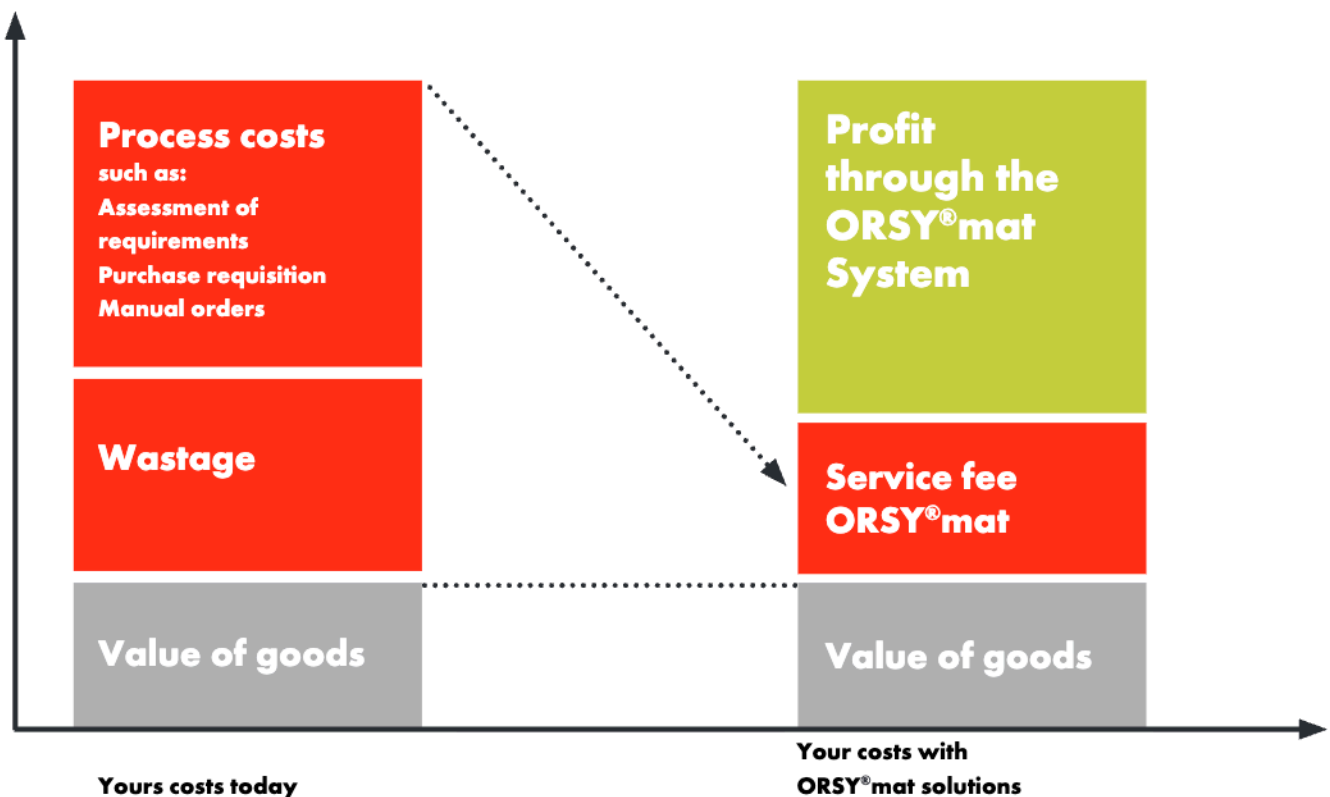
**OUR PROMISE –  
C-PARTS. WITH CERTAINTY.**

