

NEW!

HK-MAT DR WEIGHT (PAGE 7)

HK-MAT DR+ (PAGE 14)

HK-MAT VENDING MACHINES

Accelerate your production process, increase your productivity, and save process costs with our vending machines.

HK-MAT VENDING MACHINES

HK-MAT - Your solution for efficient tool management, maximum availability of goods and maximum safety. Reduce costs, minimise losses and increase efficiency - 24/7.



**25.1 % REDUCTION IN TOOL
CONSUMPTION ON AVERAGE**

YOUR BENEFITS



24/7 stock availability

You achieve maximum stock availability through automatic reordering and direct access 24/7.



Quick and versatile search functions

The intelligent software ensures that you no longer lose valuable time searching for the right tool: Quick and easy access with search functions and barcode scanner.



Personalised and flexible stock management

Your stock is replenished in an automated and customised manner. You can keep track of everything, avoid unnecessary overstocking and act cost efficiently.



Efficient and precise administration with our tool management software

The tool management software offers a digital and transparent overview including comprehensive individual statistics.



Optimised processes and increased efficiency

Your processes become leaner and walking times are reduced: Your employees obtain the right tools directly at the workplace and without waiting times.



Security

Assign individual access rights. Permissions for withdrawal, restocking, and administration can be assigned individually and adjusted at any time.



Option to integrate tool rental and third-party products

Manage additional rental items and assign a maximum product lifespan. The vending machine is multi-supplier capable and manages tools from different manufacturers if required.



Plug and Play

No network connection is required, the system communicates using an LTE router and SIM card to provide maximum security and flexibility. Web-based software access is available for management and administration.

SAVE PROCESS AND PROCUREMENT COSTS BY USING A VENDING MACHINE

The HK-MAT vending machines are the ideal solution for modern tool management and the efficient management of your equipment. As an established, industry-specific solution, each HK-MAT offers an automated material supply that not only reduces procurement and storage costs, but also increases the availability of goods and minimises losses.

KEY ADVANTAGES:

- Reduce planning time through on-demand evaluations
- Reduce tool consumption and prevent shrinkage through secure storage and accurate reporting

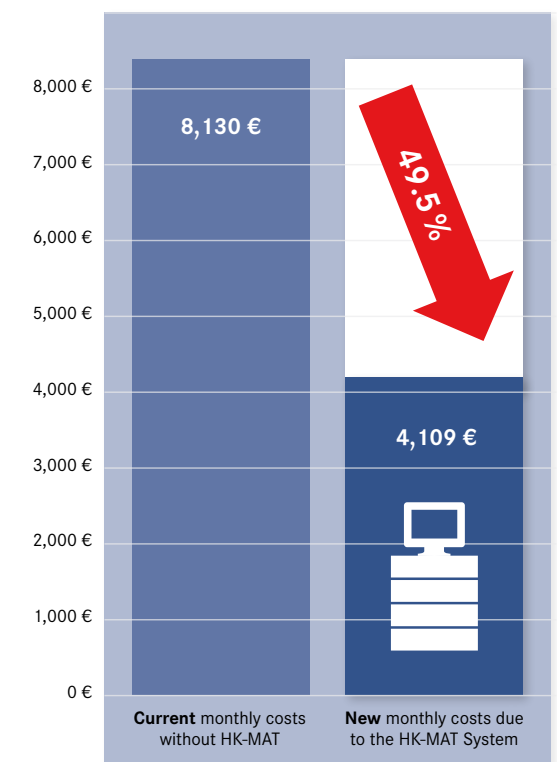
- Optimise purchasing processes and reduce procurement costs with automated restocking solutions
- Lower process costs by implementing clear procurement and withdrawal guidelines

In our calculation, we compare the costs of a manual process with those of a digital system, taking into account factors such as:

- workforce size
- process durations
- operational costs

The figures used represent average values typically found in medium-sized enterprises. The results may vary depending on the specific conditions of each company.

Minimise administrative workload with quick and easy monitoring



Customer-specific purchasing process integration possible

HK-MAT - SYSTEM DIVERSITY

Maximum flexibility for your HK-MAT vending machine: With our three software service packages, the solution adapts perfectly to your individual requirements. Choose the exact functions you need for your application and benefit from custom material management. Do you want to expand your processes? No problem – you can upgrade at any time.



