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RANGE

RANGE

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Dear Industry Partner,

Efficiency is crucial to be competitive and to remain industry leaders in our respective sectors. Often, the proper management of indirect material can be overlooked as focus is concentrated on direct material and managing production. Procuring these indirect materials can quickly become a headache, especially if there is any breakdown in communication anywhere between end-user, store-person and procurer. Tracking accurate inventory and usage numbers can become overly complex, risking shortages or even employee injury if PPE is involved. In your industry, it is crucial that these risks are mitigated without compromising your operational efficiency.

"Who's the supplier?" "How much stock do I have left?" "When will the stock arrive?" "Where can we find the stock?" "Can I access the stock outside of operating hours?" This brochure will provide all the answers to your inventory management issues.

Over the last decade, Thomas Warburton and the Würth Industry Group have developed a state-of-the-art Automated Management Solution called CPS®vend, which we can optimise to address all the problems you have, or may have, with your inventory; all with the added benefit of complete transparency and data accessibility.

- Secured storage
- Automatic reordering
- Reporting
- 24/7 access
- And much more...

Together, we can design the perfect solution to suit your needs - saving your business considerable time and money.

Please take the time to read this brochure and if you may have questions, feel free to contact us. A dedicated expert will support you with all your queries.

Arnaud Gay

Head of Marketing & System Solutions

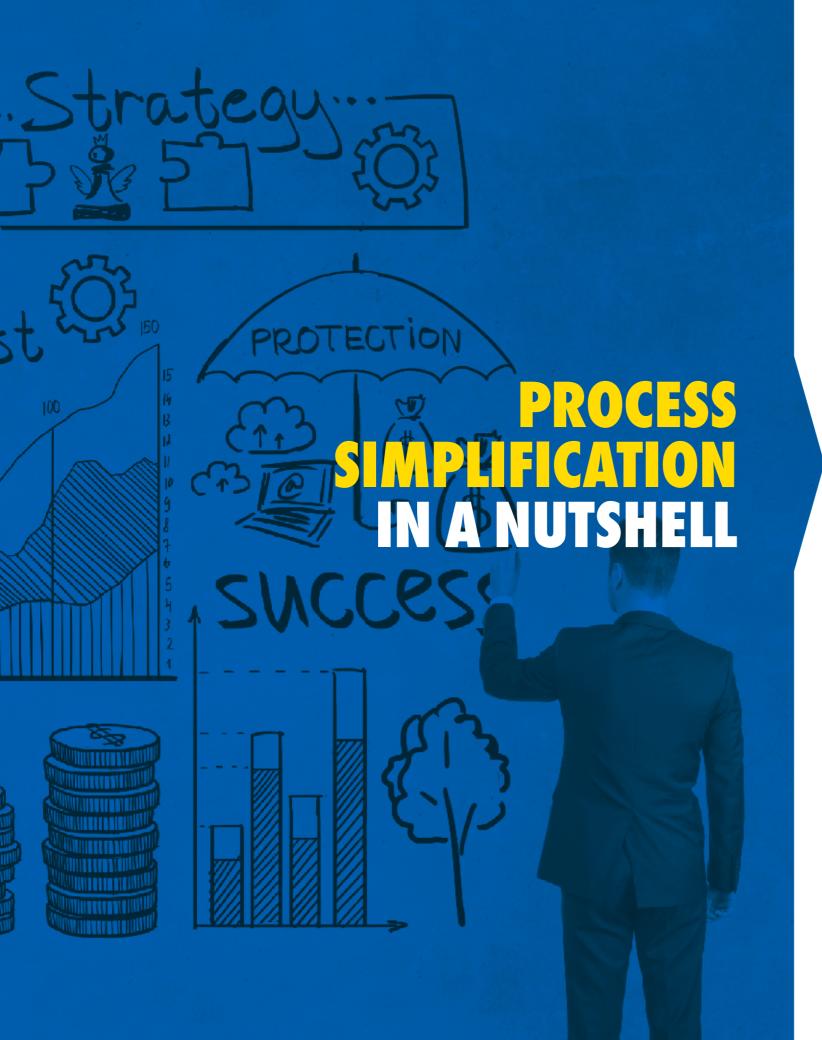




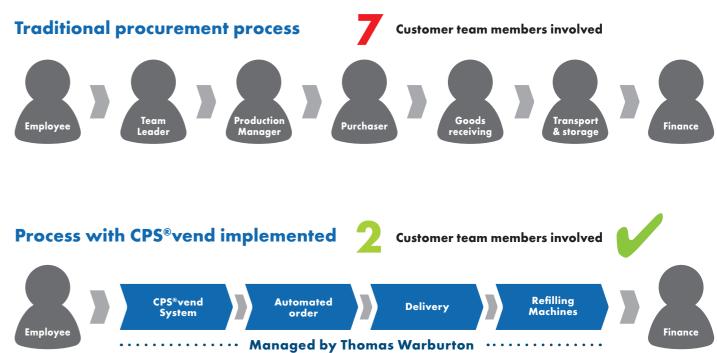
Arnaud Gay Head of Marketing & System Solutions







Fulfilment of demand and reordering



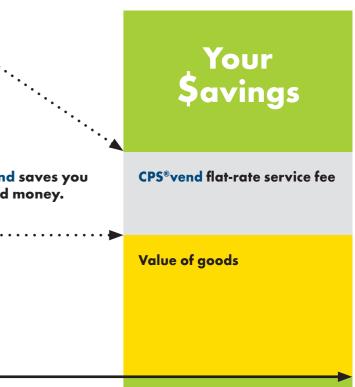


Your savings using our CPS[®]vend systems

For examp Assessme	nt of requirements requisition	····· ·····
Wasta	ge	CPS®ven time and
Value o	of goods	

Your current costs





Your costs with CPS[®]vend

CPS vend Automated Management

FINDING THE BEST SOLUTION

A comprehensive range of our CPS®vend automated vending machines are available.

Basic information on the questions below will identify your needs to provide you the best solution out of our CPS®vend range.









