

Wuerth Industrial Services Malaysia

# ORSY<sup>®</sup>mat

Automatic supply and maximum security for your materials management

**DECENTRALIZED SUPPLY** Documented **FULLY AUTOMATIC**

**24/7** **TRANSPARENCY** **REORDERING**

Order overview

**Modular design**

Focus on core competence

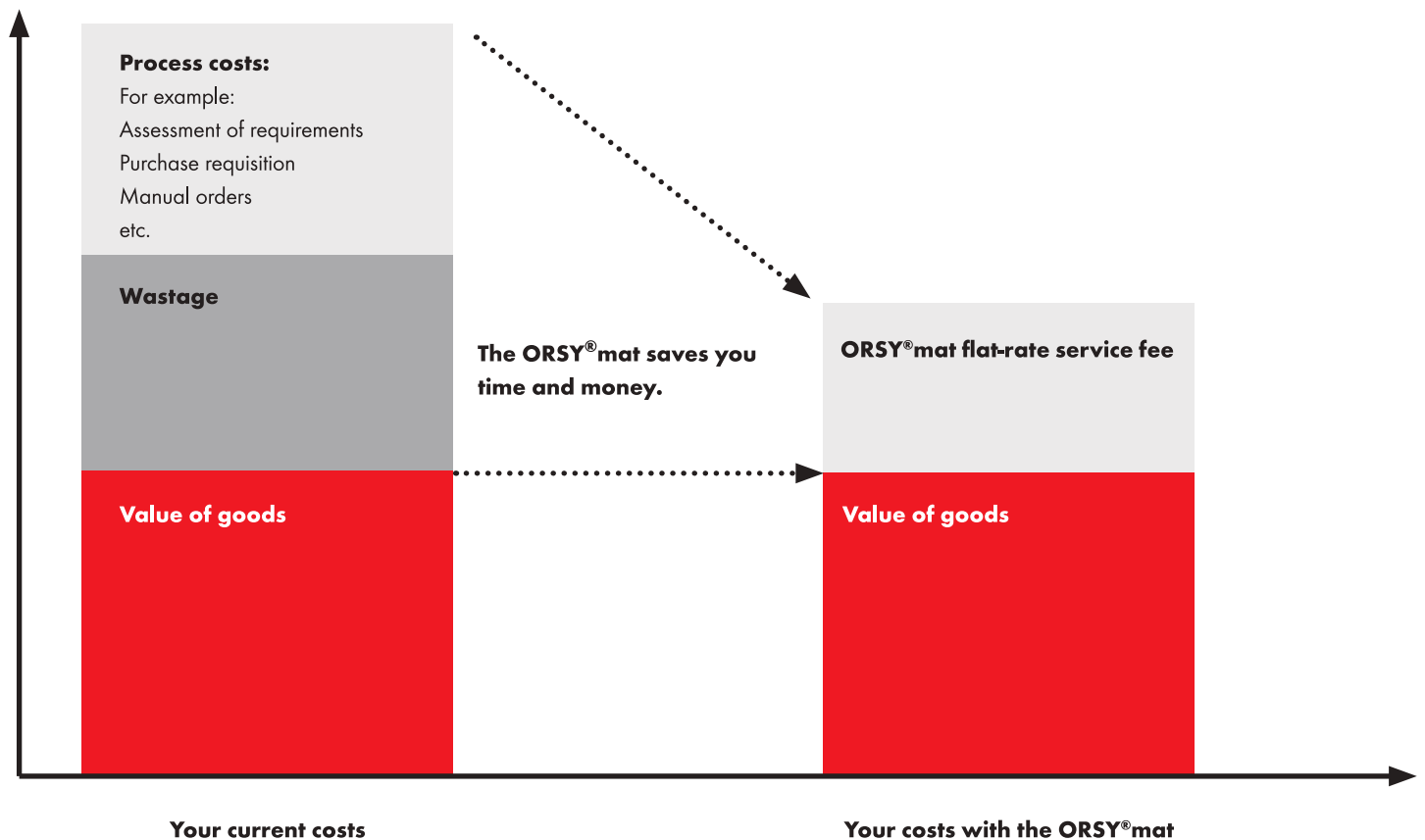
**REDUCTION OF WASTAGE** **Stock availability** Access controlled



## WHAT IS ORSY<sup>®</sup>mat AND WHY USE IT?

**ORSY<sup>®</sup>** is the racking system that provides optimal storage and provision of materials, enabling you to implement an **OR**dered materials management **SY**stem.