# IN A NUTSHELL

## What is an ORSY<sup>®</sup>mat system?

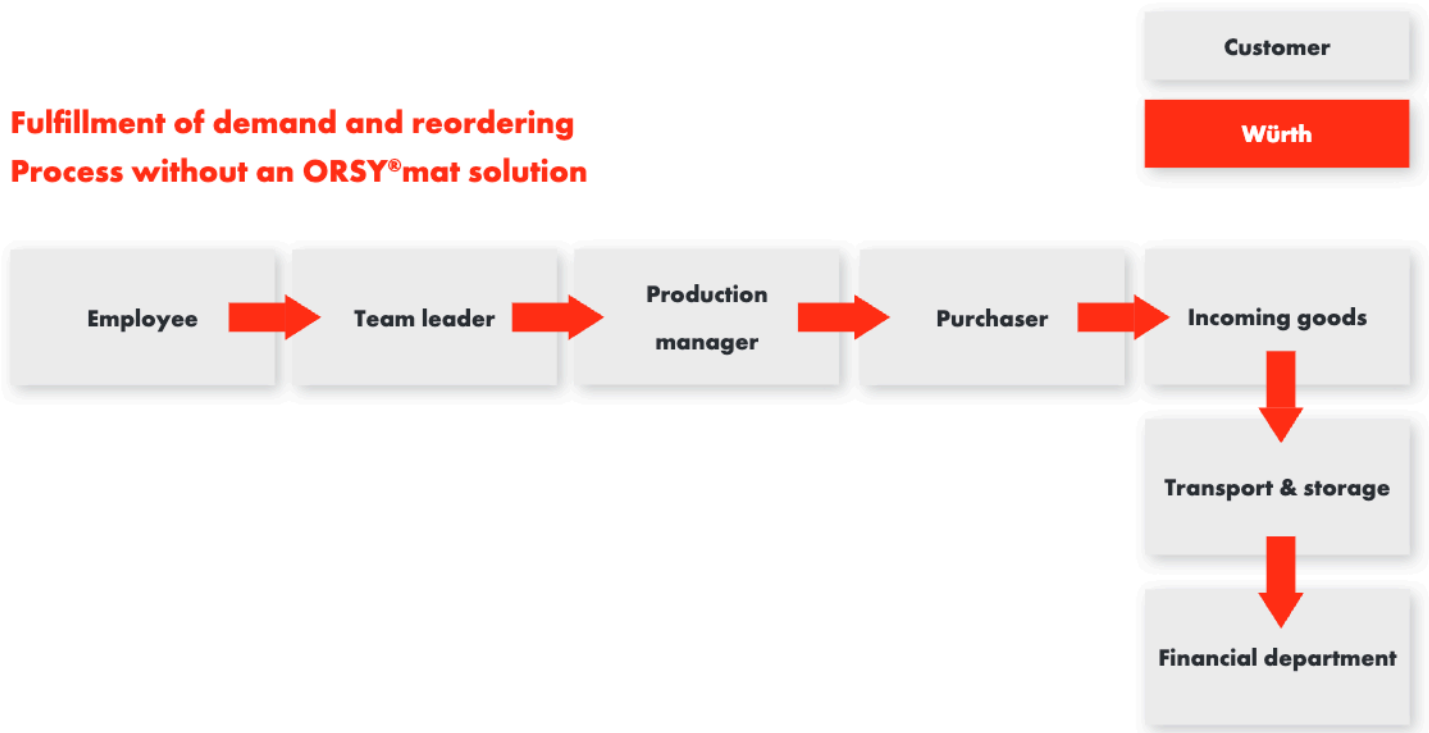
**ORSY<sup>®</sup>** is the shelving system that provides optimal storage and provision of materials, enabling you to implement an **OR**dered materials management **SY**stem. Our vending machines are available in various models for an autom**at**ed material supply. All vending machines are access-restricted and closed systems with fully automatic reordering function. For this very safety reason, our customers trust in our solutions. Using the combinable models of our vending machines, we take care of the supply, storage, provision to the fully automatic reordering of your operating supplies. All processes are transparent and therefore completely traceable. The modular design offers the flexibility for a clear, transparent and time-independent supply with direct reordering of your requirements. With the help of this intelligent automated material supply, we reduce your procurement and storage costs, increase the availability of goods and reduce the wastage of consumables.

