



**Hänel Rotomat® Office Carousels:
Optimum ergonomics, maximum space
utilization, efficient cost cutting!**

Filing systems

Organization

Administration

Hänel ROTOMAT



Ideas that move the world ...



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Compare the Rotomat®:

1 Rotomat® 600/115/250/305 with
10 carriers, a height of 215 cm and
a width of

**250 cm = 24.60 running metres
of storage space**

with conventional filing cabinets:

To achieve the same storage capacity,
you need 14 filing cabinets each with
3 drawers and a width of

**588 cm = 25.20 running metres
of storage space**

The comparison clearly shows:

**1 Hänel Rotomat® 600/115/250/305
achieves space savings of about 60 %
in terms of width – while providing the
same storage capacity!**



Hänel's Rotomat[®] office carousels: The optimum filing system for records management

**Productivity – cost reduction – efficiency:
these are the challenges faced by today's
office organization!**

Quality and leading-edge technology 'Made by Hänel'

In 1953 Gerhard Hänel founded the office equipment company 'Hänel Bürosysteme'. By 1957 Hänel was series-producing filing carousels based on the Ferris wheel principle – the first manufacturer in Europe to do so.

Today Rotomat[®] carousels and Hänel Lean-Lifts[®] are produced in three manufacturing plants – and exported worldwide. Hänel has distributors in over 60 countries across the globe.

Innovation and performance, dynamics and ideas, new technologies and team spirit have made Hänel one of the leading providers of storage and organization systems.

With the Hänel Rotomat[®] office carousel, we offer a flexible organization and filing system that adapts optimally to your needs.

Up to 60 % more storage capacity

The Rotomat[®] office carousel from Hänel makes use of the available room height, so its compact design creates up to 60 % more filing capacity. This means expensive office space is used more efficiently.

This saves costs!

Fast and efficient

The Rotomat[®] office carousel from Hänel brings the required files to the retrieval point in just a few seconds.

Ergonomics

No more bending, ladder-climbing or walking long distances to search for and archive records. The required files are brought automatically to the optimum ergonomic retrieval height.

The right decision

If you want to improve your office organization methods and cut costs, you should first speak with our specialists – together we can work out a tailor-made system concept.

The Hänel Rotomat® principle

‘Vertical carousel technology’ – simply brilliant

**The principle is simple.
The applications are brilliant!**



The days when walls were lined with filing cabinets and when archives gathered dust in the cellar are over. The legwork and ladder-climbing involved in searching for files are a thing of the past – they cost too much time and money!

The compact design of the Rotomat® allows **up to 60% more storage capacity** to be accommodated on minimal floor space by making use of the available room height.

Office organization you can rely on – as much a part of office life as the desktop computer!

The operating principle

The Hänel Rotomat® creates an enormous amount of storage space on a small footprint. It works on the Ferris wheel principle, i. e. the archives come to the operator, not the operator to the archives.

The structural design

Self-supporting steel plate casing, comparable to the cellular structure used in the aircraft industry. Lockable, smooth-action sliding doors. Environmentally friendly powder coating, as well as impact-resistant and shock-proof stove enamel finishes. There are five attractive colours to choose from. Customized finishes are possible.

The drive system

400-V three-phase motors (other voltages and Hertz values, as well as AC connection are possible). Pole-switching three-phase motors are used as standard, enabling gentle but powerful acceleration and braking even under different load conditions.

The intelligent Hänel control systems

Powerful microprocessor control units offer the possibility of hooking up to computers and other peripheral devices, giving you an optimal overview at all times.

Hänel service worldwide

Hänel operates internationally and has branches and distributors on all continents. It is supported by an extensive service network under centralized control.

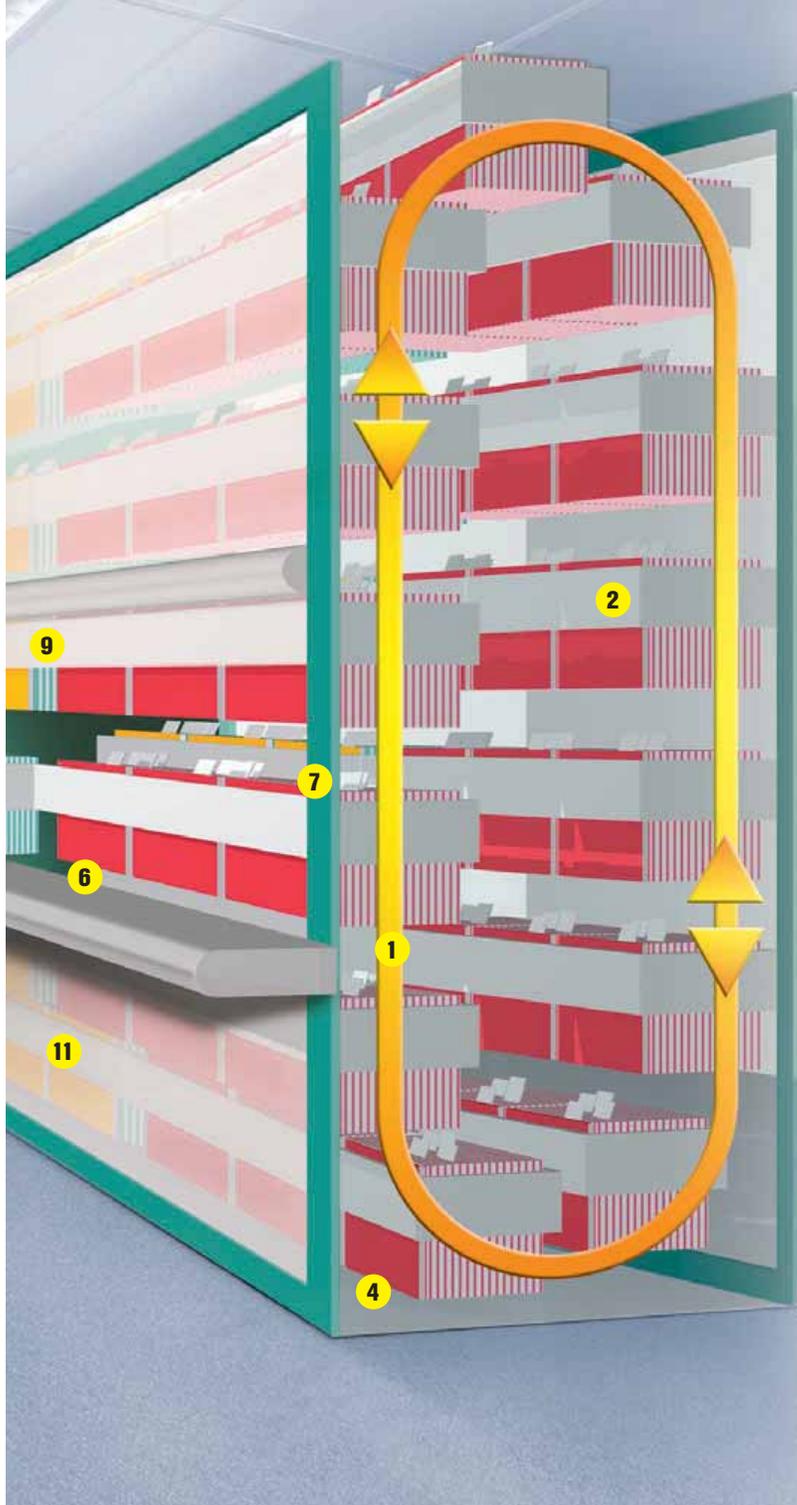
The safety

Hänel ensures maximum safety by using patented safety threshold switches and light-barrier curtains compliant with DIN EN 15095.