CPSvend Automated Materials Management

7

BENEFIT FROM THESE ADVANTAGES

THOMAS WARBURTON

Access-restricted storage

The CPS[®]vend system is a closed system which allows only authorised persons to access the items.

Maximum process transparency

The system sends individual reports by email as well as collected data as an Excel file. This gives you an overview of all transactions such as withdrawals and order placements. Cost centre assignment is also possible.

Modular design

The composition of the combinable vending machine modules is made according to your product variety, product size and qualities 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 Thomas Warburton. An integration into your existing network is not necessary.

Reduced costs

Due to reduced consumption and handling by 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.

Replenishment

We can offer you a full-service solution, where we take care of the stock replenishment of the machines directly to your production floor. Alternatively, we can train your production line team members to take care of this duty.

> CPSvend Automated Materials Management

DATA TRANSPARENCY

24/7 access

Our CPS®vend systems are connected to a 4G mobile network, directly transmitting all information to our **online platform** "Service Centre". This allows us to receive your orders instantly, but more importantly, allowing you to access all your data, anywhere, anytime. Our online platform records all your dispensed/removed items from the machines - immediately indicating when stock replenishment is required.

Usage details - who took what, when and how many parts

- All details in full transparency
- User picks, with name, date, time and quantities taken
- Login logs
- Replenishment logs
- Order transmission, with date and time
- Product management (item allocation)
- ...

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Managing new or existing users

- Directly at the machine or via our online platform
- User creation/modification/deletion
- Access right changes
- Item black list to specific users
- Upload new users list



HOW TO GET YOUR UCH THE SCREENING SYSTEM IMPLEMENTED



CPS[°]vend



SIX STEPS TO YOUR INDIVIDUAL SYSTEM

Let's get started...

To develop your dedicated vending machine system, together we will design the solution to best suit your production needs. You specify the scope and contents... we take care of the rest!





