

Tool Management



Maximum flexibility solutions

Presentation of selected vending systems

- TX 750 / TX 750 Auxiliary
- VX 500 / VX 500 Auxiliary
- VX 1000 / VX 1000 Auxiliary
- LX 2000
- AutoLocker FX®



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TOOL MANAGEMENT

Major benefits of Tool Management

ECONOMY, SECURITY AND ACCESS CONTROL

Intelligent Tool Management Solutions

With these flexible and secured industrial vending solutions you can avoid allocating unnecessary resources to your local stocks and at the same time get an overview of tool usage on employee level at any time, anywhere.

It's easy and enables you to save time and money!

When the inventory reaches a minimum level the vending solution automatically reorders the required tools while giving you a real-time overview of your stock levels.

Economy

- Reduction of stock
- Visible distribution of costs
- Cost allocation
- Reduction of administrative costs
- Decrease waste and tool usage

Efficiency

- Automate tool orders
- Minimize ineffective time
- Real-time overview of your stock

Flexible and smart design

- Optimised design for saving space
- Personal configuration of bins
- Registration of multiple suppliers

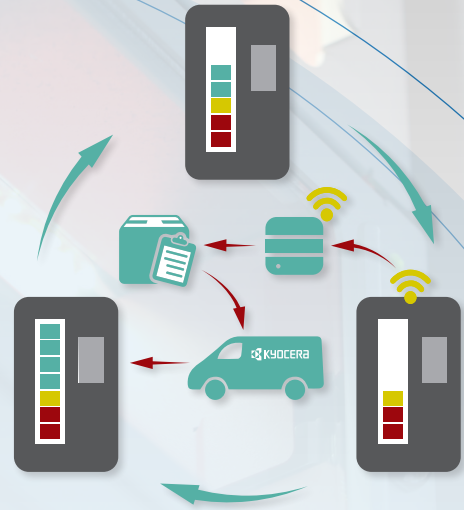


Tool Management Systems

APPLICABLE TO ALL VENDING MACHINES

How it works

- Issue your tool
- Automatic reorder when the machine reaches minimum levels
- Purchase orders are sent to the purchaser and/or supplier
- The supplier packs and sends the goods
- The items are stocked in the vending machine.



■ TX 750



■ VX 500 / VX 1000



- Less than 10 seconds to issue an item
- Setup of automatic purchase orders
- Create multiple suppliers
- E-mail alert when stock reaches critical levels
- More than 200 standard reports
- Possibility for user-defined reports
- Manage regrinds and measuring tools
- Create »Virtual Kits«
(Collection of multiple tools in one operation)
- Ability to limit tool expenditure to departments, employees, projects, machines etc.
- Create external stocks for tools with larger dimensions
- The system only allows access to one bin at a time, unlike competitor drawer systems.



Control and safety

- Our vending solutions only obtain access to one item location at a time, hereby eliminating waste and incorrect picking of tools resulting in your inventory always being up to date.

■ LX 2000

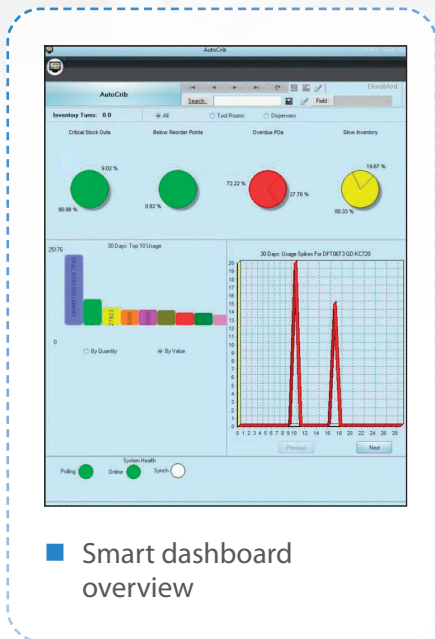


■ Auto Locker FX



Intelligent customised reports

GENERATED AUTOMATICALLY OR ON-DEMAND



Purchasing

- Keep track of your suppliers and open purchase orders



Inventory

- Show stockholding, get alerts and show dead and slow inventory



Economy

- Efficient allocation of your costs and show value of stockholding



Usage

- Show usage by employee, project, machine or in a specific period



Calibration

- Keep track of gauges on stock and what needs to be calibrated



File format

- Get your reports in the file format you need - when you need it



Custom

- Create custom reports specifically designed for your needs



And a lot more...