Our new **ORSY<sup>®</sup>mat** vending machines are available in various models for an autom**atic** materials management system which will reduce your procurement and storage costs, increase the availability of goods and reduce wastage of high-value consumables.



The ORSY<sup>®</sup>mat fits perfectly into the management of your maintenance, repair and operations (MRO) products or high-value supplies:



Hand Tools



Personal Protective Equipment



Cutting & Grinding Tools



Electric & Pneumatic Tools

## ORSY<sup>®</sup>mat – THE DIVERSE SYSTEM

Our **ORSY<sup>®</sup>mat** solutions combine efficient, automated procurement with a high degree of flexibility in the storage and provision of operating supplies (MRO) for your employees – directly at their point of use.

All of the systems give you the following functions, which can be tailored to your requirements and working environment.

Your customised ORSY <sup>®</sup> mat – as individual as your needs			
Identification required for access	<ul style="list-style-type: none"> <li>PIN code</li> </ul>	<ul style="list-style-type: none"> <li>RFID</li> </ul>	<ul style="list-style-type: none"> <li>Barcode</li> </ul>
Article withdrawal	<ul style="list-style-type: none"> <li>Direct selection</li> </ul>	<ul style="list-style-type: none"> <li>Select products on the display</li> </ul>	<ul style="list-style-type: none"> <li>Scan product barcodes</li> </ul>
Automated ordering	<ul style="list-style-type: none"> <li>After every withdrawal</li> </ul>	<ul style="list-style-type: none"> <li>Regularly</li> </ul>	
Individual assignment of user rights	<ul style="list-style-type: none"> <li>By functions such as withdrawal, storage, reassignment etc.</li> </ul>		
Transparency	<ul style="list-style-type: none"> <li>Each withdrawal is documented</li> </ul>	<ul style="list-style-type: none"> <li>Allocation to cost centres</li> </ul>	<ul style="list-style-type: none"> <li>Reporting</li> </ul>

### YOUR ADVANTAGES AT A GLANCE

- 24 hours/ 7 days stock availability
- Comprehensive cost overview
- Maximum process transparency
- Access-restricted storage of high-valuable items
- Modular design
- Automatic order entry
- Reduction of wastage
- Short distances to the items
- Storage rental services available
- Tools Management with maintenance services reminder report.

### YOUR OBJECTIVES

- Process streamlining
- Reduce strain on your purchasing department
- Error reduction
- Automated ordering procedures
- Optimized storage and inventory management
- Decentralized supply of materials
- Lower capital commitment through reduction of inventory
- Focus on your core competence

## SIX STEPS TO YOUR ORSY<sup>®</sup>mat

Your sales representative at Wuerth will help you to plan the implementation of an **ORSY<sup>®</sup>mat** solution that is tailored to your needs.

### 1. Define the product range



- Gather and assess your material requirements

**WE MAKE IT SIMPLE!**  
**SET UP YOUR INDIVIDUAL**  
**IN JUST SIX STEP!**

### 2. Plan the modules



- Customised planning of individual modules
- Location planning

### 3. Check the installation location



- Space requirements
- Power connection
- Data connection

# ORSY<sup>®</sup>MAT

## 6. Commissioning



- Train your employees
- Set up your individual configuration



## 4. Your approval



- Product approval
- Logistics concept
- Sign the contract
- Access rights

## 5. Set up the system

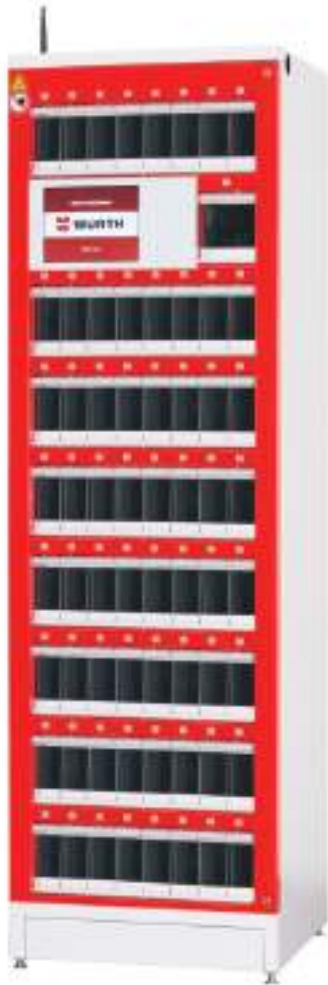


- Position the modules
- Quality and function check
- Initial stocking



## ORSY<sup>®</sup>mat FP

### THE FLAP-BASED VENDING MACHINE



ORSY<sup>®</sup>mat FP (W x H x D) External dimensions: 60 x 200 x 56 cm

- Material supplied safely through a robust, locked flap-module
- Flexibility through modularity
- Different layout from 10 variants with up to 72f laps are available
- Intuitive & easy usage for item handling



#### TIPS:

Streamline your processes with ORSY<sup>®</sup>mat FP for greater efficiency in your material management. Provide all-round solution for tools and machinery with maximum security.