All Hänel Rotomat® carousels have the German GS stamp and the Swiss SUVA inspection certificate attesting to their safety.





The Hänel Rotomat® principle

- ❶ Carriers attached to the rotating mechanism
- ❷ Heavy duty carriers for variable applications
- ❸ Drive system housed internally
- ❹ Soft start control using quiet control motors
- ❺ Retrieval at ergonomically positioned work counter
- ❻ Hänel safety threshold
- ❼ Light curtains of DIN EN 15095 design
- ❽ Hänel microprocessor control
- ❾ Lockable sliding doors
- ❿ Environmentally friendly powder-based finish
- ⓫ Maintenance access conveniently positioned at the front

The pluses

- ▶ Optimum utilization of floor space. The term upward mobility takes on a new meaning with the Rotomat®.
- ▶ The Rotomat® is as flexible as you need it to be. Units can extend through several floors.
- ▶ Files to user is the motto, not user to files. Personnel costs and retrieval times can be dramatically reduced.
- ▶ High-performance controls and computer interfacing ensure that the Rotomat® can be put to use flexibly and on an individual basis.
- ▶ The required files are brought to the ergonomically positioned retrieval point.
- ▶ Safety has top priority. No ladder-climbing, no stretching, no bending.
- ▶ The Rotomat® protects all the files from dust, light and unauthorized access.

- ▶ Classic design, five attractive colours to choose from. Individual finishes are possible.

Standard finish

GREY / NCS 3502-Y

GREEN / NCS 3040-B 70 G

BLUE / NCS 5030-R 90 B

BORDEAUX / NCS 3050-R 10 B

PEARL GREY / NCS 1303-G 90 Y

Premium finish

ANTHRACITE / NCS S6005-B 20 G

WHITE ALUMINIUM RAL 9006

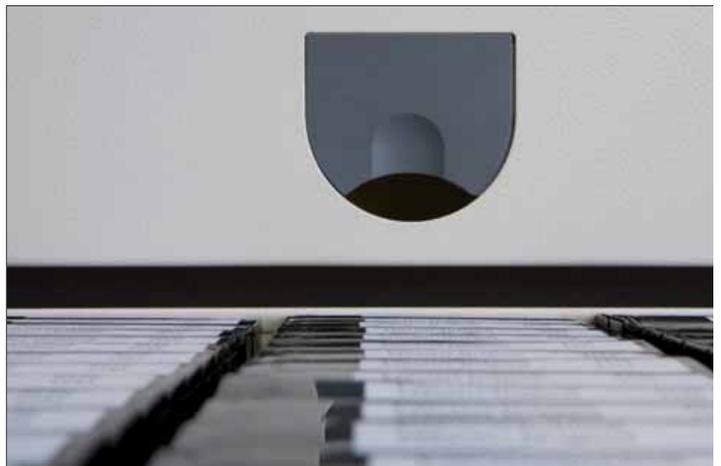


The attractive, modern design of the Hänel Rotomat® looks good in any office.

Hänel Rotomat® office carousels: Functionality in a modern design

The Hänel Rotomat® office carousel was designed with a passion for detail

- ▶ Elegantly sculpted work counter with an overall depth of 300 mm.
- ▶ Integrated plastic handles on sliding door and drawers.
- ▶ Shapely lighting trim and stylish ROTOMAT® logo complete the modern look.
- ▶ Maintenance access is provided conveniently at the front of the Rotomat®.
- ▶ Smooth-action drawers on telescopic runners.
- ▶ Five modern colours to choose from.
- ▶ On request: customized finish.



Hänel Rotomat® office carousel overview



Filing options	Rotomat® 300	Rotomat® 400	Rotoma
Vertical hanging folders 			
Lateral hanging folders 			
Binders / Box files 			
Vertical stand-up folders 			
Lateral stand-up folders 			
Data carriers CDs/DVDs/Tapes 			
Index cards 			

Equipment features

Soft start enabled by pole-switching motors			
Load imbalance device for payloads over 3 tons			
Telescopic runners			
Light-barrier curtains compliant with DIN EN 15095			

Individual features

Networking with IT systems via the controllers			
Connection of barcode scanners			
Integrated file management (optional, no PC required)			
Adaptation for wheelchair users			
Customized finish			
Multiple access points on different floors			
2nd safety circuit			
Sound insulation			

For special features and customized compartment divisions, speak directly to our specialists (see also page 26).



t [®] 500	Rotomat [®] 600	Rotomat [®] 700	Rotomat [®] 7-600	More information on page
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**The Rotomat® 300 is the perfect filing carousel
for lateral hanging folders. All commercially available
file folder systems can be accommodated.**



Hänel Rotomat® 300

The carousel for lateral hanging folders

Smart, space-saving file management for large-scale needs

When the problem you face is how to store large quantities of hanging folders in the most space-saving way while guaranteeing quick access, the Hänel Rotomat® 300 comes into its own.

You can cut your office space requirements by up to 60%. Hänel performance at its best!

The simplicity and quick access afforded by Hänel office carousels are highly appreciated by office staff.

Tailored management and control systems plus interfaces with PC workstations make the Hänel Rotomat® the ideal partner in commercial and administrative offices.



The ergonomically designed carousel allows the operator to work comfortably either standing or sitting

Configuration examples

Rotomat®	Carriers	Folder height	Capacity	Dimensions in mm		
				Height	Width	Depth*
300/100/260/280	11	245 mm	24.86 rm	2,090	2,600	1,000
300/100/327/280	15	245 mm	42.83 rm	3,650	3,270	1,000
300/100/260/305	10	270 mm	22.60 rm	2,100	2,600	1,000
300/100/260/305	16	270 mm	36.16 rm	3,020	2,600	1,000
300/100/327/305	10	270 mm	28.55 rm	2,100	3,270	1,000
300/100/327/305	19	270 mm	54.25 rm	3,480	3,270	1,000
300/100/260/330	10	295 mm	22.60 rm	2,250	2,600	1,000
300/100/327/330	18	295 mm	51.39 rm	3,580	3,270	1,000

*Plus 300 mm for the work counter, fitted at 750 mm height.

A Hänel Rotomat® office carousel 300/100/327/305 with 19 carriers and a folder height of 270 mm can accommodate 5,425 files with an average file thickness of 1 cm. This corresponds to 54.25 running metres.

Hänel Rotomat® 400

The carousel for lateral stand-up folders

Maximum usage of filing capacity in a minimum of space

The Hänel Rotomat® 400 offers maximum filing capacity on a minimal footprint. Because the carousel adapts to the height of the room, the floor space required can be reduced by up to 60 %.

The efficient way in which it works – the required lateral folders are retrieved automatically by the microprocessor control – cuts the work time involved considerably!

The files can even be given a barcode and entered effortlessly in a PC system by barcode scanner. This way, your state-of-the-art office organization can use all the benefits of electronic communication.



The Rotomat® 400 – ideal for lateral standing folders



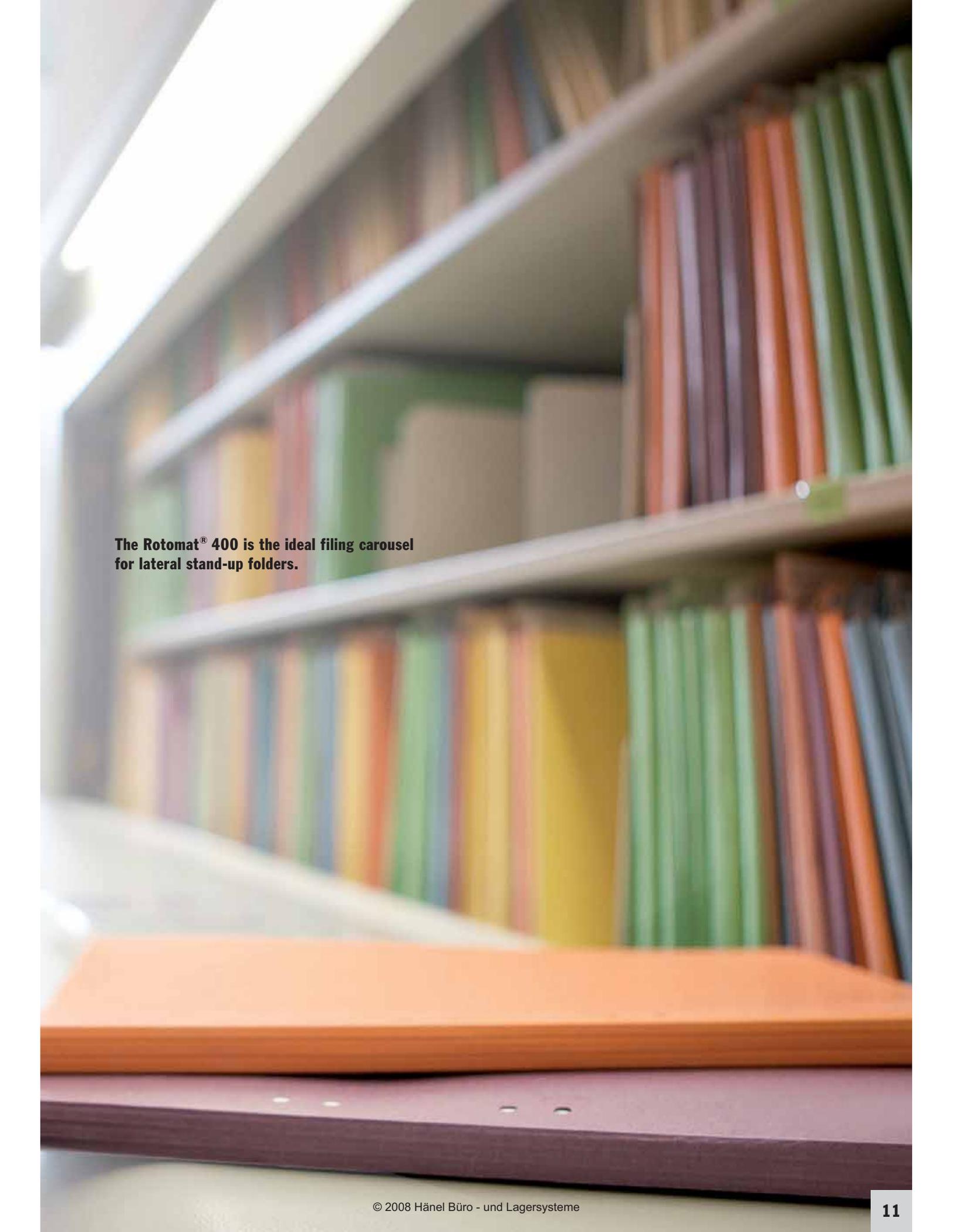
File data entered by barcode scanner

Configuration examples

Rotomat®	Carriers	Folder height	Capacity	Dimensions in mm		
				Height	Width	Depth*
400/100/260/254	12	224 mm	27.12 rm	2,050	2,600	1,000
400/100/327/254	16	224 mm	45.68 rm	2,560	3,270	1,000
400/100/260/280	11	249 mm	24.86 rm	2,090	2,600	1,000
400/100/260/280	21	249 mm	47.46 rm	3,490	2,600	1,000
400/100/327/280	11	249 mm	31.41 rm	2,090	3,270	1,000
400/100/327/280	15	249 mm	42.83 rm	2,650	3,270	1,000
400/115/260/280	11	249 mm	24.86 rm	2,140	2,600	1,155
400/115/327/280	18	249 mm	40.68 rm	3,120	3,270	1,155

*Plus 300 mm for the work counter, fitted at 750 mm height.

A Hänel Rotomat® office carousel 400/100/260/280 with 21 carriers and a folder height of 249 mm can accommodate 4,746 files with an average file thickness of 1 cm. This corresponds to 47.46 running metres.



The Rotomat® 400 is the ideal filing carousel for lateral stand-up folders.

Hänel Rotomat® 500

The carousel for binders

Efficient, secure storage of files on a minimal footprint while guaranteeing rapid access



The days of walls lined with box files or binders on shelves gathering dust are gone forever!

Nowadays the demands placed on modern office organization include ensuring that costly office space is reduced, capacity is optimally used and files can be accessed quickly.

The Rotomat® principle has decisive advantages over conventional filing systems: the files are brought to the user, not the other way around.

This brings benefits: Workflow is speeded up, and so becomes more efficient and cost-effective.

Full utilization of the room height can reduce the office space required by up to 60%!



Central management of customer files with the Hänel Rotomat® system: flexible, fast, cost-effective