About automatic generated reports

The Reports menu allows you the ability to preview, export, email, fax or print any report manually or schedule automatic reports to be sent daily, weekly or monthly. Scheduled reports can be sent to anyone in your organisation and only needs to be configured once. It's that simple.

The free built-in reporting module allows you to choose from a large selection of different reports showing real-time or historic data, or would you use ad hoc reports on the fly. With more than 200 standard reports for transactions, purchase orders, inventory and more, this system is ready to support your business' needs and requirements to an intelligent tool management system.



Reports on the fly?

- Tablet ToolRoom optional for maximum speed and flexibility on the fly where you need it.

User-friendly interface

EASY AND USER DEFINED ACCESS

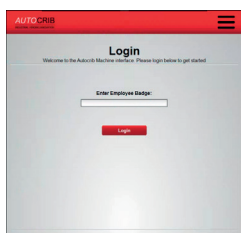
Get the full overview

Easy setup of access control. Determine who can obtain access to the system and keep the full overview of your stock, user activity, cost allocation and much more.

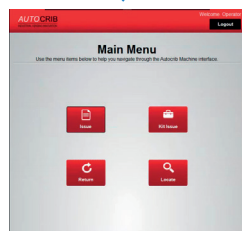
- Easy, intuitive and user-friendly
- Issue items or return them to the system
- Collect items in a shopping cart when issuing multiple items
- Automatically generated reports



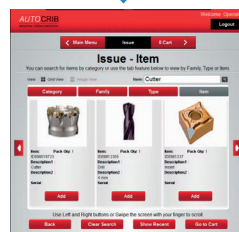
BASIC user access



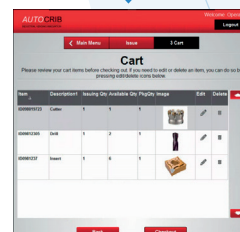
- Login to operational software



- User access



- Issue search

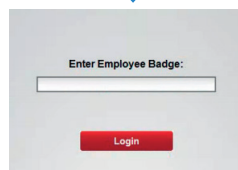


- Multiple issue via cart function

- Pick up your item



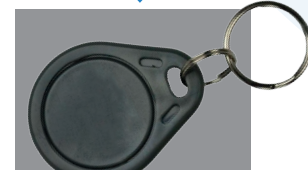
Login types



- Password



- Employee card



- Employee tag

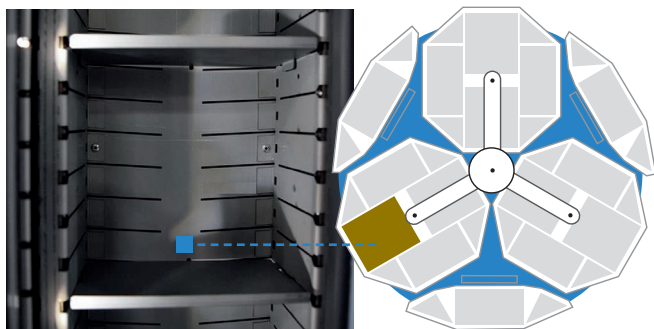
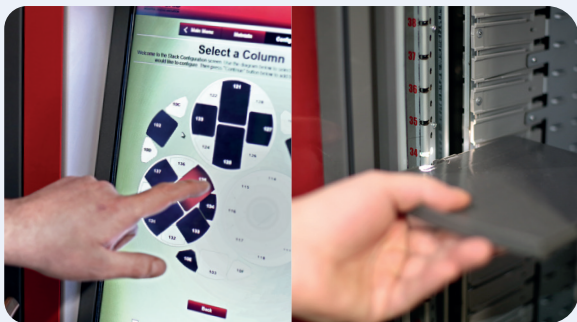
RoboCrib®

THE VERSATILE TX 750 – TAMBOUR

The system in its most dense (smallest) bin size configuration provides up to 987 locations in roughly the same footprint as other equivalent RoboCrib® machines or other competing vending machines. The patented plastic bin shelf system, mated with the incredibly flexible tambour style door, gives the machine the ability to virtually eliminate vertical bin »height«, losing valuable storage space which is common with fixed door machines.

You decide the bin sizes

Highly flexible configuration in regards to bin sizes. You do your own configuration and can easily reconfigure if your needs change.



TX 750

- Up to 987 locations (Bins)
- Takes up less than 1 m² floor space
- Dimensions: 87 × 202 × 106 cm



Auxiliary

- Expand your RoboCrib with an AUX module to gain room for even more items
- Compatible with TX 750 only

IMMEDIATE RECONFIGURATION OF LOCATIONS



RoboCrib®

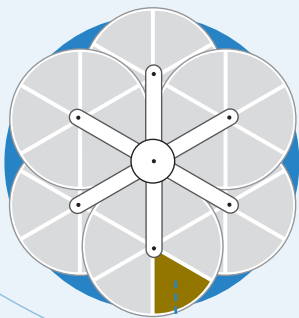
VX 500/1000 UP TO 1.048 LOCATIONS

The RoboCrib® VX-series has been designed to provide secure access for a very large number of unique items. It offers an industry leading bin capacity vs. machine footprint ratio. The variety of available bin sizes makes managing both small and large items effectively a reality.

- Footprint less than 1 m²
- Dimensions: 86 × 99 × 193 cm

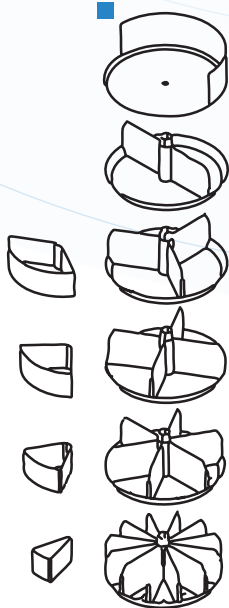
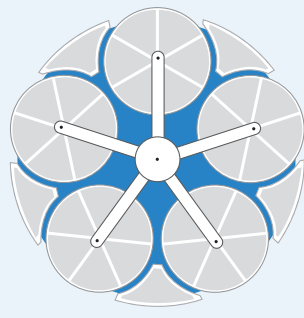
VX 500

- Up to 628 locations (Bins)



VX 1000

- Up to 1.048 locations (Bins)



Predefined bin sizes of your choice

Disc: ø 33 cm

- 1/1 – Full pie
- 1/2 – Half pie
- 1/3 – Third pie
- 1/4 – Fourth pie
- 1/6 – Sixth pie
- 1/12 – Twelfth pie
- Cups available for stocking small items



Auxiliary

- Expand your RoboCrib with an AUX module to gain room for even more items
- Compatible with VX 500/1000 only



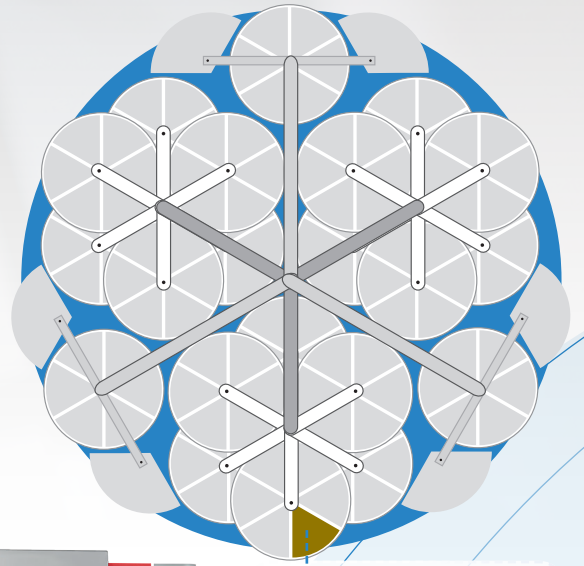
RoboCrib®

LX 2000 UP TO 2574 LOCATIONS

The RoboCrib® LX 2000 has been designed to provide secure access for a maximum number of unique locations (bins).