CPSvend Automated Materials Management

LOG IN. **RETRIEVE PRODUCT. THE SYSTEM REORDERS AUTOMATICALLY. IT'S THAT SIMPLE!**



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Easy Withdrawal

Secured Storage

24/7 Access

Automatic Order Entry

Data Transparency

1



















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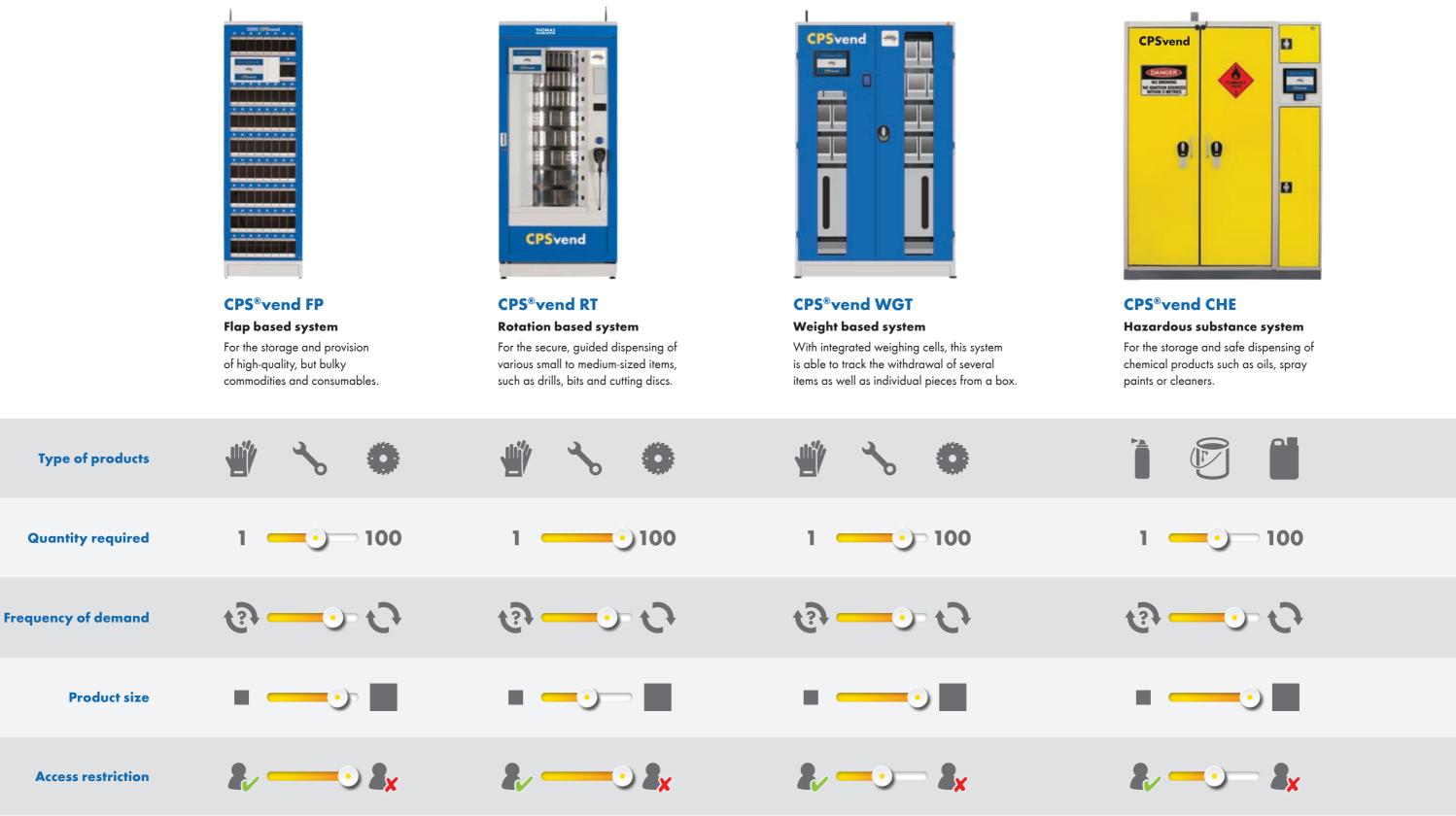
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OUR VENDING MACHINES AT A GLANCE

CPS®vend Dispensers offers a wide variety of possibilities of storage to suit different product types and demands. The 2 modules below can be combined with each other to create customised variant units. Access identification can be done via PIN code, barcode scanning (CPS[®]vend Dispensers only) or using RFID devices (cards, fobs, etc.).