## See the benefits for yourself:

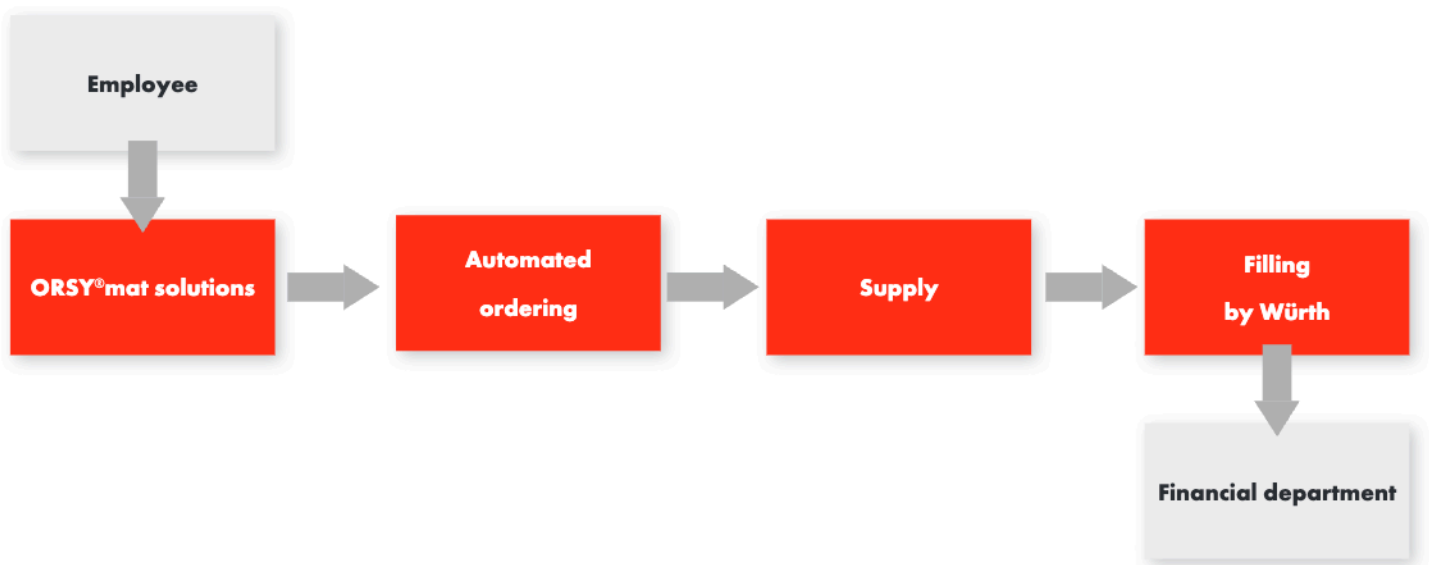


# PROCESS SIMPLIFICATION WITH THE ORSY<sup>®</sup>MAT SOLUTIONS

## Fulfillment of demand and reordering Process without an ORSY<sup>®</sup>mat solution



## Fulfillment of demand and reordering Process with an ORSY<sup>®</sup>mat solution



# BENEFIT FROM THESE ADVANTAGES.



## **Access-restricted storage**

The ORSY<sup>®</sup>mat system is a closed system which allows only authorized persons to access the items.

## **Maximum process transparency**

The system sends individual reports by e-mail as well as all collected data as an Excel file. This gives you an overview of all transactions, withdrawals and order placements. Cost center assignment is also possible.

## **Modular design**

The composition of the combinable vending machine modules is made according to your product variety, product size and quantities you require.

## **Easy connection**

The machines only need a power supply to order all withdrawn articles fully automatically. Via mobile network, communication directly takes place with the ERP system of Würth Industrie Service. An integration into your existing network is not necessary.



### **Reduced costs**

Due to careful handling, reduced consumption and workload for your employees, you not only reduce material costs, but also gain time to concentrate on your core business.

### **Easy integration into the material supply**

The machines can be integrated into the existing material supply without any problems. You do not have to change internal processes.

### **Automatic reordering**

Withdrawn items are automatically reordered. The orders are collected in our logistics department and delivered within the agreed cycle. Optional storage of the goods by employees of Würth Industrie Service.

# JUST ONE CLICK AND YOU GET A COMPLETE OVERVIEW

## Maximum transparency and full control

The ORSY<sup>®</sup>mat systems are closely linked to the ERP system of Würth Industrie Service. All items data, such as item-number, designation, material image and your material number are precisely provided by the Würth system via the mobile network. Via the same route, the triggered orders are transmitted in real time to the ERP system of Würth Industrie Service. A connection to your ERP system is also possible.

In the order control of the ORSY<sup>®</sup>mat systems, an order item collector is stored to order the articles in an logistically optimized way via the mobile network – without any manual entry of your employees. A fully automatic and precise allocation of the withdrawal to your defined cost centers is also possible. The reporting file is sent by e-mail. In addition, we offer you an overview of the use and consumption of the articles on the online platform “Service Center” at any time.

Protocol											
Standard <input type="checkbox"/> Event <input type="checkbox"/> Pick <input checked="" type="checkbox"/> Year <input type="text"/> Automat ID <input type="text" value="1222"/> Customer ID <input type="text" value="Customer ID"/>											
Event	Article Number	Art Description	Automat ID	Module	Level	Troy	Amount	Date	Automat User ID	Calendar week	
Pick	0827082025061 10	KNPFZELLE LITHIUM-CR2025-3V	1222	1	2	1	0	7/7/2022 13:02:27	ADMIN	27	
Pick	0827082025061 10	KNPFZELLE LITHIUM-CR2025-3V	1222	1	2	1	0	6/28/2022 13:49:12	WIS-Admin	26	
Pick	0827111 961 4	BATT-ALKALI-AAA-MICRO-1R03-1,5V	1222	1	4	1	4	6/3/2022 13:32:35	Würth Admin	22	
Pick	0827111 961 4	BATT-ALKALI-AAA-MICRO-1R03-1,5V	1222	1	4	1	0	5/25/2022 09:50:31	WIS-Admin	21	
Pick	1931010102990 1	HINDSHH-NITRAS-(FLEXIBIE FIT.8800)-GR8	1222	1	2	4	25	5/24/2022 17:49:26	1	21	
Pick	0899110503961 15	AEMSHZMASK-CM3000-VENTIL(FFP2-NR.D)	1222	1	2	3	30	5/24/2022 17:49:20	1	21	
Pick	0827112 961 4	BATT-ALKALI-AA-MIGNON-LR6-1,5V	1222	1	2	2	4	5/24/2022 17:49:14	1	21	
Pick	0827082025061 10	KNPFZELLE LITHIUM-CR2025-3V	1222	1	2	1	50	5/24/2022 17:48:54	1	21	
Pick	0827112 961 4	BATT-ALKALI-AA-MIGNON-LR6-1,5V	1222	1	2	2	22	5/6/2022 15:40:03	1	18	