LX 2000

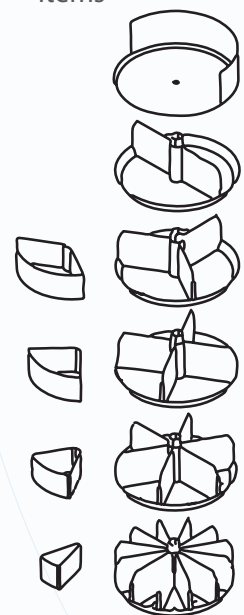
- Footprint less than 2,5 m²
- Dimensions: 157 × 157 × 213 cm



Predefined bin sizes of your choice

Disc: ø33 cm

- 1/1 – Full pie
- 1/2 – Half pie
- 1/3 – Third pie
- 1/4 – Fourth pie
- 1/6 – Sixth pie
- 1/12 – Twelfth pie
- Cups available for stocking small items



AutoLocker® FX

COMPLETELY MODULAR LOCKER SYSTEM

The AutoLocker FX is one of the very few systems on the market designed to be completely modular in every way. This platform lets you build a custom configured locker system for the unique needs of your company.

The rack mounted approach allows you to configure exactly what you need and purchase only what you need. No need to purchase excess lockers and use up valuable floor space.

Advantages

- 50 different sizes of Locker modules available
- See-through windows with bright LED lighting
- Stand-alone or as an add-on to RoboCrib®
- Small locker footprint.

FX Scale

- Weight based Tool Management Systems

Choose the AutoLocker FX Scale as a stand-alone or combine it with modules from the AutoLocker FX.

With the FX Scale you no longer need to count the amount of items you need - the machine does it for you.

The system keeps your stock in check with integrated weights and thereby eliminating the risk of inaccurate issues by the users.



Example of cost savings

TYPICAL COST SAVINGS WITH A TOOL MANAGEMENT SOLUTION



Classic example from one of our partners

Total cost in Euro (€)	Without AutoCrib	With AutoCrib	Conditions
Procurement costs	5.760 €	1.920 €	Amount of monthly orders typically reduced from 6-8 to 1-2
Inefficient time	28.800 €	14.400 €	Zero time spent searching for tools or traveling to and waiting at stores
Waste	4.000 €	2.000 €	In case of changing needs the unused tools can be returned
Reduced tool usage	-	-4.000 €	Increased accountability
Productions stops due to missing tools	2.560 €	0	Eliminated
Reduced inventory levels	1.250 €	417 €	Stocks are typically reduced from 3 to 1 month
Tool Management administration	-	7.200 €	Depends on usage, vending solution as well as administration from suppliers
Total	42.370 €	21.937 €	