Configuration examples

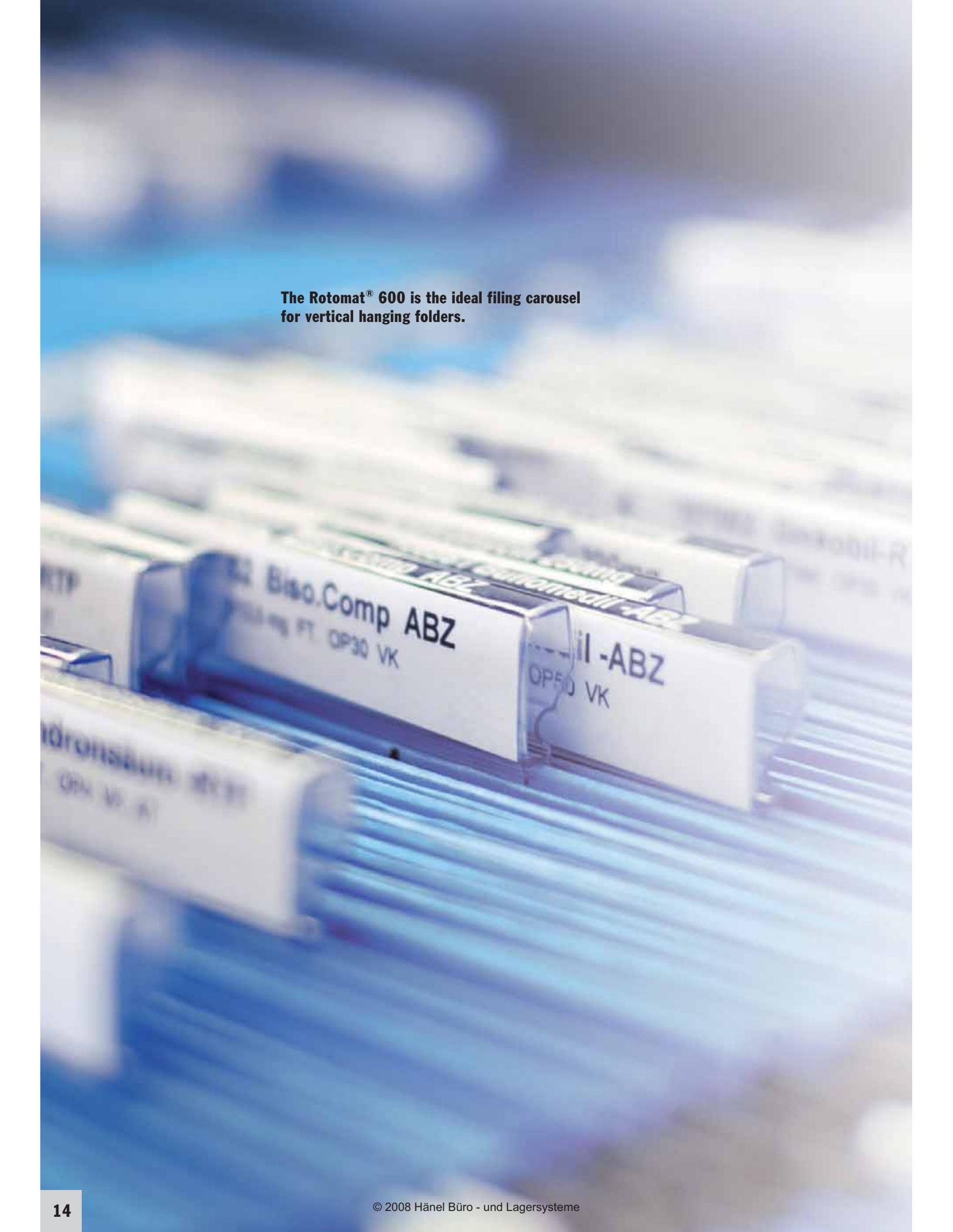
Rotomat®	Carriers	Binders	Capacity	Dimensions in mm		
				Height	Width	Depth*
500/100/260/356	10	280	22.60 rm	2,410	2,600	1,000
500/100/260/356	12	336	27.12 rm	2,760	2,600	1,000
500/100/260/356	15	420	33.90 rm	3,300	2,600	1,000
500/100/260/356	17	476	38.42 rm	3,650	2,600	1,000
500/100/327/356	10	350	28.55 rm	2,410	3,270	1,000
500/100/327/356	12	420	34.26 rm	2,760	3,270	1,000
500/100/327/356	15	525	42.83 rm	3,300	3,270	1,000
500/100/327/356	17	595	48.54 rm	3,650	3,270	1,000

*Plus 300 mm for the work counter, fitted at 750 mm height.

A Hänel Rotomat® office carousel 500/100/327/356 with 17 carriers can accommodate 607 binders with an average thickness of 8 cm. This corresponds to 48.54 running metres.

Hänel *ROTOMAT*

The Rotomat® 500 is the cost-effective filing carousel for ring binders.



**The Rotomat® 600 is the ideal filing carousel
for vertical hanging folders.**

Hänel Rotomat® 600

The carousel for vertical hanging folders

Efficient management of hanging folders in a minimum of space

Wherever files are in constant use and must be actively retrieved, the Hänel Rotomat® 600 is the ideal solution.

The hanging folders are stored neatly in space-saving frames that are pulled out on high-quality telescopic runners for easy access.

The user-friendly microprocessor control with numeric keypad is integrated in the work counter. A mere touch of a button brings the required folder to the retrieval zone. It couldn't be easier or quicker!

And of course the Hänel Rotomat® can be connected to your PC system without difficulty.

This is office organization at its best!

The right file is found among thousands of hanging folders in seconds



The hanging folders come to the operator, not the other way around!



A Hänel Rotomat® office carousel 600/125/328/305 with 2 drawers and 4 sections in 20 carriers can accommodate 7,360 folders with an average thickness of 1 cm. This corresponds to 73.60 running metres.

Configuration examples

Rotomat®	Carriers	Drawers	Sections	Folder height	Capacity	Dimensions in mm		
						Height	Width	Depth*
600/100/250/280	11	2	3	260 mm	23.10 rm	2,090	2,500	1,000
600/100/250/305	16	2	3	285 mm	33.60 rm	3,020	2,500	1,000
600/100/327/305	14	2	4	285 mm	39.20 rm	2,710	3,270	1,000
600/115/250/305	10	2	3	285 mm	24.60 rm	2,150	2,500	1,155
600/115/327/305	15	2	4	285 mm	49.20 rm	2,920	3,270	1,155
600/125/251/280	11	2	3	260 mm	30.36 rm	2,140	2,510	1,255
600/125/251/305	14	2	3	285 mm	38.64 rm	2,760	2,510	1,255
600/125/328/305	20	2	4	285 mm	73.60 rm	3,700	3,280	1,255

*Plus 300 mm for the work counter, fitted at 750 mm height.



The Hänel Rotomat® 7-600 is truly versatile. It can store not only standing folders, but data carriers, tapes, card index boxes and much more.

Hänel Rotomat® 7-600

The carousel for index cards and stand-up folders

Cost-efficient archiving of vertical files for administrative offices

A practical example:

The medical service of a health insurance company. When several departments were recently merged, reorganization became necessary. The first job was to transfer folders from about 100 filing cabinets to a central archive. Space was in short supply, the fileroom was bursting at the seams!

The solution: Hänel carousels!

More than 100,000 vertical folders (stacked in a line they would stretch half a kilometre) are now neatly stowed in 10 Hänel Rotomats®, ready for immediate access!

All of the administrative staff enjoys working with the Rotomat® system, and particularly appreciate how easy it is to use.

The Rotomat® 7-600 is the efficient carousel for vertical folders. Smooth-action drawers with telescopic runners make for easy handling.

Thousands of vertical folders neatly arranged and easy to access



Configuration examples

Rotomat®	Carriers	Telescopic drawers	Sections	Folder height	Capacity	Dimensions in mm		
						Height	Width	Depth*
7-600/115/250/254	12	2	3	230 mm	29.52 rm	2,100	2,500	1,155
7-600/115/327/254	18	3	3/2/3	230 mm	59.04 rm	2,860	3,270	1,155
7-600/115/250/280	11	2	3	255 mm	27.06 rm	2,140	2,500	1,155
7-600/115/327/280	15	3	3/2/3	255 mm	49.20 rm	2,700	3,270	1,155
7-600/125/251/254	12	2	3	230 mm	33.12 rm	2,100	2,510	1,255
7-600/125/251/280	17	2	3	255 mm	46.92 rm	2,970	2,510	1,255
7-600/115/250/254	20	2	3	230 mm	49.20 rm	3,120	2,500	1,155
7-600/115/327/254	12	3	3/2/3	230 mm	39.36 rm	2,100	3,270	1,155

*Plus 300 mm for the work counter, fitted at 750 mm height.

A Hänel Rotomat® office carousel 7-600/115/327/254 with 3 drawers and 8 sections in 12 carriers can accommodate 5,904 folders with an average thickness of 1 cm. This corresponds to 59.04 running metres.



**All formats – whether standard
or custom – can be stored without difficulty.**

Hänel Rotomat® 700

The carousel for cards and archives

Efficient management of archives with maximum cube capacity on a minimal footprint

The Hänel Rotomat® 700 offers abundant space on a minimal footprint. Its huge capacity results from its ability to adapt optimally to the available room height.

The versatile fittings inside the Rotomat® 700 allow it to be used for a wide variety of applications. It is ideal for cards of all sizes, computer disks, microfilm jackets, microfiche, letters and legal folders, press photos and X-ray pictures to name but a few!

Any required item is automatically brought to the user in seconds – conveniently, at the right ergonomic height, without any legwork or physical effort.

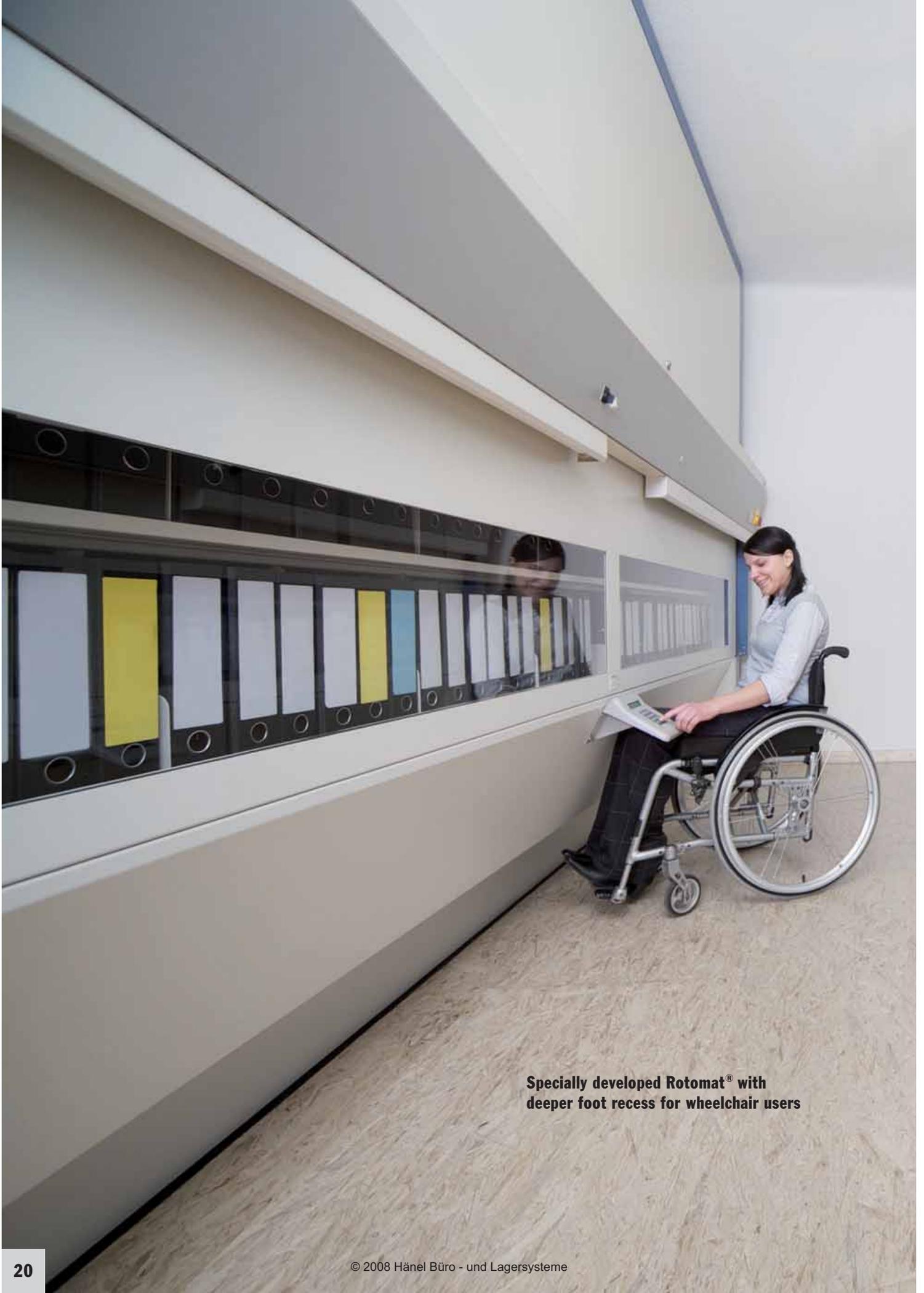
When payloads are heavy, the Rotomat® industrial carousel offers the solid foundation required



Configuration examples

Rotomat®	Format	Shelves	Boxes	Capacity	Dimensions in mm		
					Height	Width	Depth*
700/115/260/203	A5 Landscape	14	140	56.00 rm	1,980	2,600	1,155
700/115/260/203	A5 Landscape	24	240	96.00 rm	3,000	2,600	1,155
700/115/327/203	A5 Landscape	14	168	67.20 rm	1,980	3,270	1,155
700/115/327/203	A5 Landscape	21	252	100.80 rm	2,700	3,270	1,155
700/115/260/280	A5 Portrait	11	143	57.20 rm	2,140	2,600	1,155
700/115/260/280	A5 Portrait	17	221	88.40 rm	2,980	2,600	1,155
700/115/260/280	A4 Landscape	11	77	30.80 rm	2,140	2,600	1,155
700/115/260/280	A4 Landscape	15	105	42.00 rm	2,700	2,600	1,155

*Plus 300 mm for the work counter, fitted at 750 mm height.



Specially developed Rotomat® with deeper foot recess for wheelchair users

Hänel Rotomat® office carousel adapted for use by the disabled

The Hänel Rotomat® is an ideal filing system for disabled users

Integration of the disabled at the workplace is more important today than it has ever been. The right measures need to be taken, however, if proper integration is to be achieved.

Hänel offers custom-made solutions with regard to workstations suitable for the disabled.

Special solutions have been designed in cooperation with the German association for self-help for the physically handicapped in Krautheim:

- ▶ The ergonomic recess at the retrieval area allows wheelchair users to get close to the carousel, thus enabling easy processing of the files.
- ▶ Each stop position of the carrier set can be defined individually by the Hänel multifunction positioning system.
- ▶ The control panel is placed in the centre of the work counter. Rotomats® with no work counter have the control panel in an easy-to-reach keyboard housing.



The Hänel microprocessor control unit is conveniently positioned



The ergonomically-designed foot recess at the retrieval point allows wheelchair users to approach the carousel closely



The Hänel Rotomat® 600 for vertical hanging folders in the version adapted for the disabled – ideal for wheelchair users

Know-how is our strength: The intelligent control systems from Hänel

The control system is decisive for achieving performance and boosting efficiency

The microprocessor controls from Hänel offer a wide range of options: alphabetic record management by manual or computerized control, identification and access to the files by bar-code scanner, alphabetic directory management, operation at two separate retrieval points.

Depending on the configuration level of the control unit, up to four serial interfaces are available per Hänel Rotomat® to allow peripheral devices such as label printers or bar-code readers to be integrated.

Hänel has the right control concept for every type of administration!

MPOA – the compact standard control system for the Hänel Rotomat®

The MPOA with 2-line VF display

The MP OA has a two-line VF display. Once the shelf number has been entered, the shelf levels are selected directly. The shelf number is displayed digitally in the retrieval point.

The MP OA also has an integrated index management function. When the MFPS positioning system is used, individually programmable stop positions for file drawers are possible.

With the MP OA, two retrieval openings can be operated on one Rotomat®. Emergency operation with the retrieval hatch closed is also possible.

An interface card with RS 232 connection for a PC can be supplied as an option for the MP OA.

The MP OA is also available with a 3-figure digital display and numeric keypad.





The Hänel MP 12 N-S top controller with touchscreen technology

MP 12 N-S – the top controller for the Hänel Rotomat® office carousel

The intelligent way to manage files. It offers comprehensive, integrated file management based on file numbers, file names, storage locations and file areas.

Maximum user-friendliness and functionality

- Supplementary data fields.
- Option for saving storage and retrieval lists.
- On-screen display or printout of varied storage lists. Graphical representation of the carousel run on the TFT display.
- Dust-proof and splash-proof short-stroke keyboard with additional function keys for selecting important functions.

- Display texts and messages are available in 17 languages.
- Up to four retrieval openings per carousel are possible.
- Four serial interfaces mean that barcode scanners, badge readers and other peripheral devices can be connected.
- The standard Ethernet interface enables data to be exchanged with higher-level host systems and printed out on networked printers.
- The integrated web server provides access to the file data in the customer's corporate network.
- Customized system settings for language, printouts, control and operating functions, and for file management functions.

Hänel offers a range of control units so that the Rotomat® can be integrated seamlessly into any organization system.

File management with the Hänel systems

Space-optimized storage and quick access to files saves space and time!

File management with the integrated tracking function offers complete control over available and borrowed files.

Reservation

Personal reservation of files ensures that the file in question is indeed available in the archive when needed.

Access restrictions

File security, which is important for personnel records, for example, can be increased by an optional access control function. In this case, the operator must identify himself or herself before withdrawing or returning a file. This is done by entering an ID code on the keyboard, by barcode scanner or badge reader. The storage location can only be accessed if the identification is positive.

File tracking

The integrated tracking function allows a note to be left, indicating who has borrowed the file. This note is then displayed to other users when they request the same file.

Applications

File management is used in many different sectors, for example by public authorities and administrative offices, associations and organizations, service providers (legal, tax and health offices, agencies, doctors' practices, hospitals), providers of financial services (banks, insurances), the media, medical engineering, pharmaceutical industry, etc.

The pluses

- ▶ Modernization of archives by integrating the management software in the storage system with centralized data storage.
- ▶ Selection of files by multiple search criteria.
- ▶ Retrieval times can be drastically reduced by combining multiple files in one joint retrieval request.
- ▶ Data entry by barcode scanner directly at the Hänel carousel control reduces the number of input errors.
- ▶ Integrated tracking management and personal identification.

File number	File name	Lift	Shelf	File area	Available	Reserved	Res. by.
101-100-ME	MEIER, KARL-HEINZ	1	1	Credit File	1	Yes	FW
101-200-WA	WALTER, WALTER	1	1	Credit File	0	No	-
101-300-KU	KRUGER, GEORGE	1	1	Credit File	1	Yes	FW
201-100-BA	-	1	1	Leasing	0	No	-
301-100-HA	HEFELE, ALEXANDRA	1	1	Leasing	0	No	-
302-102-HM	HUCKEL, GEORGE	1	1	Credit File	0	No	-

The file overview shows the current status of all files. Specific files can be retrieved using the match code search

File number	File name	Goods In/out	Quantity	Date	Time	Withdrawn by
301-100-HA	HEFELE, ALEXANDRA	p	1	11.12.08	09:38	-
302-102-HM	HUCKEL, GEORGE	p	1	11.12.08	09:40	-
404-104-ZG	ZIEGLER, PAUL	p	1	11.12.08	09:42	-
201-100-BA	-	z	1	12.12.08	09:26	MZ
101-200-WA	WALTER, WALTER	z	1	12.12.08	09:31	FW
101-200-WA	WALTER, WALTER	a	1	12.12.08	09:31	MSK
301-100-HA	HEFELE, ALEXANDRA	a	1	12.12.08	09:35	REM
201-100-BA	-	a	1	12.12.08	09:37	PJ

The operations journal is used to record all storage movements, which can be exported in the form of a data file if needed

File number	File name	With. by	File area	With.date	With. time
101-200-WA	WALTER, WALTER	MSK	CREDIT FILE	12.12.08	09:31
201-100-BA	-	PJ	LEASING	12.12.08	09:37
301-100-HA	HEFELE, ALEXANDRA	REM	LEASING	12.12.08	09:35
302-102-HM	HUCKEL, GEORGE	FW	CREDIT FILE	12.12.08	09:41

The tracking list shows all the files that have been withdrawn, including who withdrew them and when . . .

Info	
File number	101-200-WA
File name	WALTER, WALTER
File area	CREDIT FILE
Available	0
Reserved	No
Res. by	-

. . . and if a borrowed file is requested at the user terminal, a withdrawal note is displayed immediately

Interfacing with IT systems and peripheral devices

Integration into IT networks and data exchange with a central host computer are hassle-free!

The modular architecture of the software and use of the latest programming tools guarantee easy adaptation of the software to growing demands.

Even the basic versions of the MP 12 N-S and the MP 100 D control units are equipped with a standard interface for data interchange. The controllers are hooked up to the customer's IT network via Ethernet.

The integrated web server allows all the data for records management to be displayed conveniently via the corporate network using a web browser and also to be printed out.

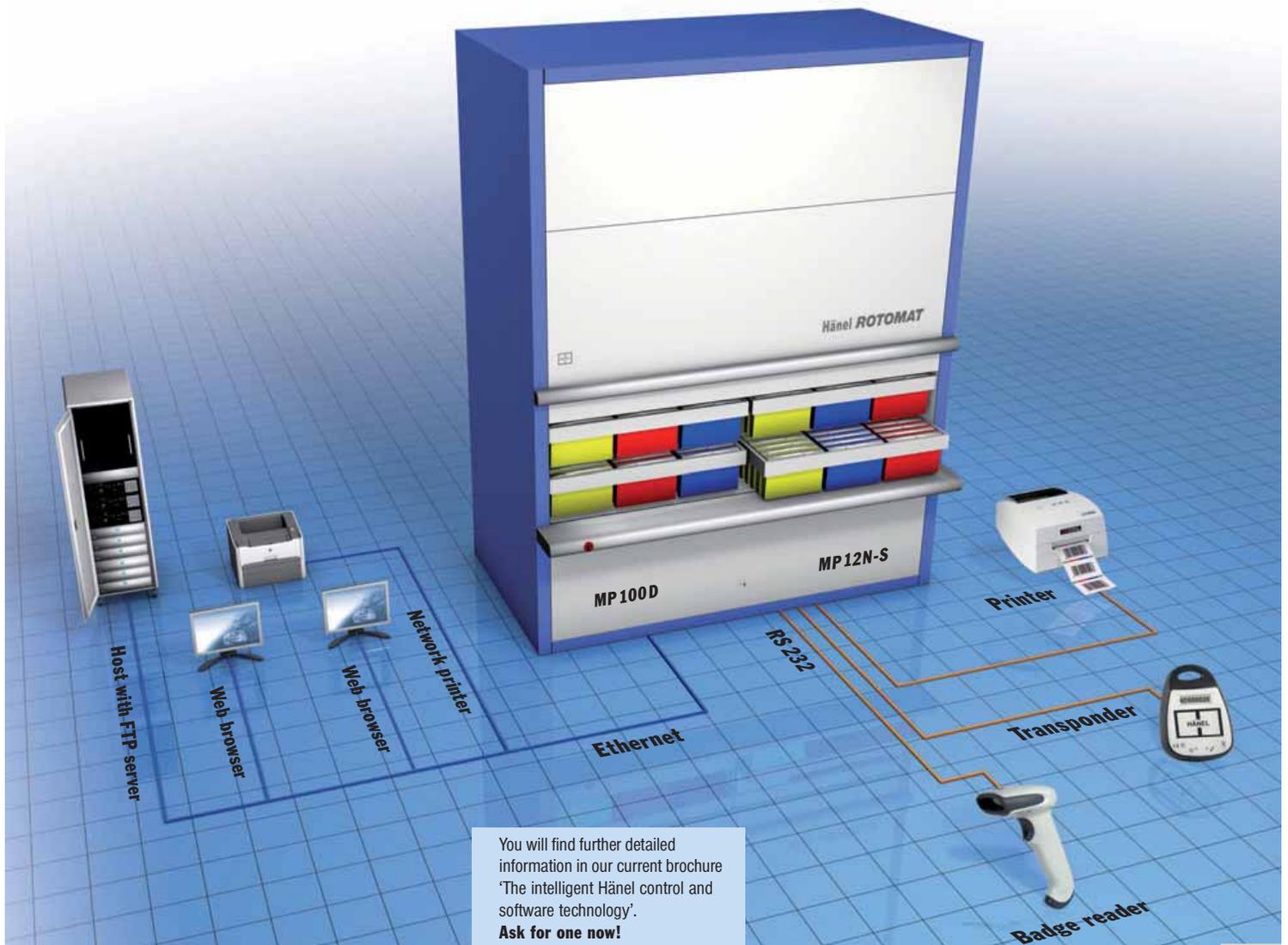
The Hänel control system offers a wide range of options for connecting peripheral devices.

The serial RS 232 interfaces enable peripheral devices such as barcode scanners, badge readers or label printers to be connected effortlessly to the intelligent Hänel microprocessor control units.

The label printer, for example, can be used to print a label with barcode for each newly created file.

The pluses

- ▶ Quick and easy connection of peripheral devices.
- ▶ Efficient work methods thanks to the ergonomic placement of the peripheral devices.
- ▶ Flexible positioning with the Hänel Varioarm system.
- ▶ Smooth workflow resulting in saved time.



You will find further detailed information in our current brochure 'The intelligent Hänel control and software technology'.
Ask for one now!

Hänel Rotomat® office carousels

Taking care of microfilm, stationery, brochures...

The design of the Hänel Rotomat® office carousels allows a wide variety of applications

Hänel is able to tailor the Rotomat® office carousels to meet your individual needs. This can mean adapting them to your inventory or providing a customized all-in-one solution – anything is possible.

Many customers use this service to develop the ideal filing system for their requirements in conjunction with Hänel.

Explain your needs to us – we'll take care of the solution.

This page shows a few examples of how some Hänel customers are using their Rotomat® office carousels.

We have the right solution for your filing needs – talk to the specialists from Hänel!



Storage of data tapes in a hospital



Special inserts for archiving A4 documents



Handling brochures the Hänel way

Hänel industrial storage carousels Solutions for industry

Hänel offers a comprehensive portfolio of storage systems for cutting-edge warehousing and materials handling in industry.

Decentralized tool provisioning



Antistatic storage
in the production hall

Typical of Hänel: Innovative developments and state-of-the-art production technology

**Hänel – a company committed
to the highest quality**

Quality starts with a systems consultation

No two Hänel carousels are the same. Simply because each application is unique.

This is why, at Hänel, high-quality consultation takes priority along with product quality. Based on your requirements and our experience, we develop a complete solution tailored to your needs.

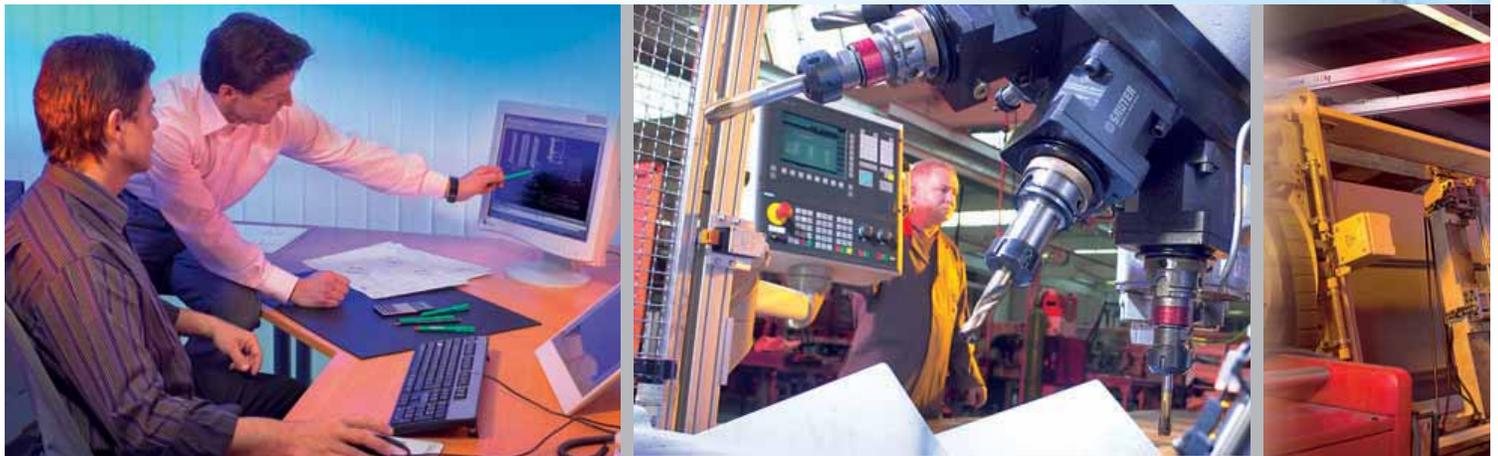
High-tech production to meet high-end demands

Highly qualified specialists put the ideas of the planning engineers into production, using the latest manufacturing techniques, applying their knowledge and experience.

Despite automation, the focus at Hänel is on people. They are the ones who coordinate the different production steps and monitor quality constantly.

On September 1st, 1993, Hänel Germany was awarded the international certificate of quality according to ISO 9001, by the German Association for Certification of Quality Management Systems. It was the first company in its field (vertical lift technology) worldwide to achieve this distinction.

And in 2008 once again the process-oriented quality management of Hänel was acknowledged by the technical control board of the TÜV Hessen with the current DIN EN ISO 9001: 2000 Certificate.



CERTIFICATE



Management system as per
DIN EN ISO 9001:2000

Evidence of conformity with the above standard(s) has been furnished
and is certified in accordance with TÜV CERT procedures for



Hänel GmbH & Co. KG
Büro- und Lagersysteme
Kocherwaldstr. 25 - D-74177 Bad Friedrichshall
Am Zollwasen 3, D-97353 Wiesentheid
Hänel & Co. Büro- und Lagersysteme
Bafflesstraße 21 - CH-9450 Altstätten/SG

Scope

**Design, Conception, Production,
Distribution and Maintenance of
Office and Storage Systems.**

Certificate registration No. 73 100 2545
Audit Report No. 4184 8914

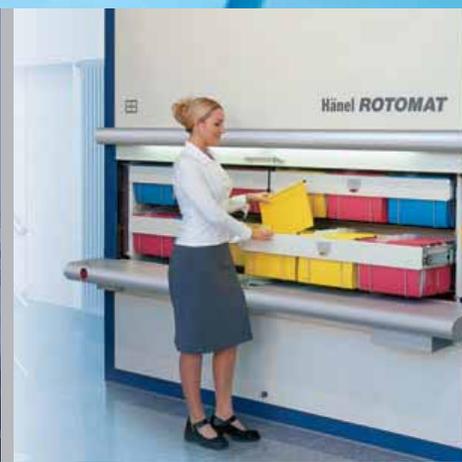
TÜV CERT-Certification body
System
Person manager

Valid until **1st October 2011**

Darmstadt, 4th November 2008



... was conducted in accordance with the TÜV CERT auditing and cert...
... of is subject to regular surveillance audits. Verifiable under www...
... Überwachung Hessen GmbH, Rüdelsheimer Str. 119...



Successful companies worldwide opt for quality and first-rate technology ‘made by Hänel’

We see worldwide customer service as our obligation: That's why we have distribution centres in over 60 countries!

Part of Hänel quality is being there whenever you need us. Worldwide...

The employees in our support centres are factory trained and approach their jobs in a highly professional manner.

Whether a warehouse management concept needs to be developed, operating personnel need to be trained or maintenance and repair work needs to be done:

The Hänel team is at your disposal.



- | | | | |
|----------------|---------------|--------------------|----------------------|
| Algeria | France | Luxembourg | Slovenia |
| Australia | Germany | Malaysia | South Africa |
| Austria | Great Britain | Mexico | South Korea |
| Bahrain | Greece | Morocco | Spain |
| Belgium | Hong Kong | New Zealand | Sweden |
| Brazil | Hungary | Netherlands | Switzerland |
| Bulgaria | India | Norway | Syria |
| Canada | Iran | Oman | Taiwan |
| Chile | Ireland | Poland | Thailand |
| China | Israel | Portugal | Tunisia |
| Costa Rica | Italy | Qatar | Turkey |
| Croatia | Jordan | Romania | Ukraine |
| Czech Republic | Kuwait | Russian Federation | United Arab Emirates |
| Denmark | Latvia | Saudi Arabia | USA |
| Egypt | Lebanon | Scotland | Vietnam |
| Estonia | Libya | Singapore | |
| Finland | Lithuania | Slovakia | |



Hänel customer service: Our support gets top ratings!

Good to know that there are professionals.

The most important job for our customer service department is to maintain the uptime and operation of your system.

Breakdowns on a Hänel storage system are very rare. Should it happen, our customer service is a reliable partner.

Continuous, on hand training certification and seminars allow our service team to be experts about our equipment.

The service team is always up to date on the newest Hänel Technology

Today's technology changes and renews constantly. Our service technicians keep up with this development.



The Hänel product portfolio – the right solution for every need!



Hänel Rotomat® office carousel

The Hänel Rotomat® is the optimal filing system for office and administration.

Folders, index cards or binders – the Hänel Rotomat® keeps them all in order. It finds the right file from among thousands of hanging folders and retrieves it in seconds. The powerful Hänel microprocessor control systems enable the Rotomat® to be networked directly with a PC. All Rotomat® office carousels are also available in a version suitable for disabled operators.



Hänel Rotomat® industrial carousel

Each Hänel Rotomat® is designed according to the tried-and-tested Ferris wheel model (vertical carousel principle) which means: goods to man and not man to goods.

The compact design enables up to 60 % more storage capacity to be created on a minimal footprint by making use of the available room height. No two Hänel Rotomats® are the same, because each task demands a precisely defined solution.



Hänel Lockomat®

The Hänel Lockomat® is the ideal storage system for safe and secure provisioning of small parts, tools, electronic components, medicines, etc.

User authentication is provided by ID card, PIN code or optionally by transponder. The Hänel Lockomat® can be used in a wide range of sectors: the chemical industry, banking, pharmacies, etc.: wherever items that look the same on the outside but are entirely different on the inside need to be stored and retrieved quickly and without error.



Hänel Lean-Lift®

The Hänel Lean-Lift® is both storage rationalization and goods protection in one. At the centre of the 'cabinet' is a computer-controlled positioning lift – called the 'extractor'. In front of it and behind it are the storage shelves. This is where the articles are kept in containers.

The storage locations are accessed automatically under electronic control by the extractor. It stores or retrieves the requested container. The operator works comfortably in the retrieval area where the goods are presented at the correct ergonomic height.



Hänel Multi-Space®

Hänel has optimized the principle of 3-axis storage systems with the Hänel Multi-Space®. In addition to the many advantages of the Hänel Lean-Lift technology, the Hänel Multi-Space® offers maximum flexibility, speed and use of space.

With its advanced technology, Hänel is able to offer a 3-axis storage system over 9 m in width. The Hänel Multi-Space® can even be varied in width and height once installed – an innovation from Hänel!

Even the number of retrieval points is variable and can be changed at any time.



The intelligent Hänel control and software technology

Our strength lies in our know-how. Because only object-related, practice-oriented microprocessor control units can offer you a complete storage management system. Hänel storage systems can also be controlled via a computer interface, of course. Hook-up to enterprise resource planning systems is no problem. Hänel also offers software solutions for individual requirements. HänelSoft® for example is a powerful software package that can be tailored to any customer's needs.

Hänel**Büro- und Lagersysteme**

P. O. Box 1161
D - 74173 Bad Friedrichshall
Tel. 07136/277-0
Fax 07136/277201
E-mail: info@haenel.de
www.hanelworldwide.com

Hänel**Büro- und Lagersysteme**

Bafflesstrasse 21
CH - 9450 Altstätten SG
Tel. 071/7573080
Fax 071/7573085
E-mail: info@haenel.ch
www.haenel.ch

Hanel Systèmes

Europarc - 139, Chemin des Bassins
F - 94035 Créteil Cedex
Tél. 01 45 13 96 10
Fax 01 45 13 96 13
E-mail: hanel@hanel.fr
www.hanel.fr

Hänel**Kantoor- en Magazijnsystemen**

De Linie 3D
NL - 2905 AX Capelle a/d IJssel
Tel. 010/4504450
Fax 010/4503577
E-mail: info@haenel.nl
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Hänel**Storage Systems**

121 Industry Drive
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