**24/7**

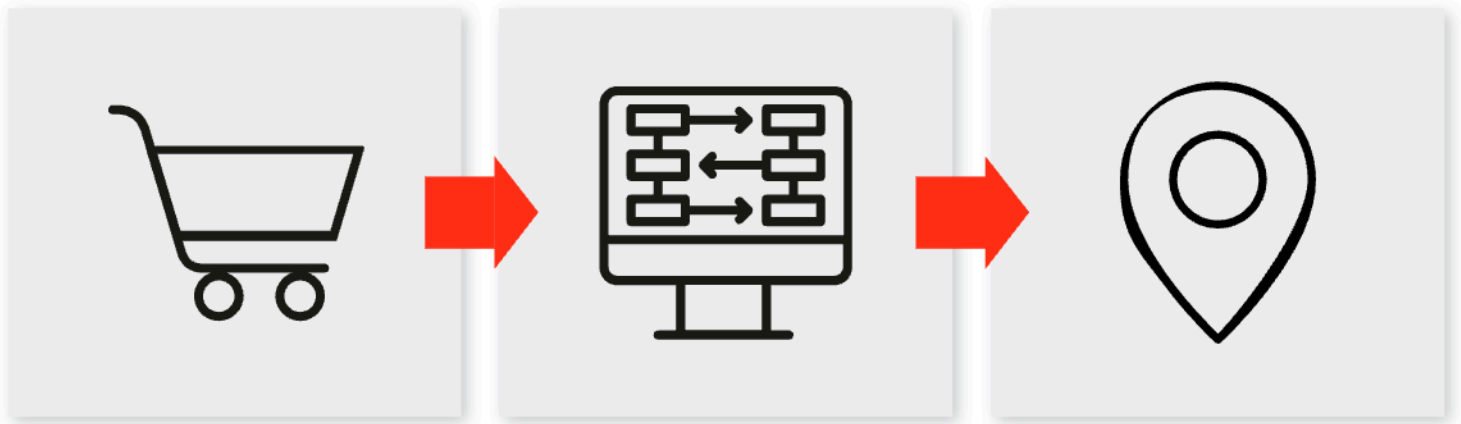
**TRANSPARENCY**

# **AGILITY & FLEXIBILITY**

# SIX STEPS TO YOUR INDIVIDUAL SYSTEM

## Let's get started!

We work with you to develop your customized vending machine designed to suit your working situation. You specify the scope and contents.



### 1. Define the product range

- Gather and assess your material requirements
- Record your requirements on the supply

### 2. Plan the modules

- Customized planning of individual modules
- Location planning
- Logistics concept

### 3. Check the installation location

- Space requirements
- Power connection
- Mobile phone reception



### 4. Your approval

- Product approval
- Sign the contract
- Access rights

### 5. Set up the system

- Position the modules
- Quality and function check
- Indirect stocking

### 6. Commissioning

- Train your employees
- Set up your individual configuration

# **SIMPLE. PRACTICAL** **LOG IN. RETRIEVE PRODUCT.**



**THE SYSTEM REORDERS AUTOMATICALLY.  
WITHOUT HIGH PROCESS COSTS.**



**AS INDIVIDUAL  
AS YOUR  
REQUIREMENTS.**

# THE PROCESS OF YOUR SYSTEM SOLUTION



**1. Access after identification**



**2. Product withdrawal**



**5. Storage**



**3. Reordering**



**4. Supply**

**4. Supply**

# OUR VENDING MACHINES AT A GLANCE.

The special feature of these three machine types is their individual combination. The vending machine types FP, RT and HX can be combined with each other on a modular basis. Identification is via pin code, bar code or RFID (Radio Frequency Identification).



**ORSY®mat FP**  
**Flap based system**

This system is ideally suitable for the storage and provision of high-quality, but bulky commodities and consumables.



**ORSY®mat RT**  
**Rotation based system**

This system is suitable for the securely guided dispensing of various small or medium-sized items, such as drills, bits and grinding discs.



**ORSY®mat HX**  
**Helix based system**

This system is ideally suitable for dispensing single units of frequently required auxiliary and operating materials, such as gloves.



**ORSY®mat DR Light**  
**Drawer based vending machine**

The drawer-based vending machine is particularly suitable for storing, stocking and dispensing high-quality or particularly sensitive items.

The WGT and CHE vending machine types can be combined with each other in a modular way. Identification is via PIN code or RFID.



**ORSY®mat WGT**  
**Weighing system**

This system with integrated weighing cells is particularly suitable for the removal of several items at the same time as well as for removing individual pieces.



**ORSY®mat CHE**  
**Hazardous substance system**

This system is suitable for the safe, needs-based and legally compliant storage of chemical-technical products



**ORSY®mat DR WGT**  
**The drawer vending machine with weighing technology**

The system is suitable for managing, stocking and dispensing tools, measuring and test equipment, maintenance materials as well as high-quality items.

# THE FLAP BASED VENDING MACHINE

**ORSY<sup>®</sup>MAT FP**

**A REAL  
ALLROUNDER**

**AVAILABLE IN  
10 MODELS**

**UP TO 72  
FLAPS  
POSSIBLE**

**AVAILABLE  
WITH OR  
WITHOUT  
CONTROL**

**SECURED  
ACCESS**

**STORAGE AND  
PROVISION**

**SUITABLE FOR PROCESSING  
RETURNABLE PACKAGING**

**OUTPUT WHOLE  
PACKAGING  
UNITS**

# THE VENDING MACHINE FOR COMMODITIES AND CONSUMABLES

## Our ORSY<sup>®</sup>mat FP (flap based system)

The innovative control system communicates directly with the ERP system of Würth Industrie Service and thus allows transparent inventory management and replenishment of operating materials. Ten variants of the ORSY<sup>®</sup>mat FP with up to 72 flaps are available for your individual needs. We work with you to develop your individual and modular vending machine designed to suit your working situation. In addition, the flap based vending machine is used for transparent returnable packaging processing, e.g. by securely storing, dispensing and re-stocking machines after use.

## Our co-worker of the future – ORSY<sup>®</sup>mat designed to be mobile.

With a feasibility study of the mobile ORSY<sup>®</sup>mat, the two partners Würth Industrie Service and Gessmann, a provider of robotics and system solutions, are making it possible to supply materials right to the workplace.



# YOUR INDIVIDUAL VENDING MACHINE SUITABLE FOR YOUR REQUIREMENTS

You can choose from ten **ORSY<sup>®</sup>mat FP** variants with external dimensions of 60 x 200 x 56 cm (W x H x D) and up to 72 flaps.

**ORSY<sup>®</sup>mat FP M65 with control**



**ORSY<sup>®</sup>mat FP M33 with control**



**ORSY<sup>®</sup>mat FP M27 with control**



**ORSY<sup>®</sup>mat FP S72 – Add-on module S72**



**ORSY®mat FP S36 – Add-on module S36**



**ORSY®mat FP S34 – Add-on module S34**



**ORSY®mat FP S18 – Add-on module S18**



**ORSY®mat FP S10 – Add-on module S10**



**ORSY®mat FP S9 – Add-on module S9**



**ORSY®mat FP S5 – Add-on module S5**



# THE ROTATION BASED VENDING MACHINE

**ORSY<sup>®</sup>MAT RT**

**MODULAR  
DESIGN**

**4 TO 48  
COMPARTMENTS  
PER LEVEL**

**UP TO 480  
COMPARTMENTS  
IN ONE MACHINE**

**SUITABLE FOR  
SMALL  
ARTICLES  
SUITABLE**

**SECURE  
STORAGE**

**REMOVAL OF WHOLE  
PACKAGING UNITS**

**FILLING DEPENDING ON THE  
PACKAGING UNIT**

**24H  
AVAILABILITY  
OF GOODS**

# THE VENDING MACHINE IMPRESSES WITH ITS VARIETY OF PRODUCTS

## Our ORSY<sup>®</sup>mat RT (rotation based system)

The rotation based vending machine impresses with its flexibility regarding the variety of products and can be integrated into your material supply without changing your internal processes. It also allows an individual composition depending on the diversity of your product range, the size of the items and your requirements. The vending machine is particularly suitable for production companies that require a large number of medium-sized operating supplies. The different designs of the compartments form the basis for utmost flexibility in terms of quantitative capacity. With external dimensions of 90 x 200 x 80 cm (W x H x D), the vending machine offers space for 4 to 48 compartments per level and can therefore be used for the provision of up to 480 different items.

**ORSY<sup>®</sup>mat RT with control**



**ORSY<sup>®</sup>mat RT as add-on module**



# THE HELIX BASED VENDING MACHINE

**ORSY<sup>®</sup>MAT HX**

**UP TO 48 PRODUCTS AND  
1,000 UNITS IN ONE SYSTEM**

**ESPECIALLY SUITABLE FOR GLOVES  
AND CUTTING DISCS**

**FLEXIBLE  
NUMBER  
AND SIZES OF  
SPIRALS**

**INDIVIDUAL  
COMPOSITION**

**INDIVIDUAL REMOVAL  
OF ITEMS**

**SPLITTING OF PACKAGING  
UNITS POSSIBLE**

**TRANSPARENCY  
ABOUT YOUR  
CONSUMPTIONS**

# IDEAL FOR OPERATING SUPPLIES AND SAFETY PRODUCTS

## Our ORSY<sup>®</sup>mat HX (helix based system)

This helix based vending machine should not be missing in your material management. This variant is the ideal solution for dispensing single units of frequently required operating supplies and industrial safety products. With regard to the product range, item size and quantity requirements, the helix based vending machines are designed to suit your needs and can be seamlessly integrated into your material supply. This system impresses with its high product variety and the flexible number and sizes of spirals. The „shop window effect“ ensures that items can be rapidly found. ORSY<sup>®</sup>mat HX recognizes the withdrawal of the last article of a packaging unit and then triggers reordering. The external dimensions of 90 x 200 x 80 cm (W x H x D) and the different numbers of spirals form the basis for utmost flexibility in terms of quantitative capacity.

**ORSY<sup>®</sup>mat HX with control**



**ORSY<sup>®</sup>mat HX as add-on module**



# WEIGHING SYSTEM FOR MRO DEMANDS

**ORSY<sup>®</sup>MATWGT**

**SIMULTANEOUS  
WITHDRAWAL OF  
SEVERAL ITEMS POSSIBLE**

**STORAGE OF  
LARGE-VOLUME  
ITEMS**

**WITHDRAWAL  
ON ITEM LEVEL**

**FOR  
CONSUMABLES  
WITH MEDIUM  
DEMAND**

**ACCESS-  
RESTRICTED**

**PRECISE WEIGHING  
TECHNOLOGY**

**COMPLETE STOCK  
OVERVIEW AT ANY TIME**

**STORAGE  
OF HIGH  
QUANTITIES  
POSSIBLE**

# HOW MUCH WOULD YOU LIKE? WEIGH OUT.

## Our ORSY<sup>®</sup>mat WGT (weighing system)

The ORSY<sup>®</sup>mat WGT recognizes article withdrawals on the basis of integrated weighing cells which record the weight of the stored item. This technology allows you to remove individual items independent of the packaging unit. In addition, it is possible to remove several articles from the vending machine at the same time – as it is the case with an ordinary material cabinet. As soon as the machine is closed after removal, it automatically counts the items stock inside – this ensures a complete stock overview at any time. Due to weighing cells in different sizes, the system is suitable for the management of almost all auxiliary and operating materials. Even large-volume items such as protective suits, leather gloves or large grinding discs can be optimally stored in the ORSY<sup>®</sup>mat WGT thanks to the installation of large weighing cells.



# HAZARDOUS SUBSTANCE SYSTEM

**ORSY<sup>®</sup>MAT CHE**

**SAFE AND LEGALLY  
COMPLIANT STORAGE**

**SUITABLE FOR  
CANS AND  
CANISTERS**

**UP TO 320  
PRODUCTS  
POSSIBLE**

**FOR CHEMICAL-  
TECHNICAL  
PRODUCTS**

**EFFICIENT  
SPACE  
UTILIZATION**

**SECURE SUPPLY**

**CONSUMPTION REDUCTION  
THROUGH CONTROLLED ACCESS**

**AUTOMATIC  
REPORT  
DISPATCH**

# A MATERIAL STORAGE FOR CHEMICAL SUBSTANCES

## Our ORSY<sup>®</sup>mat CHE (for chemical-technical products)

The hazardous materials cabinet with its variable number of levels is suitable for the safe and demand-oriented storage of your chemical-technical products such as cans or canisters in the work area. It is the first system for storage of hazardous substance that reorders not only automatically, but above all independently. Legally compliant storage and exclusive access with authorization: The ORSY<sup>®</sup>mat CHE combines these two characteristics. The machine is available in sizes XS and XL, each with and without control.

