

HAHN+KOLB
GROUP



LET'S WORK TOGETHER.

NEW!

HK-MAT DR WEIGHT (PAGE 7)

HK-MAT DR + (PAGE 14)

HK-MAT DISPENSING SYSTEMS

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

HK-MAT DISPENSING SYSTEMS

HK-MAT - Your solution for efficient tool management, maximum availability of goods and maximum safety. Reduce costs, minimise losses and increase efficiency - around the clock.

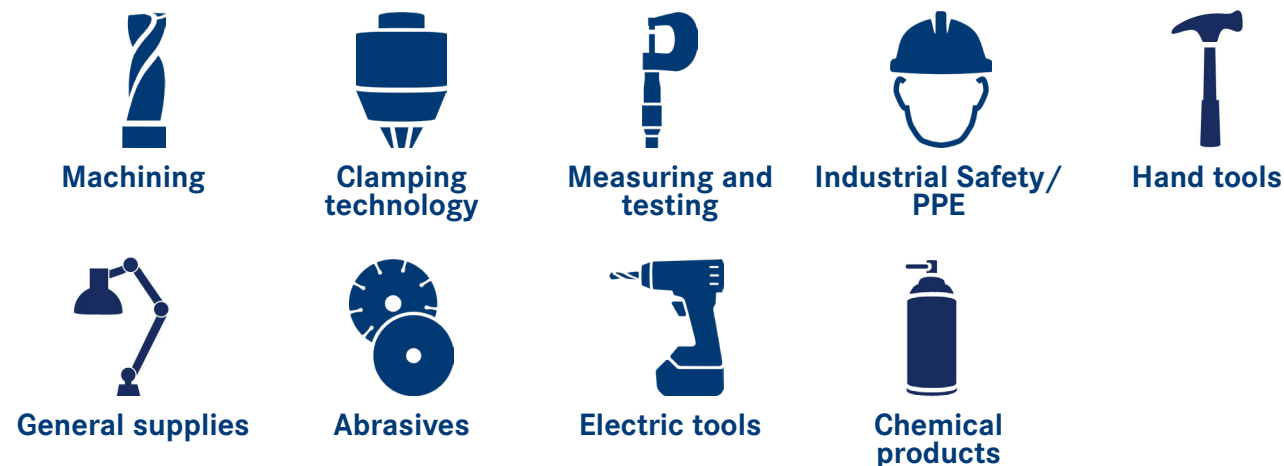


THE HK-MAT SAVES YOU TIME AND MONEY

The HK-MAT dispensing systems 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. With personalised identification of employees, lightning-fast article removal via versatile search functions and transparent borrowed goods management, HK-MAT ensures efficient and precise administration. In addition, you benefit from comprehensive evaluations, statistics and stocks, which are available at the touch of a button via online access. Maximum flexibility and security are ensured by the LTE Internet connection without the need for a network connection. Optimise your processes and increase efficiency with the HK-MAT.

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 dispensing systems. Each symbol represents common product content such as consumables, machining tools, measuring and test equipment, personal protective equipment or hazardous materials. This allows you to see at a glance which dispensing system is best suited to your requirements.



THE BENEFITS TO YOU AT A GLANCE



24-hour stock availability

You achieve maximum stock availability through automatic re-ordering and direct access 24/7.



Speed of article search

The intelligent software ensures that you no longer lose valuable time searching for the right tool. With search function and bar scanner.



Digital + needs-based re-ordering

Your stocks remain up to date and are replenished for you in an automated manner that perfectly meets your requirements. You can always keep track of everything and act in a cost-conscious manner.



Transparency + current stocks

With a digital, transparent overview, you always have an overview of tool management and of your actual consumption.



Decentralisation + efficiency

Your processes and travel times are becoming leaner: your employees obtain the right tools directly on site and without waiting.



Relief + acceptance

Time for core tasks without secondary administrative activities. Valuable relief thanks to intelligent tool management.