CPS®vend Cabinets are self-contained systems, allowing you to take multiple items at any one time. The 2 modules below can be combined with each other (with a future possibility to connect to the CPS®vend CBL - see page 37).









DISPENSER RANGE



A REAL ALLROUNDER

10 DIFFERENT MODULES **AVAILABLE**

UP TO 72 STORAGE COMPARTMENTS

MULTIPLE UNITS CAN BE STORED PER COMPARTMENT

SECURE ACCESS

STORAGE AND PROVISION

SUITABLE FOR PROCESSING RETURNABLE ITEMS

24/7 **AVAILABILITY OF GOODS**

CPS[®]vend FP

For commodities and consumables

Offering a wide range of different modules, each module has its own specific layout to suit different product sizes ranging from 5 compartments for large-bulky products, up to a 72 compartment module for many small parts.

Key features:

- Designed to accept small to large items
- Multiple packages/pieces can be stored in the same compartment
- The glass windows allow you to easily see remaining stock levels at any time
- Provision items can have a use-by-date set, allowing you to block it, eg. for when it's time to get the items re-calibrated







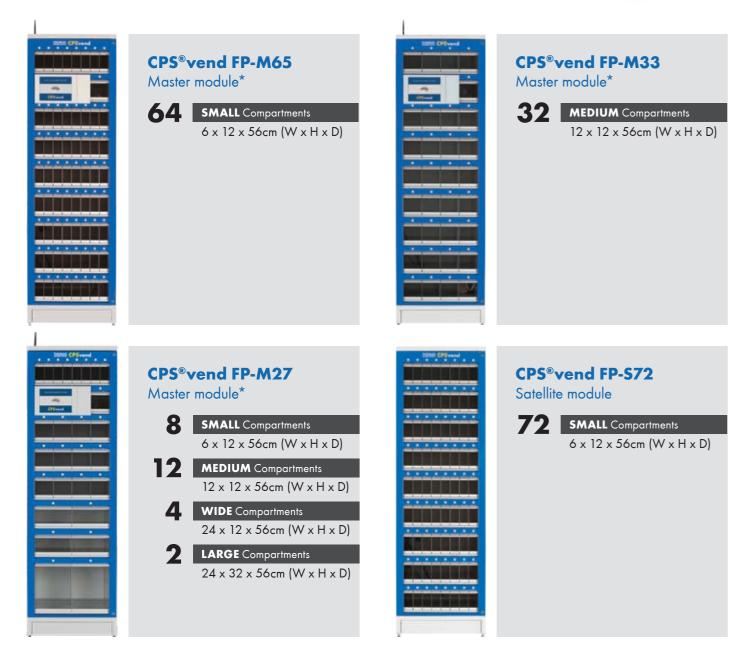


DIFFERENT MODULES SUITABLE FOR YOUR INDIVIDUAL REQUIREMENTS

Choose from ten CPS®vend FP variants - from 5 up to 72 compartments!

Machine Dimensions: 60 x 200 x 56cm (W x H x D)











16	SMALL Compartments
	6 x 12 x 56cm (W x H x D)
12	MEDIUM Compartments
	12 x 12 x 56cm (W x H x D)
4	WIDE Compartments
-	24 x 12 x 56cm (W x H x D)
2	LARGE Compartments
	24 x 32 x 56cm (W x H x D)





DISPENSER RANGE



MODULAR DESIGN

OF GOODS



CPS[®]vend RT

For commodities and consumables

Offering 2 different modules (one master, one satellite), each module is highly flexible with up to 384 compartments. Perfect for a location where needs fluctuate, and may require a layout change over time. Existing dividers can be easily removed and resized to accept more compartments (up to 48 per level).

Key features:

- Highly flexible (easy level adjustment)
- High storage capacity (up to 384 compartments)
- Automatic dispensing (once items are selected, the machine automatically dispenses them)
- Can store single products as well as full boxes

Machine Dimensions: 90 x 200 x 80cm (W x H x D)











DISPENSER EXAMPLES

Combinations are endless

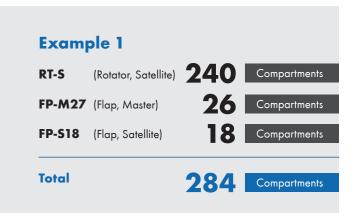
Master modules from the dispenser range can be linked to as many satellite modules required to form a set. Each set requires only one master module, regardless of the satellite additions/combination. Below are some examples of CPS[®]vend machine set combinations.



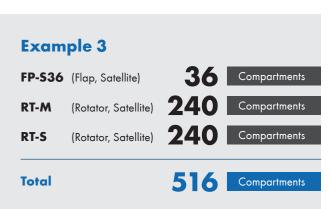
Exam	ple 2		
FP-S10	(Flap, Satellite)	10	Compartments
RT-M	(Rotator, Master)	240	Compartments
FP-518	(Flap, Satellite)	18	Compartments
Total		268	Compartments











CPS vend Automated Materials Management

CABINET RANGE

OVERVIEW AT ANY TIME

CPS[®]vend weighing system for mro t		SIMULTANEOUS WITHDRAWAL OF SEVERAL ITEMS POSSIBLE
STORAGE OF LARGE-BULKY ITEMS	WITHDRAWAL ON ITEM LEVEL	FOR CONSUMABLES WITH FLUCTUATING DEMAND
ACCESS RESTRICTED	PRECISE W TECHNOLO	
COMPLETE S	STOCK	24/7 AVAILABILITY

OF GOODS

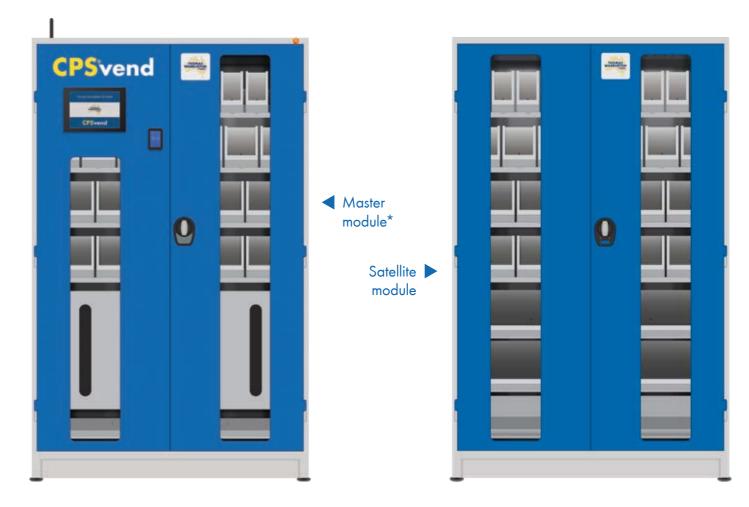
CPS[®]vend WGT For operating supplies and safety products

Offering 2 different modules (one master, one satellite), each module is highly flexible with up to 70 weighing cells. Perfect for places where users might be required to withdraw multiple items with various quantities at one time. The shelving and weighing cells are easily adjustable to accommodate smaller or larger products (up to 10 cells per shelf).

Key features:

- Flexible (2 to 7 shelves, 3 to 10 weighing cells)
- Up to 20kg per cell
- Highly accurate weighing
- Multiple products can be taken at a time
- Single products can be stored as well as full boxes
- If unused, items can be returned

Machine Dimensions: 120 x 200 x 60cm (W x H x D)









CABINET RANGE



CPS[®]vend CHE

For dispensing hazardous substances

Offering 2 different modules (one master, one satellite), each module is highly flexible with up to 84 pushing cells. Perfect to safely store and dispense chemical products such as spray cans, drums, hand dispensing bottles, etc. The shelving and pushing cells are easily adjustable to accommodate smaller or larger products (up to 12 cells per shelf).