**ORSY<sup>®</sup>mat CHE XS**



**ORSY<sup>®</sup>mat CHE XL**



# DRAWER BASED VENDING MACHINE

**ORSY® MAT DR LIGHT**

**OUTPUT OF  
HIGH QUALITY  
ARTICLES**

**TOOLS**

**MAINTENANCE  
MATERIALS**

**MEASURING  
AND TESTING  
EQUIPMENT**

**A LOT OF  
STORAGE SPACE  
IN A SMALL  
ROOM**

**SUITABLE FOR STORING  
AND STOCKING**

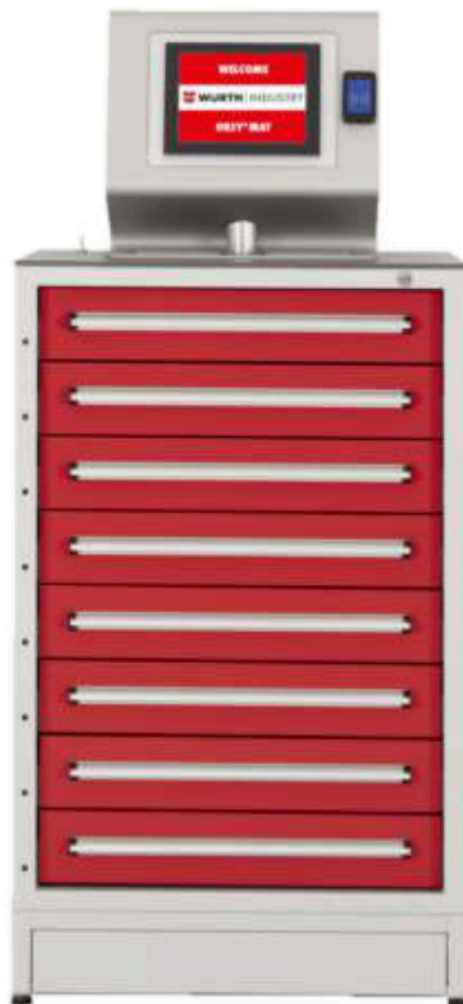
**FAST EXTRACTION  
PROCESS**

**PER DRAWER  
4 TO 35  
STORAGE  
SPACES**

# DRAWER OPEN FOR YOUR PRODUCTS

## Our ORSY<sup>®</sup>mat DR Light

The drawer-based vending machine is particularly suitable for storing, stocking and dispensing high-quality or particularly sensitive items, such as tools, maintenance materials, measuring and testing equipment.



# DRAWER BASED VENDING MACHINE

**ORSY® MAT DR WGT**

**OUTPUT OF  
TOOLS**

**UP TO 280  
STORAGE  
SPACES**

**ELECTRONIC  
INTERLOCK**

**INSERT-  
INNOVATIVE  
WEIGHING  
CELLS**

**REMOVAL  
OF SEVERAL  
ARTICLES  
SIMULTANEOUSLY**

**INDIVIDUAL SUBJECT  
CLASSIFICATION**

**FAST EXTRACTION  
PROCESS**

**PER DRAWER  
4 TO 35  
STORAGE  
SPACES**

# DRAWER OPEN FOR YOUR PRODUCTS

## Our ORSY<sup>®</sup>mat DR WGT

The automatic drawer system with weighing technology is an economical and safe solution for entering the world of automated tool dispensing and management. The system is suitable for managing, stocking and dispensing tools, measuring and testing equipment, maintenance materials and high-value items. Make your materials management even more productive now! The technology of the ORSY<sup>®</sup>mat DR WGT is based on precise weighing cells that store the weight of the products and thus recognize an article withdrawal. By using this technology, individual articles as well as several articles can be removed from the machine at the same time - just like in an ordinary material cabinet. Weighing cells in different sizes make the weighing system suitable for managing almost all auxiliary and operating materials.



# ORSY<sup>®</sup>MAT SYSTEMS

**Holistic vending machine concept for operating and auxiliary materials**

**WÜRTH PROFESSIONAL SOLUTIONS LLC.**

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