Savings with Tool Management

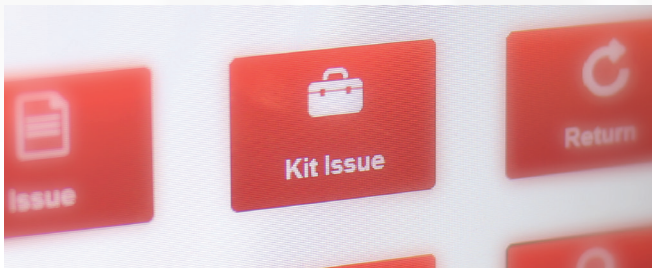
20.433 €

Example of features

SMART FEATURES WITH A VENDING SOLUTION

Virtual Kits

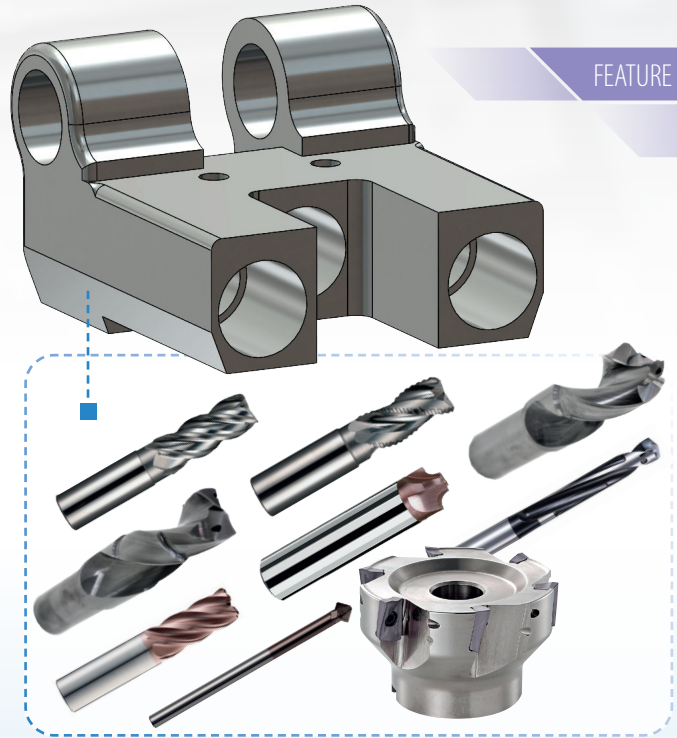
- Collect a tool kit for a specific workpiece



Combine your tools in one search

If a component requires 9 different tools to manufacture, a Virtual Kit can be created referencing the Component Part Number.

When the Virtual Kit is requested all 9 items will be dispensed automatically, ensuring only authorized tools can be used to machine the component.



FEATURE

Manage your calibration intervals

- Automatic control of measuring tools

Get the full overview of your measuring tools and make sure it is always correctly calibrated.

Via the integrated software you can easily manage in- and outgoing measuring tools and thereby eliminate the risk of using uncalibrated tools.

Manage calibration by:

- Usage
- Date and time



FEATURE

Comparison

SELECTED VENDING SOLUTIONS

Advantages

- Purpose-built for industrial environments
- Powerful inventory management software
- Employees login with existing employee badge
- User interface designed for making complex inventory transactions easy
- No repackaging required
- You can return items back into the vending machine



	VX 500	VX 1000	LX 2000	TX 750	AutoLocker® FX
Maximum locations (Bins)	628	1048	2574	987	Completely modular
Weight capacity / kg	272	453	1179	544	20-100 kg per module
Touch screen	19"	19"	19"	19"	19"
Dimensions / cm (W / H / D)	86 / 193 / 99	86 / 193 / 99	157 / 213 / 57	87 / 202 / 105	71 / 191 / 65
Caster Wheels	Optional	Optional	Optional	Optional	Optional
Power	240V / 50HZ	240V / 50HZ	240V / 50HZ	240V / 50HZ	240V / 50HZ

Especially suitable for	VX 500	VX 1000	LX 2000	TX 750	AutoLocker FX
Indexable inserts	●●●	●●●	●●●	●●	●
Cutters	●●●	●●●	●●●	●●●	●●
Drills	●●●	●●●	●●●	●●●	●
Solid Carbide Tools	●●	●●	●●	●●●	●●
Tool Holders	●	●	●●	●●●	●●●
Measuring Equipment	●●	●●	●●	●●●	●●●
Accessories	●●	●●	●●	●●	●●●
Personal Protective Equipment	●●	●●	●●	●●	●●●
Overall flexibility and versatility	●●	●●	●●	●●●	●●

Other Tool Management Systems

A WIDE RANGE OF SYSTEMS TO MEET YOUR SPECIFIC REQUIREMENTS

Vending Inventory Management Solutions

These vending machines raise the bar in automated inventory management with its high capacity, flexibility and fast industrial vending solutions.



RDS

- The original type of tool vending machine with a complete inventory management system.



VLM

- A vertical lift system equipped with user friendly interface.

Intelliport®

- Eliminate the need for an attended tool crib by automating your tool crib software or stores with a RFID portal.



ScaleMate®

- Automate your supply chain and provide a tight inventory management system for small parts and fasteners with the use of weight based technology.



Industrial tooling solutions

Kyocera Unimerco is a global manufacturer and distributor, providing standard and customised cutting tool solutions as well as know-how and optimisation guidance for the manufacturing industry.

The company was founded in 1964 and has since expanded into 17 countries, with more than 700 employees.

Today the company is part of the Japan-based Kyocera Corporation.



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