Key features:

- Flexible (2 to 7 shelves, 2 to 12 pushing cells)
- Highly accurate measuring
- Small bottles to large drums fit easily
- Multiple products can be taken at a time
- Single products can be stored as well as full boxes
- If unused, items can be returned.

Machine Dimensions:

Master 155 x 210 x 61cm (W x H x D) Satellite 120 x 210 x 61cm (W x H x D)







Master module*

> Satellite 🕨 module



CABINET EXAMPLES





Combinations are endless

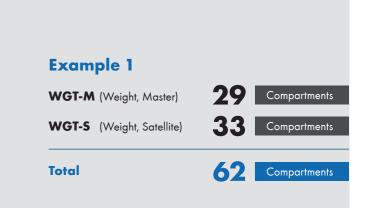
Master modules from the cabinet range can be linked to as many satellite modules required to form a set. Each set requires only one master module regardless of the satellite additions/combination. Below are some examples of CPS[®]vend machine set combinations.



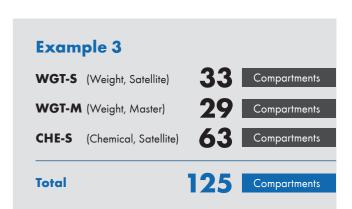
Example 2	
CHE-M (Chemical, Master)	63 Compartments
WGT-S (Weight, Satellite)	33 Compartments
Total	96 Compartments











CPSvend Automated Materials Management

ONSITE AT YOUR SITE



Automated material dispensing shop

CPS® CRIB is a material dispensing system containing your individual requirements on production equipment such as auxiliary and operating material, so that they are centrally available in one place 24/7. Whether inside a shipping container or a designated room/area, your employees take what they need and scan the items at our scan terminal, triggering the reordering of these articles.

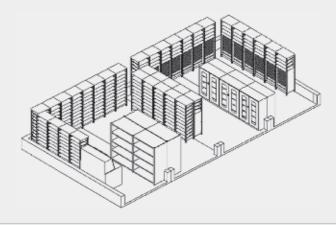
Flexible storage:

Possible security features:

- Different size racking/shelves available
- Cabinets (standard/refrigerated/fire rated)









 Automatic door locks Access gates





FUTURE INNOVATION



CPS[®]vend CBL

For dispensing cables and wires

Our teams of experts are constantly working on new innovations in order to bring you with the latest, smartest and most advanced solutions on the market.

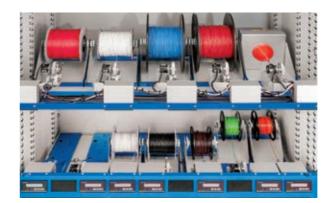
Our latest study is a vending machine capable of automatically dispensing cables and wires. The CPS®vend CBL is able to keep track of wire dispensed to the millimetre, so you know exactly what has been used for each job.

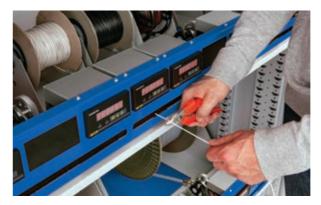
Like all CPS®vend models, the CPS®vend CBL handles the entire procurement and logistics process - from delivery, storage and stockpiling to fully automated replenishment.

The product output is possible with a diameter of 3 to 16mm and a width of 100 to 500mm.

Key features:

- Simple integration into the existing material supply system
- Multiple size reels can be fitted
- Measures the precise dispensed length
- Store up to 25 different reels
- Highly accurate













USER FRIENDLY INTERFACE

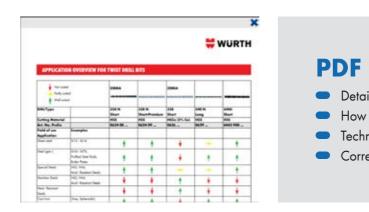
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Available stock

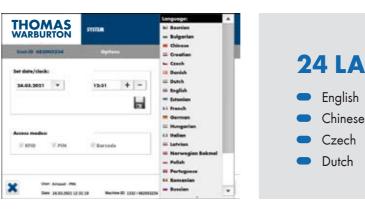
PRODUCT VIEW

- Additional product pictures
- Additional product information
- Detailed datasheets
- Possibility to add your own datasheets/work instruction



ERGONOMIC KEYBOARD

- Revisited virtual keyboard to improve the user experi-
- Main characters on the initial screen
- Additional characters available on second screen
- Possibility to change from QWERTY, to AZERTY or Q



CATALOGUE VIEW

- Product pictures, part numbers and descriptions
- Customer material number
- Direct withdrawal
- Search function (key words or part numbers)
- Multiple item selection

THOMAS WARBURTON	
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Product planer 1 2 Product informations 1 2 2 2 4 2 4	
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PDF DOCUMENTS

- Detailed product information
- How to use a product
- Technical content
- Corresponding standards

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24 LANGUAGES AVAILABLE

- German Hungarian

French

- Italian
- Norwegian Portuguese Russian



ADDITIONAL FEATURES



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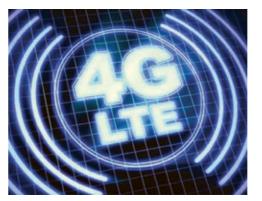
USER ADMINISTRATION

- Create/edit/block users
- Login method (PIN, RFID card/FOB or barcode)
- Multiple ways to identify an employee (name, numbe
- Access rights
- Language
- Item blacklist



3RD PARTY ITEMS

- Manage your 3rd party items
- Customise the product description and part number
- Get your own pictures
- Get notified by email when an item needs to be repleted.
- Add supplier information



TAL GOODS

- eturning products, such as power tools, or measuring equipment mum rental period function (in days)
- of use date (ideal for where recalibration is required)
- specific (which user has rented a specific product)

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	Variants	Administrator		
	System	Service	Save user	
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STORAGE FUNCTION

- Refill the machine by yourself
- Allows you to scan a delivery note or alternatively
 - you can select manually each individual item
- Search function available too

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	Support activity for:	
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	Clear item	data
	*	

4G CONNECTION

- No internal connections to customer network required
- Direct communication with our Online Platform
- Send orders instantly
- Access to your data, anywhere, anytime



TECHNICAL SUPPORT

YOUR OVERALL BENEFITS



Supporting you has never been this easy!

Our instant remote access to the CPS[®]vend machines via the 4G network enables our team to guide you through the different steps. Our team of experts are available anytime to visit your site if a matter cannot be solved remotely -(99% of the matters are generally solved remotely).





Keeping systems up-todate is our main goal!

Our dedicated team of developers evolve and update our systems on a regular basis, to ensure our CPS®vend machines continually offer you the best experience.



Inventory management solutions are as individual and important as the requirements throughout your company. We work closely with our customers to design an inventory management environment for their business and employees in such a way that flexible, ergonomic and individual solutions are the result. This leads to a crucial improvement to our customers productivity and output, giving them a sustainable and competitive edge.

Your benefit snapshot:

- Maximum supplier consolidation
- Integrated data management
- Precise, direct supply of material to your point of use
- Continual on-site support
- Fully automated supply of products
- Individual solutions to suit your inventory needs
- Flexibility to meet demand fluctuations
- Access restricted storage of high-value items
- Production efficiency driven by innovative technologies
- No asset investment required
- We provide all hardware for a monthly rental fee
- Flexibility to modify your solution when you need it

INCREASE

- Product availability
- Productivity
- Usage control/overview

REDUCE

- Procurement costs
- Storage costs
- Wastage







We are here and happy to support you.

Your experienced Thomas Warburton Field Service Representative will work in collaboration with your team to design an integrated concept, specific to your production and operational requirements. We are available to support you nationwide.

VIC • SA • WA • TAS 481 Frankston-Dandenong Road Dandenong South VIC 3175

+61 3 9574 3400 sales.vic@warburtons.com.au

QLD • NSW • ACT • NT

2/9 Postle Street Coopers Plains QLD 4108

+61 7 3712 1400 sales.qld@warburtons.com.au

www.warburtons.com.au

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