SOFTWARE VARIANTS



EFFICIENT

- Tool management for new products
- Automatic ordering system
- Analysis
- User rights management
- Cost centre management
- Order number management
- Favourites lists for individual users
- Search by category or product
- Inventory mode
- Training mode
- Cross-system communication
- Remote support



PRODUCTIVE

- Accommodates multiple suppliers
- Web-based software access
- Individual evaluation and statistics
- Data export
- Product data management
- Category management
- Borrowed goods management
- Measuring and testing equipment management
- Management based on utilisation level
- User group management
- Product-specific restrictions
- Volume restrictions
- External storage location management
- Shopping basket function

EFFICIENT



INTEGRATED

- Assembled tools
- Tool management extension
- Label printing
- Connection to external systems
- Multi-level storage locations
- Tool reconditioning
- Tool parts lists
- Tool master data from the Cloud
- Extended ERP interfaces (optional)
- CAD/CAM interfaces (optional)
- Data provision for presetting devices (optional)

Exclusively for model series+

PRODUCTIVE

EFFICIENT

Each package adapts to your needs and can be upgraded at any time. You can rely on the customisable software for your material and tool management.

COMPATIBILITY OVERVIEW

TYPE OF MACHINE		EFFICIENT SOFTWARE PACKAGE	PRODUCTIVE SOFTWARE PACKAGE	INTEGRATED SOFTWARE PACKAGE
combinable	DR+ (drawer)			✓*
	DR-light (drawer)	✓	✓	
	RT (rotation/drum)	✓	✓	
	FP (individual flaps/trays)	✓	✓	
	HX (spiral/helix)	✓	✓	
	W (weighing technology)	✓	✓	
	DR W (drawer with weighing technology)	✓	✓	
combinable	XL/XS (hazardous materials)	✓	✓	

*without maintenance-intensive PC controller.
All functions are available via app on PCs, tablets and smartphones.



“Inefficient inventory management leads to extended processing times and increased operational costs. By automating inventory control, procurement processes and warehouse operations, you can effectively address this challenge. Our vending systems offer a versatile and comprehensive solution tailored to your business. The system provides detailed analysis options and enables you to uncover optimisation opportunities that can significantly reduce your procurement and processing costs. With a range of models designed for diverse applications, our vending machines support the storage of machining tools, personal protective equipment and many more, even hazardous materials.”

Caroline Gatzke – Member of the Management Team – Director of E-Business

FAST, CLEAR, EASY TO UNDERSTAND - PRODUCT PICTOGRAMS AS A PRACTICAL AID

Our product pictograms provide you with an intuitive orientation and facilitate the use of the HK-MAT vending machines. Each symbol represents common product assortments such as consumables, machining tools, measuring and testing equipment, personal protective equipment or hazardous materials. This allows you to see at a glance which vending machine is best suited to your requirements.



Machining



Clamping technology



Measuring and testing



Industrial safety/PPE



Hand tools



General supplies



Abrasives



Electric tools



Chemical products

DRAWER VENDING MACHINE

PERFECT FOR MACHINING TOOLS AND MEASURING EQUIPMENT

Our Drawer Vending Machines are the perfect solution for organising your machining tools, measuring equipment and consumables. Thanks to the LED display and electronically secured drawers, only the required compartments are unlocked. The machine offers maximum flexibility and simplicity, individually adjustable to your needs.

COMMON PRODUCT CONTENT:

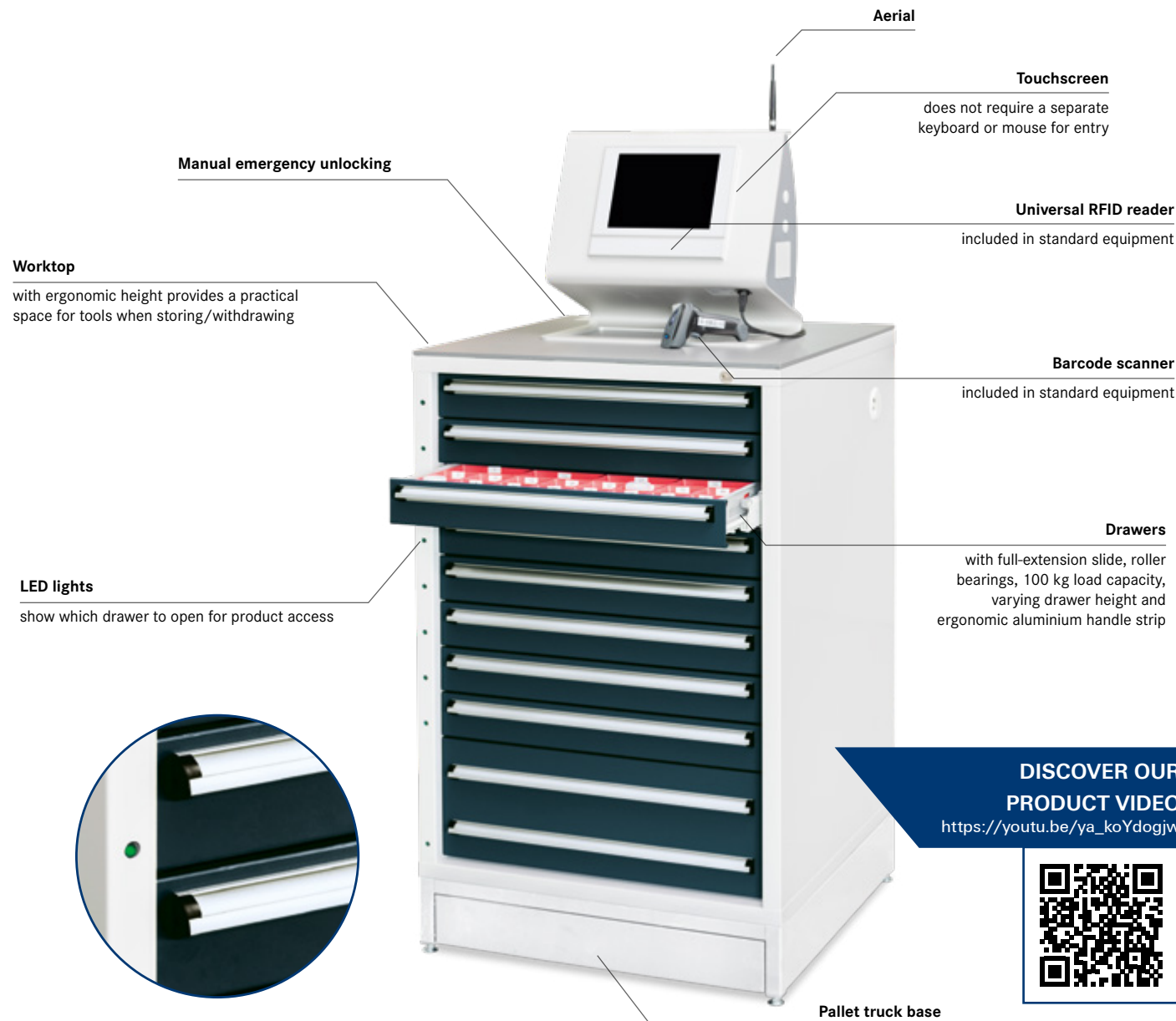


HK-MAT DR LIGHT

Cabinet dimensions with touch screen: 730 x 1,620 x 710 mm (W x H x D)

Drawers 1-8: Front height 90 mm

Drawer 9: Front height 240 mm



**DISCOVER OUR
PRODUCT VIDEO**

https://youtu.be/ya_koYdogjw



WEIGHING CELL DRAWER VENDING MACHINE

PERFECT FOR MACHINING TOOLS AND CONSUMABLES

HK-MAT DR WEIGHT technology is based on precise weighing cells, which record the weight of the stored products and therefore detect the removal and restorage of articles. This technology allows both individual and multiple articles to be removed from the machine at the same time, in a similar manner to a conventional material cabinet. Thanks to the multiple size options of the weighing cells, this system is ideally suited to help you manage almost all types of auxiliary materials and operating supplies.

COMMON PRODUCT CONTENT:



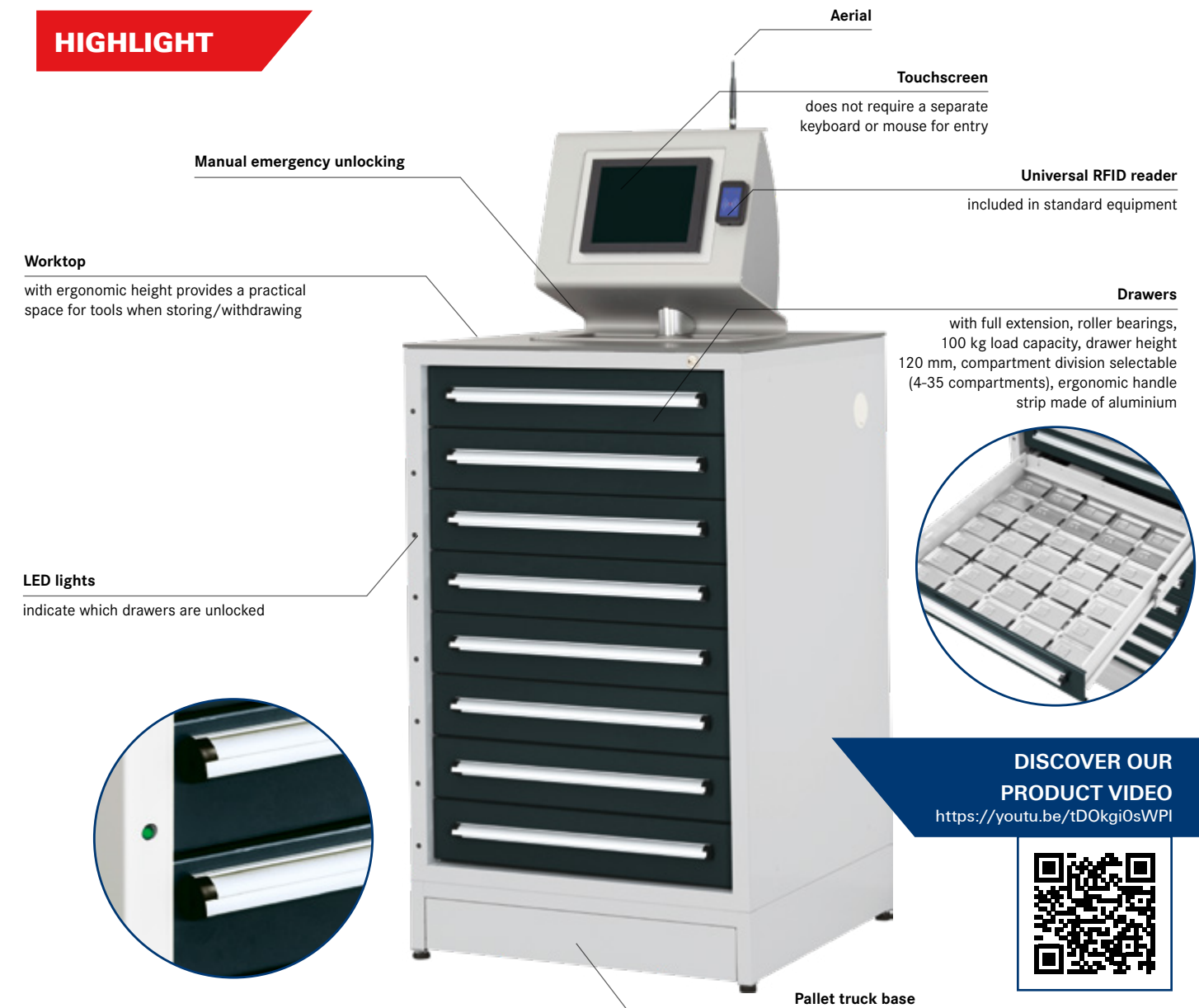
HK-MAT DR WEIGHT

Cabinet dimensions with touch screen: 730 x 1,620 x 710 mm (W x H x D)

Cabinet dimensions without touchscreen: 730 x 1,200 x 710 mm (W x H x D)

Drawers: Front height 120 mm

HIGHLIGHT



**DISCOVER OUR
PRODUCT VIDEO**

<https://youtu.be/tDOkgiOsWPI>



FLAP VENDING MACHINE

PERFECT FOR MACHINING TOOLS AND MEASURING EQUIPMENT

The HK-MAT FP: Your all-rounder for safe and efficient storage. With locked storage units, it protects your high-value tools, measuring equipment and power tools. After selecting an article, an LED shows the compartment that is unlocked - all others remain secured. Space-saving and with flexible expansion options, it offers up to 72 compartments in ten variants. Individual locking, clear visibility and modular design ensure easy operation.

COMMON PRODUCT CONTENT:



HK-MAT FP

Cabinet dimensions: 600 x 1,950 x 560 mm (W x H x D)

Aerial

Touchscreen

does not require a separate keyboard or mouse for entry

Compartment dividers

within the flap for even easier removal

LED lights

show which flap to open for product access

Space-saving system

with a small surface area

Universal RFID reader

included in standard equipment

Immediate visibility

and therefore faster direct selection of each article

Up to 72 storage compartments

individually locked



DISCOVER OUR
PRODUCT VIDEO

<https://youtu.be/1tdCzhmonfk>



Ten variants of the HK-MAT FP with up to 72 flaps are available for your individual needs:

HK-MAT FP external dimensions 60 x 195 x 56 cm (W x H x D)																
Master module touchscreen	M27				M33	M65										
	Number of compartments				8	13							4	2	33	65
	Internal dimensions of compartments				6x13x50	12x13x50							24x13x50	24x32x50	12x13x50	6x13x50
Add-on modules	S72	S36	S34				S18	S10		S9	S5					
Number of compartments	72	36	16	12	4	2	18	8	2	9	4	1				
Internal dimensions of compartments	6 x 13 x 50	12 x 13 x 50	6 x 13 x 50	12 x 13 x 50	24 x 26 x 50	24 x 32 x 50	24 x 13 x 50	24 x 32 x 50	24 x 13 x 50	48 x 13 x 50	48 x 32	48 x 13				



HK-MAT FP M33
Master module



HK-MAT FP M65
Master module



HK-MAT FP S72
Extension module



HK-MAT FP S36
Extension module



HK-MAT FP S34
Extension module



HK-MAT FP S18
Extension module



HK-MAT FP S10
Extension module



HK-MAT FP S9
Extension module



HK-MAT FP S5
Extension module

HAZARDOUS MATERIALS VENDING MACHINE

PERFECT FOR CONTAINERS UNDER PRESSURE AND AEROSOLS

The HK-MAT XL or XS is the ideal solution for storing and dispensing hazardous materials such as flammable liquids and pressure tanks. Based on DIN EN 14470-1, the "Type 90 cabinet" protects your sensitive goods from heat and unauthorised access. With RFID login, automatic quantity detection and intuitive operation, it guarantees maximum security and efficiency. Available as a master or extension module.

COMMON PRODUCT CONTENT:



HK-MAT XL/XS

Cabinet dimensions:

XL: 1,560 x 2,070 x 610 mm (W x H x D)

XS: 1,200 x 1,870 x 610 mm (W x H x D)

Correct extraction system
mounted on the cabinet
and available as a filter attachment
with exhaust air monitoring or
ventilation attachment
with fan

Removal and storage
are detected automatically

Type 90 cabinet
in accordance with
DIN EN 14470-1

Pusher technology
one pusher per product

Up to 5 cans
in a row one behind the other

Touchscreen
does not require a separate
keyboard or mouse for entry

Universal RFID reader
included in standard equipment

60 compartments (XL)
24 compartments (XS)
on 5 levels (XL)
on 2 levels (XS)

WEIGHING CELL VENDING MACHINE

PERFECT FOR PERSONAL PROTECTIVE EQUIPMENT AND CONSUMABLES

The HK-MAT W is the perfect solution for storing and dispensing personal protective equipment and visually distinguishable consumables. Thanks to its innovative weighing technology, the system automatically detects removals and restorage without user input and calculates the weight difference with a precision of 3 grams. With up to 120 storage positions and intuitive visual logic, you save time and optimise your processes.

COMMON PRODUCT CONTENT:



HK-MAT W

Cabinet dimensions: 1,200 x 1,950 x 600 mm (W x H x D)

Compartments
available in various sizes to
suit your requirements

Touchscreen
does not require a separate
keyboard or mouse for entry

Up to 120 storage positions
on 10 levels

Aerial

Intuitive removal option
on sight

Universal RFID reader
included in standard equipment

Weighing technology
scales in each storage compartment

Removal and storage
are detected automatically

**DISCOVER OUR
PRODUCT VIDEO**
<https://youtu.be/nUvcxRytGH4>



HELIX VENDING MACHINE

PERFECT FOR CONSUMABLES WITH HIGH TURNOVER RATES

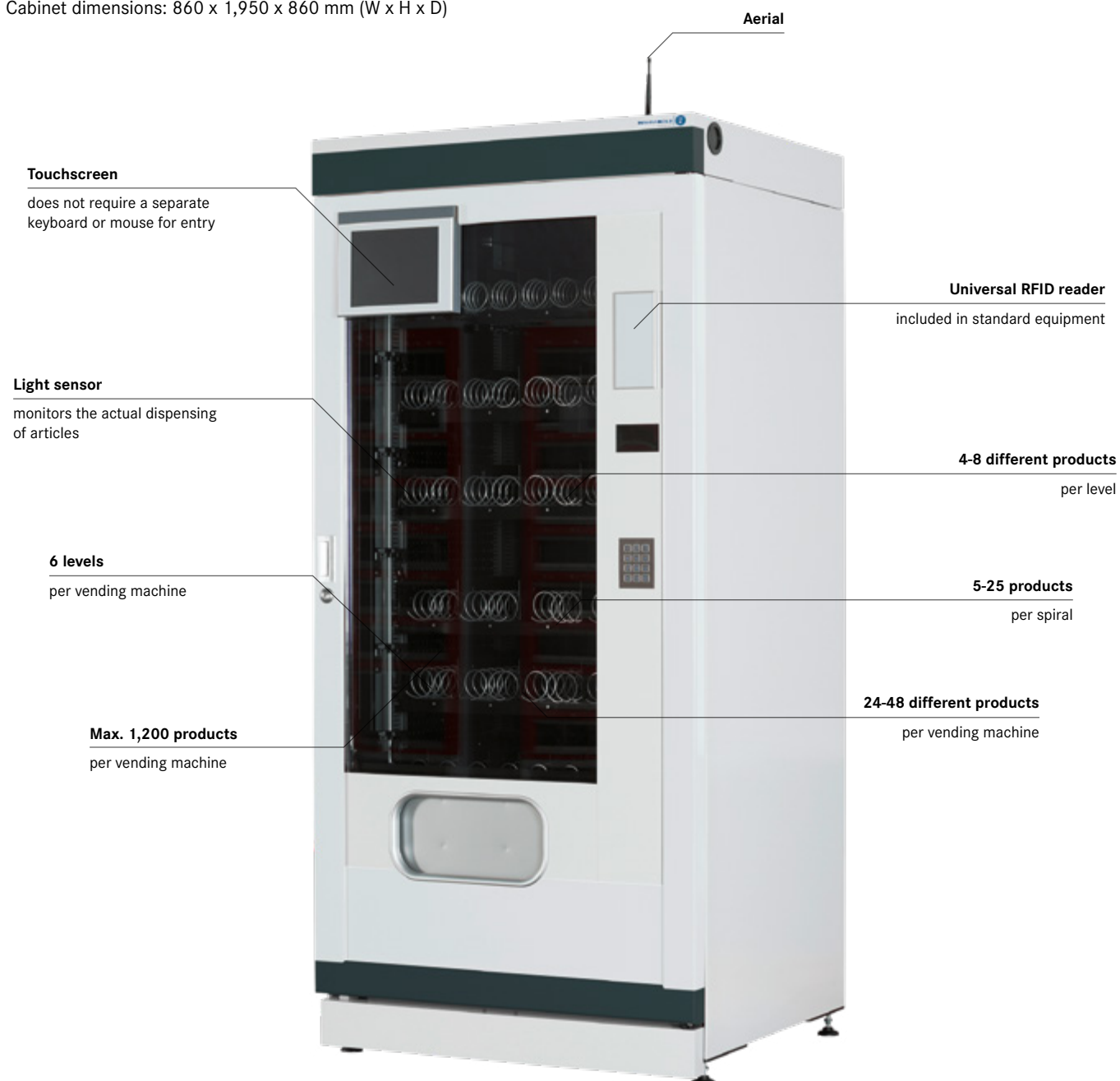
The HK-MAT HX Helix Vending Machine is essential to any modern operating material management system. It is ideal for the controlled individual removal of tools and consumables with high turnover rates. It can be flexibly configured according to your requirements and seamlessly integrated into existing processes. Its intelligent control and light sensors ensure precise dispensing and automatic reordering. With up to 1,200 articles per machine, the highest standards in efficiency and control are maintained.

COMMON PRODUCT CONTENT:



HK-MAT HX

Cabinet dimensions: 860 x 1,950 x 860 mm (W x H x D)



ROTATING VENDING MACHINE

PERFECT FOR MACHINING TOOLS AND CONSUMABLES

With its innovative dispensing logic, the HK-MAT RT is ideal for the transparent supply and dispensing of machining tools and consumables that are not suitable for Helix Vending Machines. Thanks to the flexible levels and the rapid article selection via search function or barcode scanner, the desired article is rotated into position in seconds. With up to 480 individually adjustable and space-saving locked storage positions.

COMMON PRODUCT CONTENT:



HK-MAT RT

Cabinet dimensions: 910 x 1,830 x 795 mm (W x H x D)



DIGITAL TOOL MANAGEMENT WITH THE HK-MAT VENDING MACHINE OF THE MODEL SERIES+

The latest generation of the HK-MAT vending machine+ eliminates the need for maintenance-intensive PC control while still remaining completely smart. Operation is now even easier: All functions are available via app on PCs, tablets and smartphones.

COMMON PRODUCT CONTENT:



Optimised tool availability, transparency, shorter setup times and simplified reordering increase productivity and reduce downtimes. It also ensures efficient control over the entire tool life cycle. These benefits make the intelligent tool management system a powerful solution for making manufacturing processes more efficient and cost-effective.

YOUR BENEFITS

INDEPENDENT:	Tool management for all manufacturers and suppliers.
ECONOMICAL:	Smart, maintenance-free vending machines - without the need for maintenance-intensive computers.
COMPATIBLE:	Seamlessly integrates all commercially available storage and lift systems.
SCALABLE:	Digitalisation throughout the entire process, from procurement to tool use.
INTEGRABLE:	Quick to use with intuitive app on tablets, touchscreen PCs or monitors.

INNOVATION

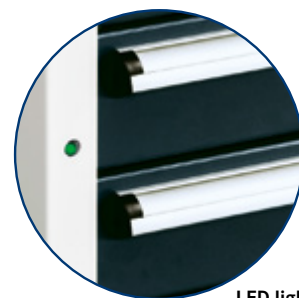
Get started now – your digital factory is waiting!

HK-MAT DR+

Cabinet dimensions:

DR+ 9S: 730 x 1,200 x 710 mm (W x H x D)

DR+ 12S: 730 x 1,470 x 710 mm (W x H x D)



Worktop

with ergonomic height provides a practical space for tools when storing/withdrawing

LED lights

show which drawer to open for product access

Drawers

with full-extension slides, roller bearings, 100 kg load capacity, varying drawer height and ergonomic aluminium handle strip



Integrated tool management

digital tool management

Easy to use

via PC, tablet or smartphone (End devices are not included)

RFID reader

flexible and customisable

Barcode scan

intuitive via tool distribution app

Hosting

local or cloud-based

Network

LAN or UMTS

Pallet truck base



THE COMPLETE RANGE OF PRIVATE LABELS AND MANUFACTURER BRANDS

Benefit from the depth and variety of our range: We provide you with the perfect tools for every application and the brand that suits you best. Choose from a wide selection of private labels, leading manufacturer brands, and exclusive brands. You can be sure that every single product meets the highest technical standards.

Whether ATORN, ORION, OPT-I-STORE or manufacturer brand: Each of our brands has made a name for itself due to its specially selected materials, high-quality workmanship, perfect handling – and last but not least, its price-performance ratio.

ATORN

ATORN offers you a high-quality range of tools to meet the toughest requirements and deliver professional results. ATORN is committed to high-quality materials and solid craftsmanship, currently offering a diverse range of over 40,000 products.

ATORN stands for: Quality - Innovation - Emotion

- Machining and clamping
- Measuring and testing
- Abrasives
- Hand tools
- Personal protective equipment
- Workshop equipment

Advantages:

- High-quality products
- Comprehensive product range
- Fast delivery times
- Unique value for money

ORION

Discover a wide selection of products across the following categories: machining tools, clamping devices, measuring and testing equipment, hand tools and many more. Each one of the more than 12,000 ORION products offers an outstanding level of functionality, safety and an excellent price-performance ratio.

Advantages:

- Excellent price-performance ratio
- Comprehensive product range
- Better value than manufacturer brands
- High level of availability
- Fast delivery times

DISCOVER OUR RANGE OF BRANDS
WWW.HAHN-KOLB.DE/BRANDS





FIND OUT MORE:
WWW.HAHN-KOLB.COM



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CONSULTATION ON SITE:
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PROJECT MANAGERS