Borrowed goods + measuring equipment management

Manage additional borrowed articles via the machine and assign a maximum useful life or removal time.



Plug + Play

No network connection is required; the system communicates using an LTE router and wireless card. Web-based software access is available for management and administration.

HK-MAT - SYSTEM DIVERSITY

Maximum flexibility for your HK-MAT dispensing system: 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 tailor-made material management. Want to expand your processes? No problem - you can upgrade at any time. This means that your system always remains future-proof and grows to meet your needs



SOFTWARE VARIANTS



EFFICIENT


- New tool management
- Automatic ordering system
- Reporting
- User rights management
- Cost centre management
- Order number management
- Favourites list
- Category search
- Inventory mode
- Training mode
- Master communication
- Remote support



PRODUCTIVE

- Accommodates multiple suppliers
- Web-based software access
- Individual evaluation and statistics
- Data export
- Article data management
- Category management
- Borrowed goods management
- Measuring and testing equipment management
- Article variants
- User group management
- Restriction
- Volume restriction
- External storage location management
- Shopping basket function

EFFICIENT



INTEGRATED

- Complete tools
- Tool management controlling
- Label printing
- Locations and multi-level storage locations
- Consignment warehouse management
- Tool reconditioning
- Tool features
- Tool parts list
- Tool master data from the Cloud
- ERP interfaces (optional)
- CAD/CAM interfaces (optional)
- Storage connections (optional)
- Data provision for presetting devices (optional)

Exclusively for model series +

PRODUCTIVE

EFFICIENT

EFFICIENT



The basis for efficient consumables management:

simple • safe • effective

Automatic ordering system, user rights and cost centre management, reporting and many other functions ensure smooth processes.

PRODUCTIVE

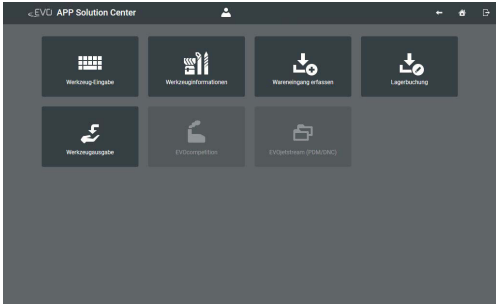


For productive material management:

independent • economic • productive

In addition to the basic functions, you will also obtain features such as borrowed goods management, external storage location management and individual evaluations - ideal for a productive working environment.

INTEGRATED



Digital tool management for holistic tool organisation:

intelligent • compatible • integrated

The integrated software brings structure to your tool management. Whether you want to manage a central tool database or process your tool flow digitally: build a holistic tool organisation.

COMPATIBILITY OVERVIEW

		EFFICIENT SOFTWARE PACKAGE	SOFTWARE PACKAGE PRODUCTIVE	SOFTWARE PACKAGE INTEGRATED
combinable	TYPE OF MACHINE			
	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.

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

HK-MAT DR LIGHT - THE DRAWER DISPENSER FOR METAL CUTTING TOOLS AND MEASURING EQUIPMENT

Our drawer dispensers 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 remain unlocked. The single flap version protects especially high-value tools, while the open version offers maximum flexibility and simplicity. Individually adjustable to your needs - optimally planned, perfectly organised.

COMMON PRODUCT CONTENT:

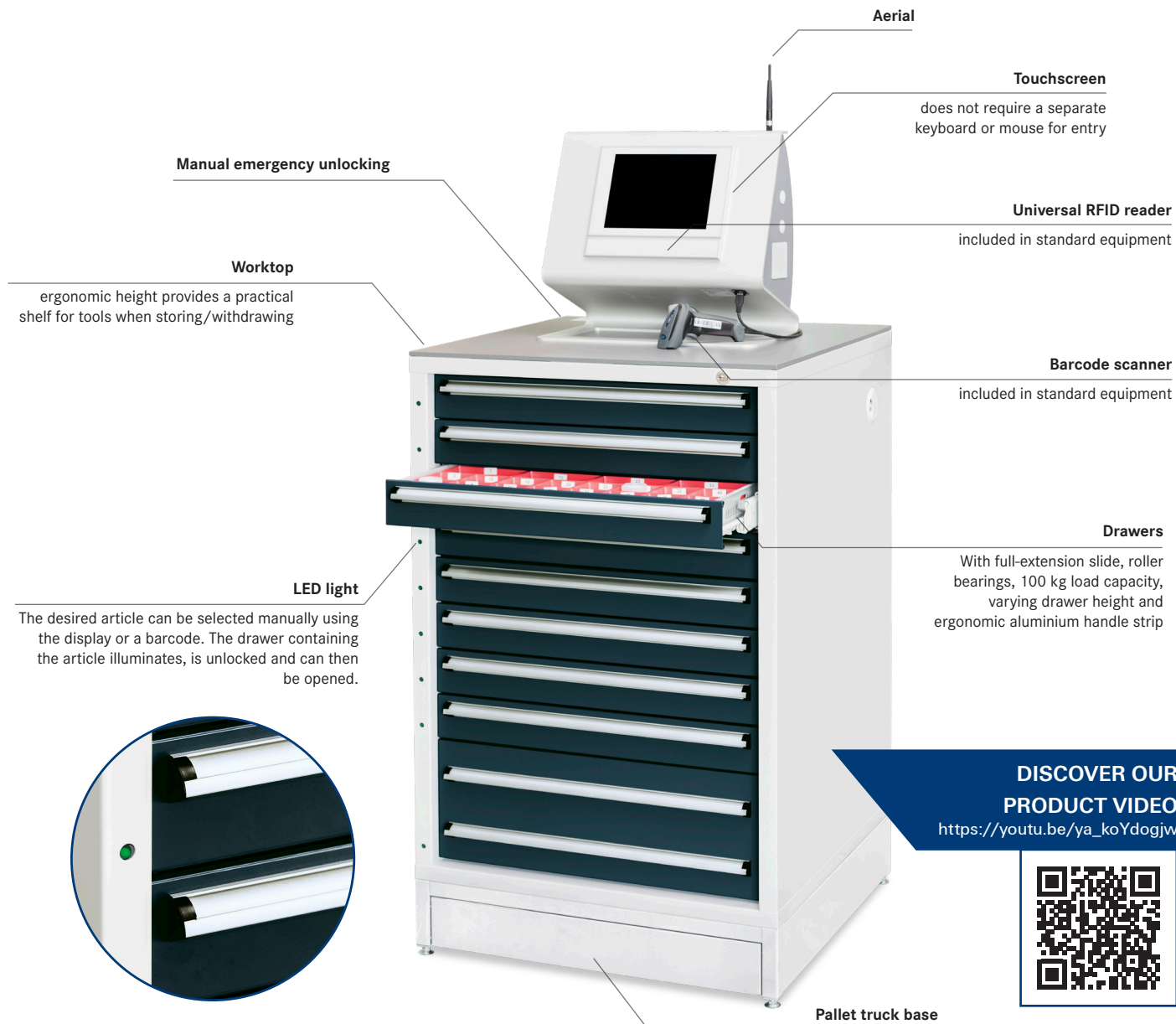


HK-MAT DR LIGHT

Cabinet dimensions with touch screen: 720 x 1,300 x 700 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



HK-MAT DR WEIGHT- THE DRAWER WEIGHING CELL MACHINE 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 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 different sizes of the weighing cells, this weighing system is ideally suited to help you manage almost all types of auxiliary materials and operating supplies.

COMMON PRODUCT CONTENT:



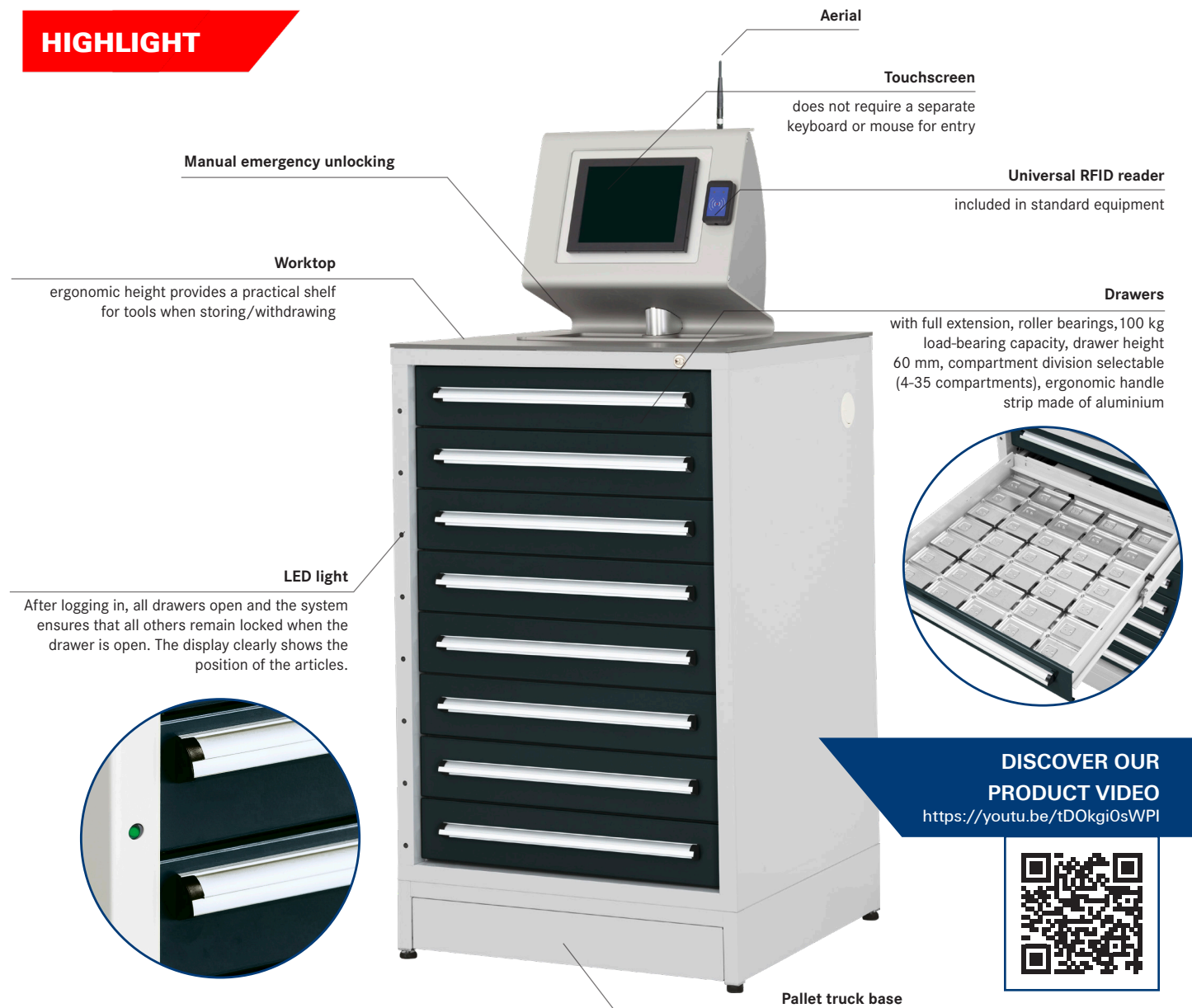
HK-MAT DR WEIGHT

Cabinet dimensions with touch screen: 730 x 1,600 x 700 mm (W x H x D)

Cabinet dimensions without touchscreen: 730 mm x 1,400 mm x 700 mm (W x H x D)

Drawers: Front height 60 mm

HIGHLIGHT



DISCOVER OUR PRODUCT VIDEO

<https://youtu.be/tDOkgiOsWPI>



HK-MAT FP - THE FLAP DISPENSER

FOR ALL TOOL AND MEASURING EQUIPMENT REQUIREMENTS

The HK-MAT FP: Your all-rounder for safe and efficient storage. With locked storage positions, 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. Flexible expansion and space-saving, it offers up to 72 storage positions in nine variants. Individual locking, clear visibility and modular design ensure easy operation and maximum organisation. This makes storage smart.

COMMON PRODUCT CONTENT:



Nine 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						
	8	13	4	2	33	65						
	Compartment internal dimensions	6x13x50	12x13x50	24x13x50	24x32x50	12x13x50						
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
Compartment internal dimensions	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

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 light

The desired article can be selected manually using the display or a barcode. The compartment containing the article illuminates, is unlocked and can be opened.

Space-saving system

with a small surface area

Universal RFID reader

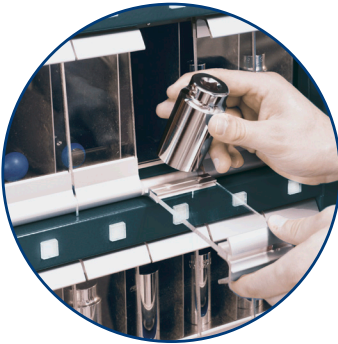
included in standard equipment

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>



HK-MAT FP M33
Master module



HK-MAT FP M65
Master module



HK-MAT FP S72
Add-on module



HK-MAT FP S36
Add-on module



HK-MAT FP S34
Add-on module



HK-MAT FP S18
Add-on module



HK-MAT FP S10
Add-on module



HK-MAT FP S9
Add-on module



HK-MAT FP S5
Add-on module

HK-MAT XL/XS - THE HAZARDOUS MATERIALS DISPENSER

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. Flexible as a master or add-on module - for your safety when handling hazardous substances.

COMMON PRODUCT CONTENT:



HK-MAT XL/XS

Cabinet dimensions:

XL: 1,200 x 2,080 x 600 mm (W x H x D)

XS: 1,200 x 1,430 x 600 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

5 cans

maximum per compartment in
succession

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)

HK-MAT W - THE DRAWER WEIGHING CELL MACHINE

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 deposits without user input and calculates the volume difference with a precision of 3 grams. With up to 90 storage positions and intuitive visual logic, you save time and optimise your processes. Ideal for simple and efficient material management.

COMMON PRODUCT CONTENT:



HK-MAT W

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

Compartment sizes (W x D x H):

- Size 1: 1,100x500x100 mm
- Size 2: 530x500x100 mm
- Size 3: 343x500x30 mm
- Size 4: 193x367x30 mm
- Size 5: 128x239x30 mm
- Size 6: 93x169x30 mm
- Size 7: 128x409x30 mm

Touchscreen

does not require a separate
keyboard or mouse for entry

up to 120 storage positions
on 10 levels

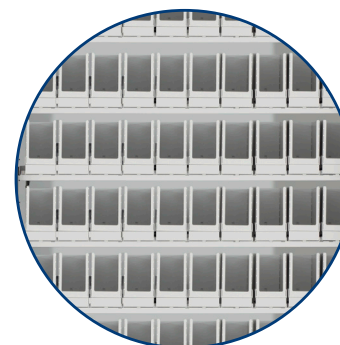
Aerial

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>



HK-MAT HX - SPIRAL DISPENSER FOR CONSUMABLES WITH HIGH TURNOVER RATES

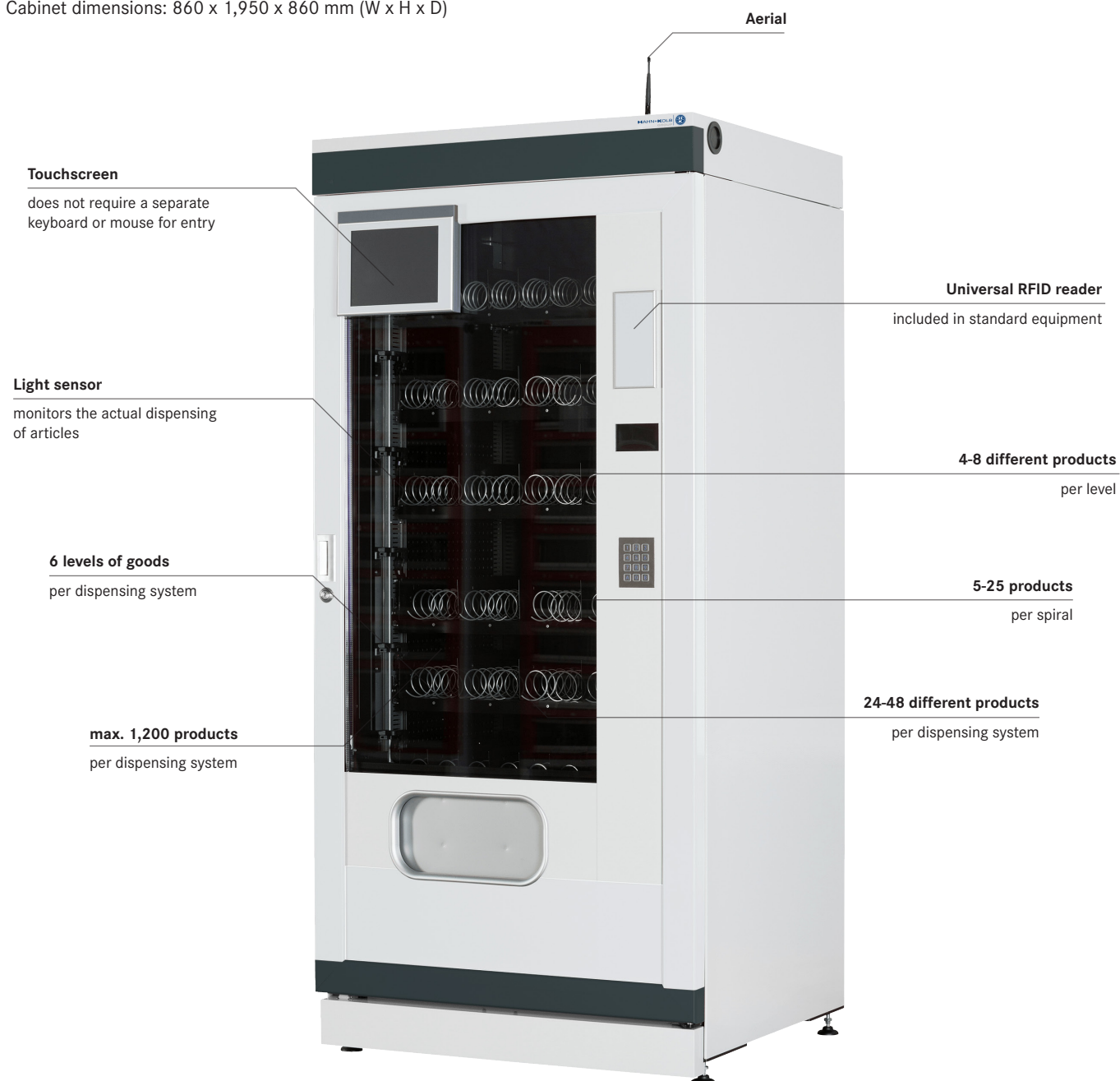
The HK-MAT HX spiral dispenser is essential to any modern operating material management system. It is ideal for the controlled individual removal of tools and consumables with high turnover rates. It can be flexibly configured to your requirements and seamlessly integrated into existing processes. Its intelligent control and light sensors ensure precise dispensing and automatic re-ordering. With up to 1,200 products 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)



HK-MAT RT - ROTATIONAL DISPENSER 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 spiral dispensers. 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 - for efficient and precise material management.

COMMON PRODUCT CONTENT:



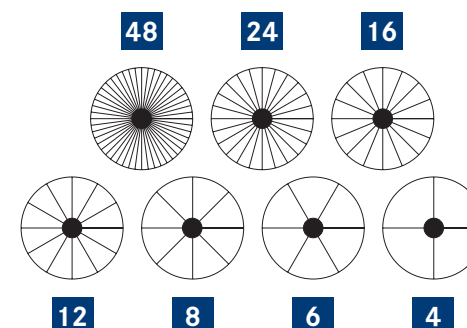
HK-MAT RT

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



Number of compartments	Front width (mm)	Rear width (mm)	Height (mm)	Depth (mm)
4	390	85	110	260
6	320	60	110	260
8	230	45	110	260
12	160	25	110	260
16	120	17	110	260
24	78	8	110	260
48	35	0	110	260

Compartment division options:



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

The latest generation of the HK-MAT dispensing 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, transparent, shorter setup times and simplified re-ordering increase productivity and reduce downtimes. They also ensure efficient control over the entire tool life cycle. These benefits make the intelligent tool management system a powerful solution for companies looking to make their manufacturing processes more efficient and cost-effective.

THE BENEFITS TO YOU AT A GLANCE

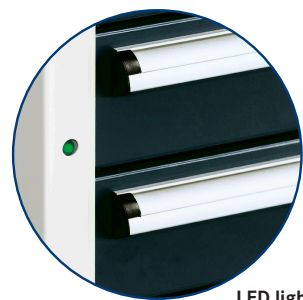
INNOVATION

INDEPENDENT:	Tool management for all manufacturers and suppliers.
ECONOMICAL:	Smart, maintenance-free dispensing systems - without the need for maintenance-intensive computers.
COMPATIBLE:	Seamlessly integrates all commercially available storage and lift systems.
SCALABLE:	Digitalisation from procurement to tool use.
CAN BE INTEGRATED:	Quick to use with intuitive app operation on tablets or touchscreen PCs.

Get started now - your digital factory is waiting!

HK-MAT DR+

Cabinet dimensions: 730 x 1,400 x 700 mm (W x H x D)



Worktop
ergonomic height provides a practical shelf for tools when storing/withdrawing

LED light

The desired article can be selected manually using the display or a barcode. The drawer containing the article illuminates, is unlocked and can then be opened.

Drawers

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



Integrated EVO tool management

Digital tool management with EVO tools (TMS)

Easy to use

via PC, tablet or smartphone

RFID reader

flexible and individual

Barcode scan

Intuitive via tool distribution app

Hosting

Local or cloud

Network

LAN or UMTS

Pallet truck base



THE COMPLETE RANGE OF OWN BRANDS AND MANUFACTURER BRANDS

No wish is left unfulfilled

Benefit from the enormous depth and breadth of our range: We provide you with the perfect tools for every application and the brand that suits you best. At HAHN+KOLB, you have the choice between own brands, manufacturer brands and exclusive brands. You can be sure that every single product meets

the highest technical standards. Whether ATORN, ORION, OPT-I-STORE and many manufacturer brands: 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

ORION®

ATORN offers you a high-quality range of tools to meet the toughest requirements and professional results. We currently carry over 35,000 products, so you will find everything you need for efficient and future-proof manufacturing. ATORN uses only high-quality materials with solid workmanship.

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

In the ORION brand product assortment, you will find machining tools, clamping devices, measuring and testing equipment, hand tools and much, much more. Each one of the more than 12,000 ORION products boasts an outstanding level of functionality, safety and an excellent price/performance ratio.

Specially selected materials and high-quality workmanship ensure optimum handling.

Advantages:

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

DISCOVER OUR RANGE OF BRANDS
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PROJECT MANAGERS