- Preferred packaging unit withdrawal

## ORSY<sup>®</sup>mat FP

<b>With control system</b>	<b>1.</b> M65	<b>2.</b> M33	<b>3.</b> M27									
<b>Number of compartments</b>	65	33	8	12	4	2						
<b>Internal dimensions of compartments</b>	6x13	12x13	6x13	12x13	24x13	24x32						
<b>Without control systems</b>	<b>4.</b> S72	<b>5.</b> S36	<b>6.</b> S34				<b>7.</b> S18	<b>8.</b> S10		<b>9.</b> S9	<b>10.</b> S5	
<b>Number of compartments</b>	72	36	16	12	4	2	18	8	2	9	4	1
<b>Internal dimensions of compartments</b>	6x13	12x13	6x13	12x13	24x13	24x32	24x13	24x32	24x13	48x13	48x32	48x13

**1.**



ORSY<sup>®</sup>mat FP M65

**2.**



ORSY<sup>®</sup>mat FP M33

**3.**



ORSY<sup>®</sup>mat FP M27

**4.**



ORSY<sup>®</sup>mat FP S72  
S72 add-on module

**5.**



ORSY<sup>®</sup>mat FP S36  
S36 add-on module

**6.**



ORSY<sup>®</sup>mat FP S34  
S34 add-on module

**7.**



ORSY<sup>®</sup>mat FP S18  
S18 add-on module

**8.**



ORSY<sup>®</sup>mat FP S10  
S10 add-on module

**9.**



ORSY<sup>®</sup>mat FP S9  
S9 add-on module

**10.**



ORSY<sup>®</sup>mat FP S5  
S5 add-on module

## ORSY<sup>®</sup>mat HX

### THE HELIX-BASED VENDING MACHINE



Helix with a half twist



Helix with a single twist



Helix with a double twist

ORSY<sup>®</sup>mat HX (W x H x D) External dimensions: 88 x 200 x 88 cm

- Controlled single piece withdrawal
- Flexibility through different helix sizes
- Up to 48 single or 24 double helixes per module
- Each helix is flexible adjustable



#### TIPS:

Ideal solution for dispensing single units of frequently required MRO and personal protective equipment.

- Withdrawal of precise quantities
- Maximum availability and suitable for more frequently used items



## Your benefits at a glance:

- Individual products issued by dividing pack sizes, e.g. work gloves with a packaging unit (PU) of 6 pairs: After six pairs of gloves have been issued, the control system detects that a PU has been reached and reorders the item
- Flexible spiral quantities and sizes enable integration of a wide variety of items
- Light sensor controls the actual output of an item
- Up to 48 different products are storable within one module
- Up to 1200 units

## This machine is particularly suitable for

- Protective equipment such as gloves and safety goggles
- Tools and screwdrivers
- Spare parts and batteries
- Material processing and cutting discs
- Building materials and paint brushes and much more



ORSY®mat HX M



ORSY®mat HX S

## ORSY<sup>®</sup>mat RT

### THE ROTATION-BASED VENDING MACHINE



Field size for  
**48** fields



Field size for  
**24** fields



Field size for  
**12** fields

ORSY<sup>®</sup>mat RT (W x H x D) External dimensions: 91.5 x 200 x 88 cm

- Either controlled packaging unit or single piece withdrawal
- 4 to 48 compartments each level
- Max 8 levels / 384 articles within one module are possible
- Mixture between FP and HX



#### TIPS:

This vending machine is suitable for the secure take out of single items or packing units. The user can choose between small or medium-size items e.g. drillers, bits or grinding discs.

## Your benefits at a glance:

- Individually possible composition according to your assortment diversity, size of the articles as well as quantity requirements
- Can be seamlessly integrated into your material supply without restructuring of internal business processes
- Avoid long search for the right product
- Reduce stock levels and eliminate unnecessary duplicates



ORSY®mat RT M



ORSY®mat RT S

**You need more information?  
We will be happy to give you  
advice**

Please contact your personal sales  
representative or send us an e-mail  
[info@wuerth-industry.my](mailto:info@wuerth-industry.my)

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Your Direct Contact to Wuerth:

