

Maximise Space | Minimise Time

Intelligent office storage solutions



Office solutions from Kardex Remstar: Increased space, enhanced security, improved accessibility: attractive, efficient storage systems for all

- 6 Kardex Remstar Lektriever
- 12 Space and Productivity
- 13 Security and Control
- 14 Accessibility and Ergonomics
- 15 Systems Integration
- 16 Corporate Responsibility and Sustainable Solutions
- 17 Kardex Remstar Megamat RS
- 18 Kardex Remstar Shuttle XP
- 20 Kardex Remstar Mobile Shelving
- 28 Kardex Remstar Times Two
- 32 Kardex Remstar Safe Files
- 34 Kardex Remstar Citadel Document Safe Cabinet
- 35 Kardex Remstar Citadel Data Safe Cabinet
- 38 Kardex Remstar Software –
Power Pick Office
- 40 Kardex Remstar
Life Cycle Management
- 42 Kardex Group –
Your reliable partner for automated
storage and retrieval systems



Passionate about storage: Kardex Remstar specialises in providing solutions that deliver improved working practices, increasing productivity and optimising storage space.

At Kardex Remstar, we've made a science out of storage and retrieval, offering intelligent office solutions to improve your business processes.

Working closely alongside you, we can identify the benefits of tailored storage solutions, devising innovative strategies and offering practical advice to help drive your organisation forwards to its corporate goals.

Paper records, files, stationery, CD/DVD, credit cards, library, and X-ray; light industrial applications, sample vials, artefacts, valuables collectors' items, guns, sports equipment, cheque books,

certificates and licenses... we understand that companies have to contend with an ever-widening range of media. That's why we've developed solutions to suit any of these applications, which will save space, improve security and productivity, comply with the latest legislation, deliver a greener office environment and save you money.

So, whether you are relocating, refurbishing – or simply looking to do things better – you can rely on Kardex Remstar for fresh, 'out-of-the-box' thinking to solve an age-old problem.

Benefits at a glance

- Reduce floor space by up to 70%
- Increase staff productivity by 100%
- Improve security and control over contents
- Comply with latest legislation on accessibility and data protection
- Integrate soft and hard copy technologies

ΓΕΜΠΟΡΕΙΕΣ

- Ιατρικές γαλάκτες και άλλα κομμάτια βιοτεχνίας
- Ου αεροεπιπέδων και άλλων
- Κομμάτια μηχανών τεχνολογίας κομψών
- Ιατρικά εγχειρίδια και κομμάτια οπών



Further information:
www.kardex-remstar.com

Kardex Remstar: Integrated storage solutions that work worldwide



**Kardex Remstar:
Bellheim/Germany**



**Kardex Remstar:
Neuburg/Germany**

**Kardex Remstar Software
Solutions are developed at
our competence centre in
Wörth, Germany.**

Whatever your industry sector we have a solution that will help to improve your business processes.



Intelligent storage and retrieval solutions – increasing productivity, and reducing overheads.

We love a technical challenge and are always striving for perfection. We are continuously developing innovative solutions, always with the goal of meeting and exceeding the requirements of our customers. Our track record, we have already installed over 140,000 systems in the office, warehouse and manufacturing sectors.

Kardex Remstar is one of the world's leading manufacturers of storage and retrieval solutions. Each system is specifically designed to make your working processes more productive and efficient as a result of integrating well thought out concepts with proven technologies.

Our tailor made storage and retrieval solutions allow you to optimise storage capacity whilst at the same time reducing the cost of handling goods. The degree of automation used, can be selected to suit the application ranging from manual systems right up to fully automated robot assisted solutions.

Represented worldwide

Global thinking means being and thinking everywhere. Our market is the global market. Our customers often operate on an international scale or are global players with worldwide activities: Kardex

Remstar adapted to this very early on. We are where you need us – we have subsidiaries and agencies in almost every country of economic importance in the world, keeping us up close and personal to all of our customers. But we go one step further: as part of the Kardex Group, which has over 2200 employees, we can transfer our expertise directly to your organisation, in the form of service, support and training.

Quality and safety

We want to fulfil your expectations in every way – because we know that sustained quality creates trust in a company. This is why we make great demands on ourselves. All systems manufactured by Kardex Remstar are subjected to the strictest quality guide-lines in Bellheim and Neuburg (Germany).

Where applicable our products are certified to the following standards, among others:

- DIN EN ISO 9001 and 14001 for systems made by Kardex Produktion Deutschland GmbH
- UL-tested and approved
- Compliant with CE norms
- RAL quality standards in Germany
- Certified to TÜV-GS and TÜV-NRTL



Banking and Finance



Government



Hospitals



Insurance



Manufacturing



Retail

Kardex Remstar Lektriever®

Vertical Carousel:

Space-saving, secure, controlled access
to confidential media



Embrace new technologies: the Lektriever's wide range of internal fitments provides maximum flexibility for mixed media storage.



Designed to suit every situation: Whatever your industry, wherever your installation, however complex the challenge, we can tailor a solution specifically for you



Filing and storage

High-density storage of important documents gives quick and easy access for users in a secure and controlled environment. With only authorised staff allowed to retrieve files and all transactions being recorded using track-and-trace software, breaches in security are minimised and the possibility of lost files is considerably reduced.



Stationery storage

Controlling the usage of stationery can be difficult. Lockable and secure, the Lektriever will protect contents from dust and sunlight fade, while at the same time improving housekeeping and avoiding excessive and unjustified expenses. On-board software and user administration functions can restrict access to approved employees only.



Pharmacy

Accuracy and reliability are key to effectiveness in the pharmacy, where the dispensing of drugs and prescriptions for medicines needs to be tightly monitored. The Lektriever provides fast access to waiting patients within a secure and controlled environment, linking stock replenishment and date sensitive items via on-board software.



Pathology

In hospitals and laboratories, storage and retrieval needs to be handled with clinical precision. The Lektriever's special trays for housing samples provide efficient access, preserve security and minimise sample loss. Maximising floor to ceiling clearance saves valuable floor space, while the introduction of automation increases staff productivity.

The Kardex Remstar Lektriever's proven technology is transferable across many business sectors. With infinite applications, it's the storage solution that works.



Towels and laundry

The sheer volume of table linen, towels and laundry in hotels and hospitals presents a storage and retrieval conundrum. The installation of Lektrievers can simply and effectively overcome the challenges posed by automating the process of handling and ensuring safe, dry, clean and secure access to the items as required.



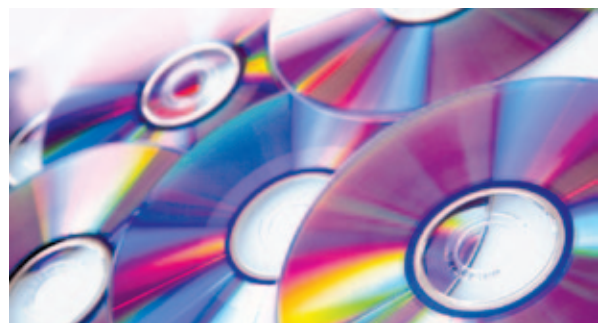
Retail

With the cost of high street floor space rocketing in major city centres, the Lektriever is the way forward for storage and retrieval. Not only can shoes, bags, drugs, books and DVD/CDs be easily accommodated – maximising floor space savings – but also live data can be provided on inventory, minimising stock shrinkage.



Fire protection

Offering fire protection to satisfy various security levels to suit individual customers' needs, the Lektriever can be fitted with heat and smoke sensors that, when triggered, will release fire suppression systems to shield its contents. In these critical situations, we recommend that each unit be fitted with automatic closing doors.



General storage

From presentation documents to Christmas decorations, from telephone message pads to tableware, there are innumerable different items requiring storage in today's offices – quite apart from everyday filing. With the benefits of automation, the Lektriever is perfectly designed to accommodate everything from the fundamental to the far-fetched.

Features and benefits:

Space-saving systems that offer easy access to items of every dimension, from confidential files to other essential media formats

Technical Data

Standard Unit Dimensions

Width	from	1,810 mm
	to	3,269 mm
Height	from	2,025 mm
	to	3,700 mm
Depth	from	925 mm
	to	1,330 mm

Usable Shelf Dimensions

Width	from	1,450 mm
	to	2,909 mm
Height	from	225 mm
	to	491 mm
Pitches available		8" to 16"
Depth	from	322 mm
	to	465 mm

Shelf load

150 kgs

Unit Load

4,070 kgs



1

Power Pick Office software

- A simple and user-friendly track-and-trace software tool
- User management: login password offers access rights to contents by shelf or machine type
- Transaction logs on users, activity type, and date
- List of overdue documents and items

2

Ergonomics and accessibility

- Automated retrieval brings stored items to the user
- Freedom from walking, bending and stretching to retrieve files and media increases users productivity and work accuracy
- Automation ensures that all users have equal ability to access and work with the system irrespective of any personal ability or limitation

3

Door options

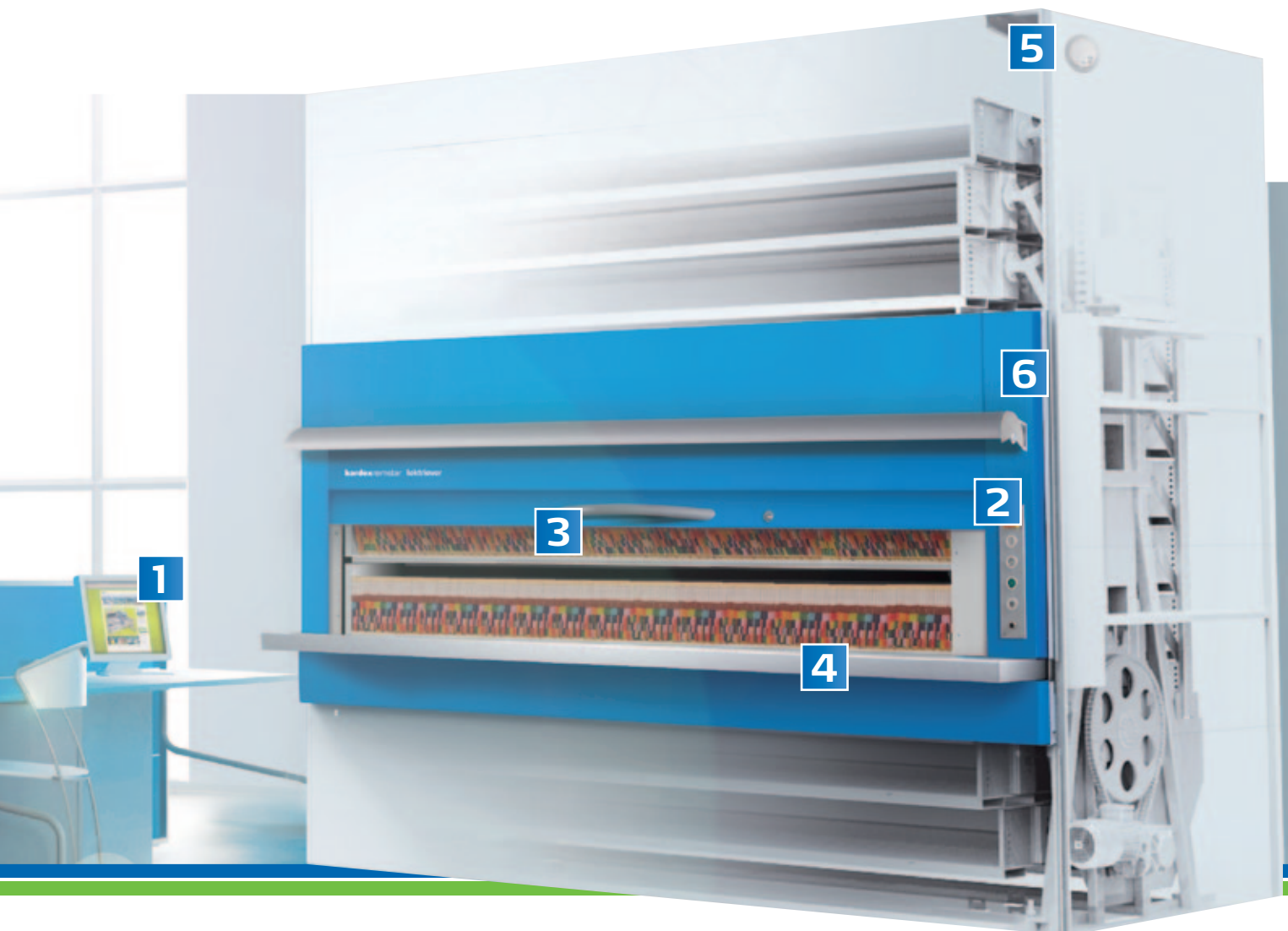
Automatic Security Door

- Level 1: supervisory pass-code or PIN allows one individual to open Lektriever
- Level 2: up to 25 individual user PIN
- Level 3: restricts users to certain shelves within the unit
- Level 4: integrated with Power Pick Office software where all transactions are logged and generates audit reports
- All machine movements are carried out with the doors in the closed position

Manual Door

- Bi-parting manual door for lower security general use

Revolutionise the process of filing and mixed media retrieval in your office with the Kardex Remstar Lektriever.



4

Posting board options

- Electrically adjustable posting board enables users to alter the height between 770–1000 mm for personal setting preferences, with up to four pre-set positions
- Mechanically adjustable posting board allows users to select heights at 50 mm intervals between 770–1000 mm for individual preferences
- Static posting boards can be fixed at either 750 or 1000 mm for seated or standing access
- Fold down posting board in either a seated or standing position offers additional working space when required

5

Fire Protection

- Full range of fire protection options available, determined by company's individual fire policies
- Fire retardant material can be fitted to the inner panels to reduce risk of fire penetration from outside
- Suppression systems can be fitted to the internal critical parts to prevent outbreak of fire
- Total flood systems can be installed to provide protection for the whole machine volume
- In all instances it is highly recommended that automatic security doors are installed to increase the effectiveness of the suppression systems

6

Colour and finish options

- Available in a range of standard RAL colours to suit your office decor
- Units can be clad in wood veneer or other material to complement design briefs
- Posting boards available in a range of colours and materials, to complement décor or specific applications

Space and Productivity:

Make your office space work harder

Avoid counting the cost of inefficient storage! Kardex Remstar intelligent storage solutions can optimise your office accommodation, minimising wasted space and maximising employee productivity.

The premiums paid for useable office space mean that you need to consider seriously the most effective way to store and retrieve all of the different types of media in your office. Optimising your accommodation to create more meeting rooms or work stations for additional business teams – or simply to increase your efficiency – will pay dividends in the long run.

Performance and productivity are key criteria to bear in mind when contemplating the type of storage system that would suit your needs best. Kardex Remstar intelligent storage solutions address both criteria and score highly on each.

Maximum storage performance

The number of filing metres that can be accommodated within the footprint of any storage system is a key efficiency indicator: there can be a dramatic variance between the capacity of different solution types.

By taking advantage of cubic volume and not square area, the Lektriever automated vertical carousel optimises floor space. The unit can be built right up to ceiling height, and when considered at the design stages of a building, can even be built to go through a number of floors while maintaining the same footprint. Compared to other solutions, it is one of the most efficient in terms of linear storage metres per square foot of floor space – up to twice as efficient as drawer and lateral cabinets.

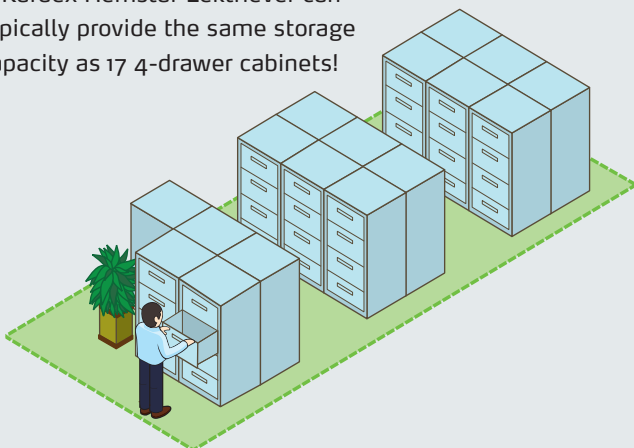
Increased productivity

Productivity can simply be measured by establishing how long it takes for users to access key information or retrieve certain items. Is there an unnecessary amount of non-productive activity, such as walking around the office, bending or stretching, to carry out the task? What happens if the item being searched for is not there, lost or misplaced? How much time is then spent searching or lost items?

By introducing automation in filing and storage, the Lektriever enables tasks to be carried out from one seated or standing location, without the need to move away from the workstation. Time and motion studies clearly show that productivity gains of over 100 percent are experienced by users of Lektrievers, when compared to manual systems such as drawer and lateral cabinets as well as static and mobile shelving.

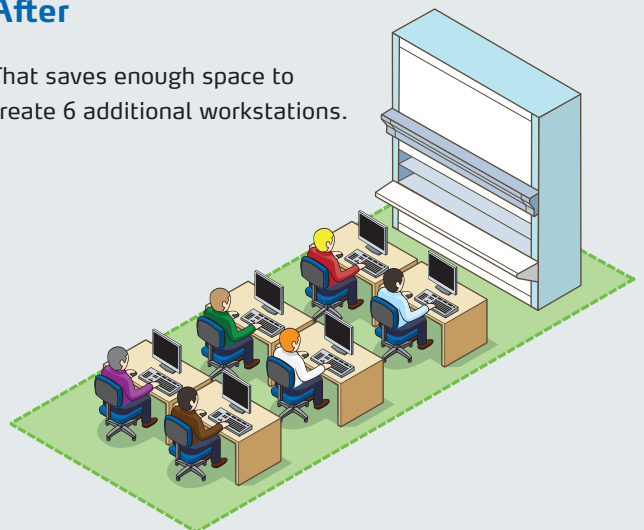
Before

A Kardex Remstar Lektriever can typically provide the same storage capacity as 17 4-drawer cabinets!



After

That saves enough space to create 6 additional workstations.



Security and Control:

Ensure your key documents are secure

Don't leave document security to chance! The Kardex Remstar Lektriever comes with peace of mind built in, with a full range of security measures designed to preserve your documents' confidentiality.



Locking shelves on the Kardex Remstar Lektriever ensures files are stored securely

With so much legislation in place these days to protect the rights of individuals, businesses in every sector need to consider carefully the creation and management of records.

How companies store and retrieve their records is just as important as what information is contained within them, and statutes such as the Data Protection Act 1998 and the Freedom of Information Act 2000 cover every type of technology and file format, from documents, paper based and computer files, emails, diaries and faxes, to brochures, reports, web pages, seized evidence, audio/video tapes, microfilm/fiche, plans, drawings and photos.

Meeting regulatory obligations

If you're in the financial services industry, you'll also have additional regulatory obligations and will probably already be aware what you must do to protect and manage records effectively, efficiently and economically.

Over the past few years, organisations such as the Financial Services Authority (FSA) have been closely monitoring rights of access to stored information so it is becoming ever more important to protect records from unauthorised access; high profile firms are routinely fined £millions for non-compliance where security guidelines have been compromised.

Built-in security measures

Kardex Remstar has unique expertise in storing records safely, to ensure their usability, reliability, authenticity and preservation for as long as they are needed. Using the Lektriever in conjunction with our Power Pick Office software ensures that compliance is much more achievable and manageable than with any manual file systems.

Built-in security features can be adapted to suit companies' specific requirements, ranging from supervisory pass-codes or PIN that will allow individuals to open Lektriever to full integration with Power Pick Office software where all transactions are logged and audit reports are generated. It is also possible to identify certain shelves within the unit and restrict access to those shelves alone. The fact that all machine movements can be carried out with the doors in the closed position further guarantees security.

Accessibility and Ergonomics: Guarantee effortless access for all

Make sure your business is equality compliant! The Kardex Remstar Lektriever is designed to offer accessibility for all staff, meeting both disability standards and health and safety requirements.



Under the Equality Act 2010, all employers have a duty to ensure disabled persons working for them aren't being put at a disadvantage compared to other members of their non-disabled staff. Often, to fulfil that duty, they need to make reasonable adjustments, so that disabled employees (and applicants) aren't discriminated against.

These reasonable adjustments can apply to the working arrangements for staff, including tailoring their working hours, for example, and to any physical aspects of the workplace, such as providing an adapted piece of equipment to help carry out the job. The job must 'fit the person' in all respects, and the work situation should not compromise human capabilities and limitations.

Preventing future injury

As well as catering for disabled staff, employers need to be mindful of not causing future disabilities. You must ensure that your equipment does not cause repetitive strain injuries, which can develop over time and can lead to long-term disability.

Ergonomics can help. Described as 'the science of designing the workplace environment to fit the user', ergonomics involves:

- Designing equipment and systems, so that they are easier to use and less likely to lead to errors in operation
- Designing tasks and jobs so that they are effective and take account of human needs such as rest breaks and sensible shift patterns, as well as other factors such as intrinsic rewards of work itself

- Designing equipment and work arrangements to improve working posture and ease the load on the body, thus reducing instances of repetitive strain injury or work related upper limb disorder.

The ergonomic solution

The Lektriever is perfect for both scenarios, not only catering for staff with disabilities but also preventing future repetitive strain injuries. An automated retrieval system, which brings the item requested to the operator at an ergonomic access position, it does away with the activities associated with manual systems such as pulling open drawers, reaching and bending.

In addition the Lektriever unit can be fitted with either an electrically or mechanically adjustable posting board (work surface) so casual users can use the unit at standing height, and longer file operations can be done in a more comfortable seated position.

Systems Integration:

All your filing together within one system

Can't merge your physical and digital files into one business process? The Kardex Remstar Lektriever allows all files of every format to be integrated into one business solution.

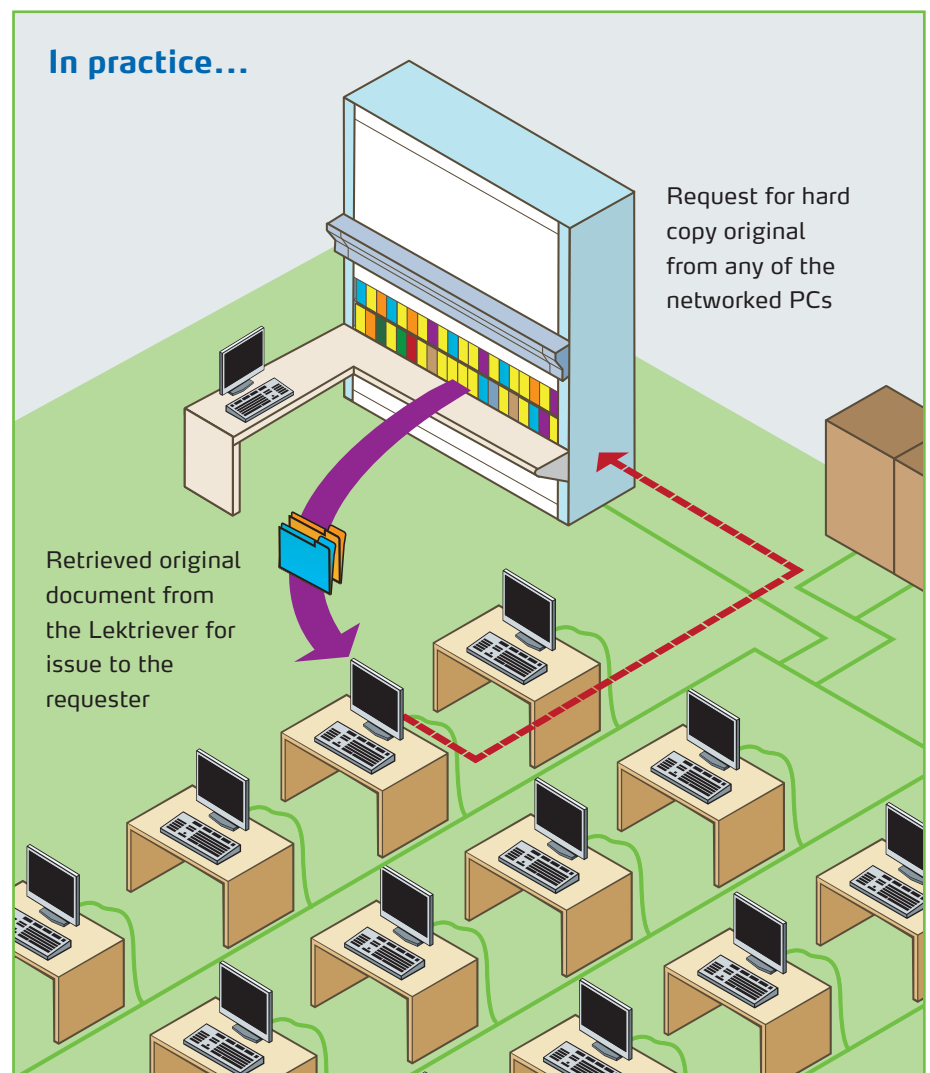
These days, many companies, whether for regulatory or other specific reasons, need to keep business-critical original documents safe and secure, alongside their matching digital image.

If you work with signed agreements, leases, contracts, policies, evidence or loan files – in fact, any document where its loss would prove commercially damaging to your business or expose it to litigation – then you'll understand how difficult it is to develop a workable strategy for integrated storage. The most obvious response is off-site storage, however, this is not only expensive, but it is time-consuming and there are issues relating to control.

Intelligent systems for integrating storage

Kardex Remstar offers a solution to this problem: uniquely intelligent systems that integrate physical and digital storage, which are space-saving and staff-friendly – and can actually be built within your office. This one, simple solution instantly removes the need for costly off-site storage and overcomes the growing concerns about loss of control and security breaches.

The Lektriever combines proven software and hardware technologies, including the use of scanning and OCR systems, to enable your company to both view digital images of 100,000s of documents and to retrieve the original documents within seconds. In addition, the Lektriever's wide range of internal



fits provides maximum flexibility for mixed media storage.

Adapting to your individual needs

At Kardex Remstar, we understand that each company's requirement is different and have a long track record of working with our customers to design

tailored solutions. With all the expertise and "know how" to bring recommendations to life, Kardex Remstar consultants will carry out file audits and space planning, proposing options that will lead to the most significant improvements in your overall business process.

Corporate Responsibility and Sustainable Solutions:

Reduce your impact on the environment

Take responsibility for the way your company's storage works. The Kardex Remstar Lektriever will ensure your business's sustainability by improving its impact on your people and the planet.

How's your company's Triple Bottom Line? Also sometimes known as the 3Ps, i.e. planet, people, profits, the Triple Bottom Line (TBL) captures a business's essence of sustainability by measuring the impact of their activities on the world. A positive TBL reflects an increase in the company's value, including shareholder value and its human and environmental capital.

A company's premises plays a key part in its TBL; whether the business optimises its building stock can significantly influence its sustainability positively or negatively.



A green revolution

In fact, the building sector, which consumes more than one third of the world's energy and in most countries is the largest source of greenhouse gas emissions, is a major contributor to the global environmental problem. Fortunately, the building sector can play an even bigger part in the solution, providing some of the most cost-effective and expedient ways to tackle climate change.

According to the Intergovernmental Panel on Climate Change (IPCC), building-related greenhouse gas emissions could almost double by 2030. However, the IPCC's most recent report has also found that, with proven and commercially available technologies, energy consumption in both new and existing buildings could be cut by an estimated 30-50 percent without significantly increasing investment costs.

Today, a global network of green building councils is at the forefront of galvanising action, within industry, government and the community. This coalition of more than 50 green building councils is transforming the global property market and building industry through green building rating systems, education and advocacy.

A number of independent studies confirm that buildings certified by



green building councils can consume 85 percent less energy and 60 percent less potable water, and send 69 percent less waste to landfill than non-certified buildings.

A positive impact

The Lektriever can play a significant role in helping organisations to achieve the necessary standards to meet these reductions and add to their Triple Bottom Line. By offering a saving of 50 percent in office floor space compared to conventional storage products, the Lektriever ensures businesses can use less electricity for heating and lighting. Not only does the Lektriever have a positive impact on the planet, but its ability to improve accessibility and productivity for all users, irrespective of ability or physical impairment, improves both its economic and social impact, ultimately making a positive contribution to the company's sustainability and profitability.

Kardex Remstar Megamat® RS: Maximum load capacity within minimum footprint



The Kardex Remstar Megamat RS has been specifically designed for office applications where the load is heavy and the floor space tight.

Paper files are one thing, but what if a heavier load-bearing capacity is required in your office?

The Megamat RS has been purpose designed for office applications where loads can reach above 150 kgs per shelf or in areas with above average ceiling heights. Offering all of the same functionality of the lighter weight

automated carousel Lektriever, it is perfect for those situations where a bit more muscle is required.

Examples include applications such as computer tape storage, where not only will the extremely densely packed mixed media result in a significant increase in the weight of items to be stored, but also in the sheer volume of

material to be stored, with each main Megamat shelf level being capable of division into another two or three intermediate levels.

The Megamat is equally useful at storing books and CDs and DVDs, and fits easily into a hospital situation where samples and liquids need to be securely stored.

Kardex Remstar Shuttle[®] XP: High volume capacity in a compact footprint



The sky is the limit with the Kardex Remstar Shuttle XP, where modular design and intelligent storage principle meet together to provide unrivalled storage capacity and flexibility.

The Shuttle XP is a vertical lift module (VLM) storage system, which involves an extractor tray moving vertically between two static bays of shelving, and bringing the selected tray to a central access point for the user to retrieve the items requested.

Optimised storage density

Available in varying heights, ranging from 2.55 metres right up to 30 metres, the Shuttle VLM offers

massive capacity, yet inhabits only the smallest of footprints. A key player in Kardex Remstar's portfolio of intelligent storage systems, the Shuttle includes a product height detection system, located at the access and loading point.

By automatically sensing the height of goods to be stored, and allocating the optimum location within the system, the Shuttle is able to maximise storage density without wasting any space.

Technical data

Unit dimensions

Width	1,580 to	4,380 mm
Depth	2,312 to	4,292 mm
Height	2,550 to	30,050 mm

Unit height pitch

100 mm steps

Performance data

Vertical speed
adjustable up to 2.0 m/s

Storage/retrieval speed adjustable
up to 0.7 m/s

Gross loading capacity max. 67/120 t

Trays

Width	1,250 to	4,050 mm
Depth	610 to	1,270 mm
Adjustment pitch	25 mm	
Tray pitch	75 mm	
Payload up to	725 kg	

Modular design and an intelligent storage principle offer the double benefit of future proof flexibility irrespective of location and storage medium.

Through floors and on the outside of buildings

By incorporating the Shuttle technology into the design and planning of the building, companies are able to gain maximum benefit from the system's innovative concept. Units can be installed through several floors of a building in much the same way as a lift-shaft is integrated into a plan, or can be positioned on the outside of the building if open-plan design is required. The Shuttle can easily be clad in a weather-proof material and becomes an integral part of the building. Inside, access points to the Shuttle can be allowed for at each or as many floors as required.

Benefit: Saving space

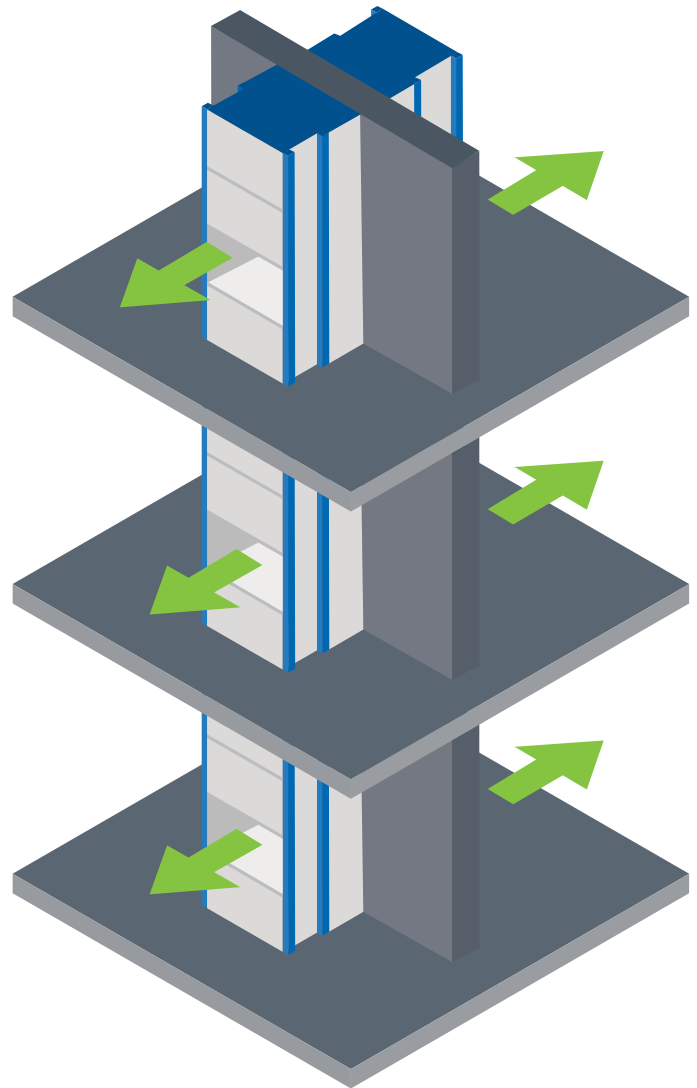
The Shuttle XP has a high capacity in a small footprint. Compared with conventional methods, the system requires a footprint that is up to 80 percent smaller. On an area of only 10 square metres, it provides up to 2000 square meters of storage space.

Benefit: Increased safety security and control

Safety of personnel and operators is always of paramount importance. The Shuttle XP offers maximum protection for users and contents alike by providing a shutter door and light barrier in the access opening.

Benefit: Improving productivity

The design of the Shuttle XP means that it can be built through several floors of a building giving access points at up to six different levels. This means that files and items to be shared across different departments on several floors can be served from the one unit increasing productivity and retrieval times by up to 100 percent.



Benefit: Systems Integration

All of your filing and mixed media requirements are housed in the one system. When managed by Power Pick Office the Shuttle becomes a central depository of all types of media satisfying both the retrieval of hard copy documents and physical media as well as digital files.

Kardex Remstar Mobile Shelving: Space effective storage for all your mixed media and light industrial storage needs



Ideal for storing and retrieving high volumes of items that don't need to be referred to on a regular basis.



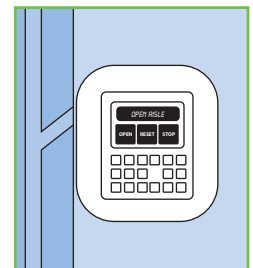
Contrary to popular belief, paper consumption in the office continues to rise at an alarming rate. Running parallel with this, there is a growing requirement to store mixed media as well as industry specific goods and artefacts, creating huge volumes of material to be stored indefinitely, available for retrieval on demand.

Whether you are looking for a storage solution at a sports club, museum, library, hospital or the office, Kardex Remstar has the answer for you. Kardex Remstar mobile shelving is suitable for many situations, with three operating methods to choose from. Each option has its own niche in the market and the choice of which is correct is determined by customer requirements and future usage.

Given that some of the best trained and knowledgeable people in the industry – with over 40 years' experience – will be working with you to design a solution, you can rest assured that the recommended storage system will meet your every demand.

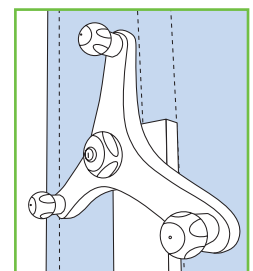
Electrical Driven

Ideal for higher capacity and larger installations. Electrically driven models can be controlled by Power Pick Office track-and-trace software, which requires all transactions to be logged by user, date and time, with reports generated for management analysis. Operated at the touch of a button, the electrically driven mobile shelving provides fast and effortless access to all goods stored with minimal physical activity.



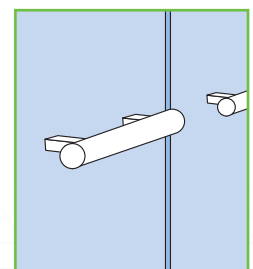
Gear Wheel Driven

Mechanically operated gear wheel driven models provide economical high-density storage wherever you need it. Carriages are effortlessly moved with a choice of three gear wheel handles, while security is provided by gear wheel locks – and in floor safety systems provide operator protection for when aisles are in active use.



Manual Operation

Simplest of all three options, the manually operated system is particularly useful for delivering space effective storage solutions for smaller and more lightweight applications. Converting previously wasted space into a productive storage area, manually operated systems are simply set in motion by users pushing and pulling the carriages into their required position, with shelves gliding along on tracks.



A range of applications: Perfect for all your office filing needs



Mobile shelving is a particularly effective solution for storing and retrieving archives and information libraries both in the private and public sectors.



Filing and archive

Archive filing is a perfect application for mobile shelving technology. Options for the office filing systems extend to lateral, hanging and lever arch files as well as binders, CD/DVD and stationery. With drawers, lockable doors and pull-out reference shelves, a wide range of filing accessories are available to suit all office needs.

A range of applications: To inspire and transform wasted space into productive storage



The large and unusual

From the large to the very small, barrels to bulbs, mobile storage is ideal for coping with high volumes of varying product sizes and weights. Designed for applications where easy access is required and retrieval rates are low.

Lockers

A range of lockers for mobile shelving is available to suit many applications in offices, educational institutions, manufacturing sites, retail outlets and sports clubs. These include lockable metal, wire mesh and clear front wooden and compartmental lockers.

Mobile shelving is a particularly effective solution for storing and retrieving special applications sensitive to movement as well as archives.



Pharmaceuticals

Whether you are storing large bottles of liquids or smaller pre-packaged medicines, Kardex Remstar has a solution that is tailor-made for your pharmaceutical application. All are designed to make maximum use of the space available and ensure minimal effort for the location and retrieval of the required item.

Guns and armaments

The weapons rack is designed to ensure quick easy and secure storage of a range of guns and armaments, from rifles and hand arms to optics and kit bags. Cleverly designed to provide flexibility of storage, only minimal alterations are needed to accommodate a shift in emphasis when the mix of requirements changes or new weapons become available.

A range of applications: To suit all industries regardless of weight, size or complexity



Art and museum

The Kardex Remstar range of specialist museum and art mobile storage has the protection and safe keeping of sensitive and valuable collectables at its heart. Low vibration levels on the electrically driven versions minimise chances of damage to items while maximising the storage density and allowing access for retrieval, inspection and maintenance of the artefacts.

Military

Ensuring that our troops are battle-ready and their equipment is stored in optimum conditions for impending deployment is not a responsibility taken lightly. All Kardex Remstar mobile shelving solutions give maximum protection to articles stored, ensuring that no equipment failures are caused as a result of the time spent in safe housing and storage.

Mobile shelving is ideal where the sheer volume and capacity of items to be stored dictates that they must be housed in the most space effective way.



Sport and leisure

Whether housing golf bags at the club-house or keeping more specialist sports equipment, space is always at a premium. Making improvements in efficiency allows for more leisure facilities for club members and, of course, the additional revenues these can bring. Specialist accessories and fitments are available to ensure that whatever the application or storage problem, Kardex Remstar has a solution.

Retail

Floor space on the high street is more expensive than most city centre offices facilities so investigating all opportunities for saving space is of paramount importance. In both behind-the-scenes backroom storage or customer-facing storage, the objectives are the same: fast, reliable and efficient use of time and space. Whether housing shoes, CD/DVDs, books or clothing, Kardex Remstar has a shelving configuration to suit your exact needs.

Kardex Remstar Times Two rotary storage unit:

Offering more storage space, more working space and more storage options



Redefine your storage capacity: simply multiply by two...

Wouldn't it be great to instantly double your storage space? Times Two rotary storage units from Kardex Remstar can do just that, setting a new benchmark for innovative ways of storing mixed media in today's office and related environments.



Times Two is a double-sided rotating cabinet that not only saves space and time but can also be used for a wide range of storage applications where space is at a premium. An inner cube revolves within an outer shell enabling users to access both the front and back of the unit while only having the one fixed access area.

More space

Compared to standard storage systems and cabinets, Times Two can save up to 50 percent of your valuable floor space, making more space for additional work stations and meeting rooms. Available in a range of seven different heights, Times Two has the flexibility to fit under windows, alongside desks or as a storage wall doubling capacity or halving floor space.

More options

When you are running out of space Times Two allows you to explore more options. The double-sided rotary design helps you to think "outside the box". Making better and more effective use of space allows you to put off bigger decisions to use off-site storage facilities or renting additional accommodation.

More solutions from Kardex Remstar: Double your storage options with Times Two



More options

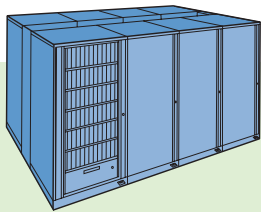
Designed to keep pace with your business growth, Times Two can expand with your storage needs; add-on units can be attached at any time to suit your changing requirements. Inside, our range of accessories meets the ever growing and changing demand for new applications. Whether you are storing office files and folders, CD/DVDs, wardrobes and hanging garments, pharmaceuticals or vials and samples, Times Two has a fitment to ensure that your space is optimised.

More colours and designs

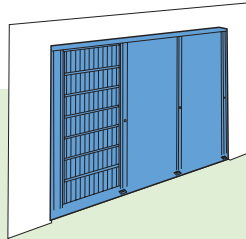
The preferred option for many architects and designers, Times Two comes in 29 standard colours with an unlimited choice in specials to help create the look and feel you want in your office, or to blend into the design you already have. Times Two can be wood clad in a choice of 10 stains and four species of real wood or have a choice of magnetic laminated overlays, enabling you to change the office design on a regular basis, simply and cost effectively.

Not just about saving a massive 50 percent of floor space,
Times Two offers more opportunities to customise your storage.

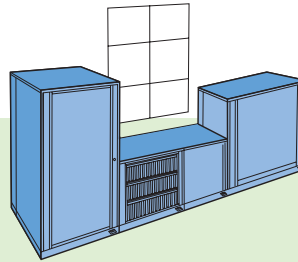
Limitless layout options



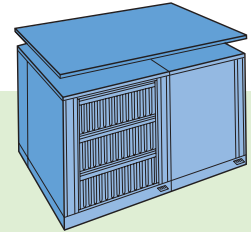
Back to Back



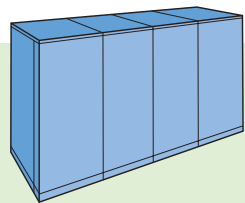
Alcove



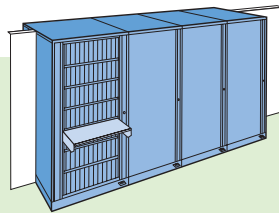
Interconnect



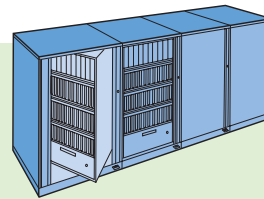
Work Top



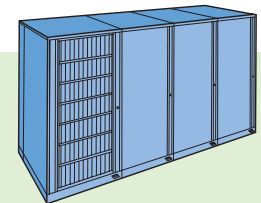
Closed Back



Through Wall or Panel

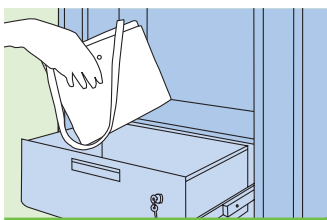


Room Divider

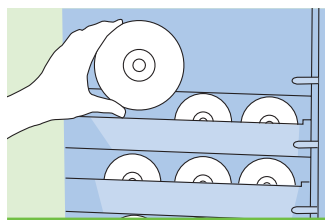


Next To Wall

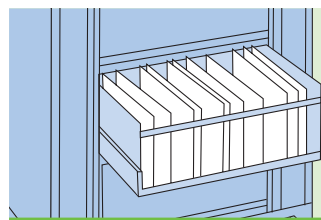
Full range of accessories



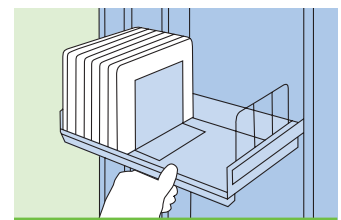
Security Drawers



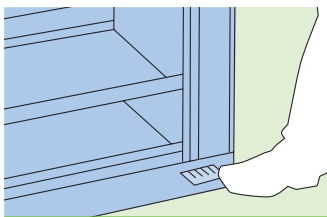
DVD/CD Drawers



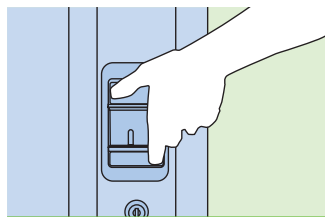
Hanging Folder Frames



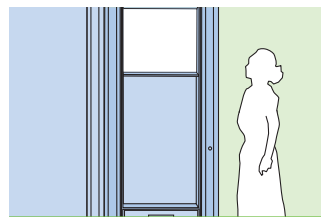
Rollout Drawers



Foot Pedal Release



Hand Release



Pass Through Panels



Wardrobe Kits

Kardex Remstar Safe File[®]: The safest way to store your records and business data



Specially designed to blend into your office environment, Kardex Remstar Citadel safe cabinets and safe files offer point of use protection, not just from fire but also burglars, vandalism and floods. The Kardex Remstar range of fire protection safes will provide you with a fully comprehensive choice, in order to meet the demanding needs and requirements of storing media safely and securely, whatever your requirements.

With Citadel Safe Cabinets and Safe Files, even if fire devastated your building tomorrow, your company's essential media would survive.

No business is immune to natural or man-made disasters such as fires, floods, hurricanes, explosions, power outages and bombings.

- The Fire Brigade is called out to a fire every 80 seconds.
- Commercial fires cost industry £602 million per year, but if the hidden costs, including lost production, lost orders and business interruptions are added, the total figure is much more.
- It's a fact that many companies cease trading after a fire not because of damage to factories or stock, but due to mission critical documents being lost.

The statistics are alarming: one out of two businesses never returns to the marketplace following a major disaster. Of those that do, half go bankrupt within three years.

Those companies that survive plan their response to a disaster before it strikes. They protect their essential media, realising that without it, they could find it difficult to continue running their business. They are also spared the ordeal of trying to prove the extent of their losses for a full and speedy insurance settlement.

Having accepted that the risk is very real then the question needs to be asked: what is the most appropriate safe for my application? Kardex Remstar offers a wide range of fire safes to protect both paper and magnetic media.

Don't risk your business to fire or other natural or man-made disasters! A vital component of the Kardex Remstar office products portfolio is its range of fire safes for both paper and magnetic media.



Lateral Safe File - paper protection

- Designed to complement the systems furniture market, the slim-line space saving Lateral Safe File is available in 2, 3 or 4 drawers
- Two hour fire protection for documents
- Certified NT Fire 017-120 Paper by SP
- Suitable for lateral and vertical storage of A4 hanging files

Vertical Safe File - paper protection

- Designed for point of use protection alongside desks or in a central bank to complement standard file cabinets, the vertical safe file is available in 2, 3 or 4 drawers
- One and two hour fire protection for documents
- Certified NT Fire 017-60 and 120 Paper by SP
- Suitable for A4 or Folio hanging files
- Available with additional key lock or combination lock



Kardex Remstar Citadel[®] Document Safe Cabinet: Paper protection



Designed for high capacity secure storage applications and available in a choice of 4 different sizes.

The temperature at which key papers such as deeds files, ledgers, binders, contracts and certificates are destroyed is 170 degrees C.

Business critical and key documents need to be kept in Citadel fire safe cabinets to ensure that the damage which can be inflicted on any organisation as a result of a major fire is minimised. In most instances any insurance company will ask for proof of loss when making a claim. The ability to

recover key documents is fundamental to the successful pursuit of a claim.

Having the right level of fire certification is also of major importance and Citadel Document Safe Cabinets all qualify for the following:

- One and two hour protection for documents
- Certified NT Fire 017-60 and 120 Paper by SP

- Suitable for hanging and standing files as well as binders and other key business documents
- Capacities 185 to 830 litres
- Available with key or electronic lock.



Kardex Remstar Citadel® Data Safe Cabinet: Data protection



Designed for high capacity secure point of use storage either alongside desks or in a central location and available in a choice of 5 different sizes.

The temperature at which such products as CD/DVD, Tapes and floppies, Memory Sticks, and computer hardware become unusable is no higher than 50 degrees C. In addition to temperature, humidity above 85 per cent RH can render the media unreadable.

The difference in the temperature between the destruction points of

paper and digital media is frequently misunderstood. Many believing that "a safe is a safe"!

Business continuity plans frequently include fully resourced and equipped back up offices in the case of a major fire or terrorist attack. Often for small and medium sized companies a full audit of the business critical data to be housed in fire protection safes is overlooked.

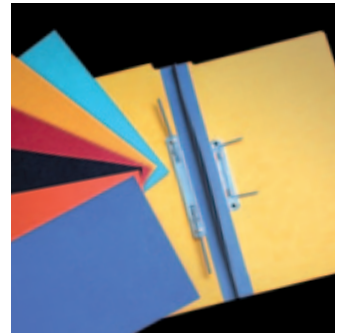
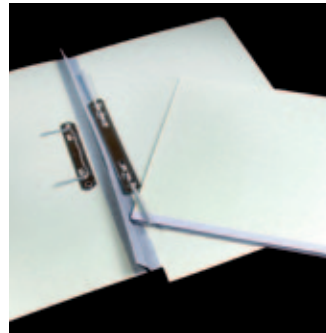
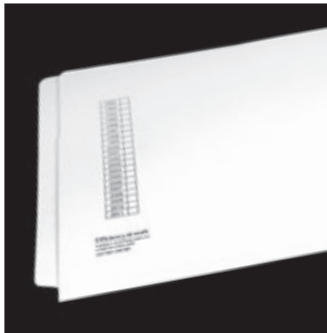
Key data must be kept in suitably certified Citadel Data Safe Document Cabinet for the ultimate peace of mind.

Our range is certified as follows:

- Two hour protection for data and digital media such as Cassettes, CD and DVD's
- Certified S 120 DIS by ECB-S
- Storage space for over 2500 CD's
- Capacities 115 to 575 litres
- Available with key or electronic lock business.



Kardex Remstar range of filing supplies: Smart filing options designed to improve productivity, save space and streamline your records management processes

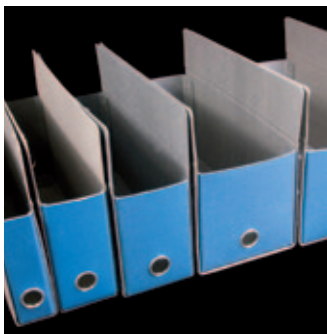


Folders

Colourdex A4 and Foolscap manilla end tab folders are perfect for lateral shelf filing. Ideal for clear indexing and colour coding for alpha, numeric systems and bar-code systems, folders can also be marked up for specific retention schedules ensuring lifecycle management guidelines are adhered to. Available in a range of 10 colours, they come with or without file fasteners to secure papers.

Press-board folders

Hard-wearing folders with canvas gussets provide long life solutions for those applications where there is a high degree of inter-departmental file movement and activity. Folders are available in a range of five standard colours and come with or without file fasteners to secure papers.



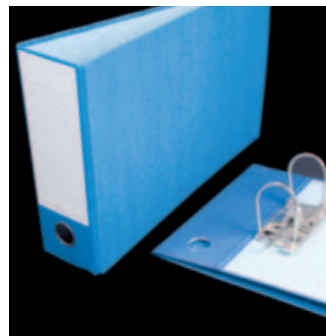
Document boxes and box files

A range of rigid boxes for all applications, from Lloyd George envelopes in the doctor's surgery to legal data boxes in the courtrooms, are available as standard. The Classic Blue Box File in sizes from 2" to 8" remains a firm favourite when needing to keep numerous key documents together in an easily portable format, which can then be simply returned to the central filing system when the transactions are completed.

Labels

Colour coding is proven to speed up file productivity by as much as 40 percent. The human eye recognises colour before alpha and numeric sequences, and by integrating colour coding to filing solutions Kardex Remstar adds value to all activities. Coloured labels are available in alphabetical, numeric and plain colour blocks according to customer requirements.

Combine the right storage hardware with the most appropriate filing software to produce the ultimate solution for your company. With years of experience in designing complete solutions, let our team take the strain while you relax and run the business.



Expanding wallets

High quality expanding canvas gusset wallet folders, with up to 3.5" capacity, provide durable solutions for large files. The reinforced end tab provides a wealth of opportunities for alpha and numeric colour coding as well as bar-code. Folders are available in a range of six standard colours.

Lever arch and ring binders

Using landscape as opposed to portrait lever arch binders gives an additional 60 percent storage capacity. The cleverly designed landscape lever arch binder is available with the mechanism on either the short or long edge. Landscape lever arch binders are available in three standard colours.



File fasteners and filing guides

Many applications work perfectly well with loose papers, but when files are being passed around the office and between departments then being able to secure the internal papers with a self adhesive file fastener makes for good practice. A simple "out" guide can save hours of searching for misplaced files and encourages good housekeeping.

Document Task Force

Transforming from the old to a new filing systems can be a time-consuming exercise. Kardex Remstar has a range of services to lighten the load for you. Fully trained staff will help with the preparation of all new folders, applying new labels as well as supervising the physical transfer of folders to new equipment and the safe and secure destruction of all old documents.

Kardex Remstar Power Pick® Office: Innovative software – bringing together digital and physical technologies



Power Pick Office software works with your processes and Kardex Remstar hardware solutions to provide higher levels of security and control for all of your essential documents.

For over 20 years Kardex Remstar has been developing and implementing software solutions to help customers reach the goal of systems integration, where both the physical and digital world can work together in perfect harmony.

Paper growth statistics and our continued reliance on proof of evidence within the existing regulatory and legal systems means that “the paperless office of tomorrow” heralded so many years ago is unlikely to come to reality for several generations.

Information overload means that cutting through irrelevant data to get to the hard facts is taking the average worker 25 percent of his time. This has

the knock on effect that wrong data is often processed and it takes us all longer to do our jobs as a result of having too much information

Here are some little known facts about today's office:

- The average document is copied 9 times
- It takes 18 on average minutes to find a document
- 7.5 percent of all documents are lost
- 3 percent of all documents are misfiled
- Information volume is growing by 50 percent annually

Kardex Remstar can help you to control some of this overload by having improved processes in place.

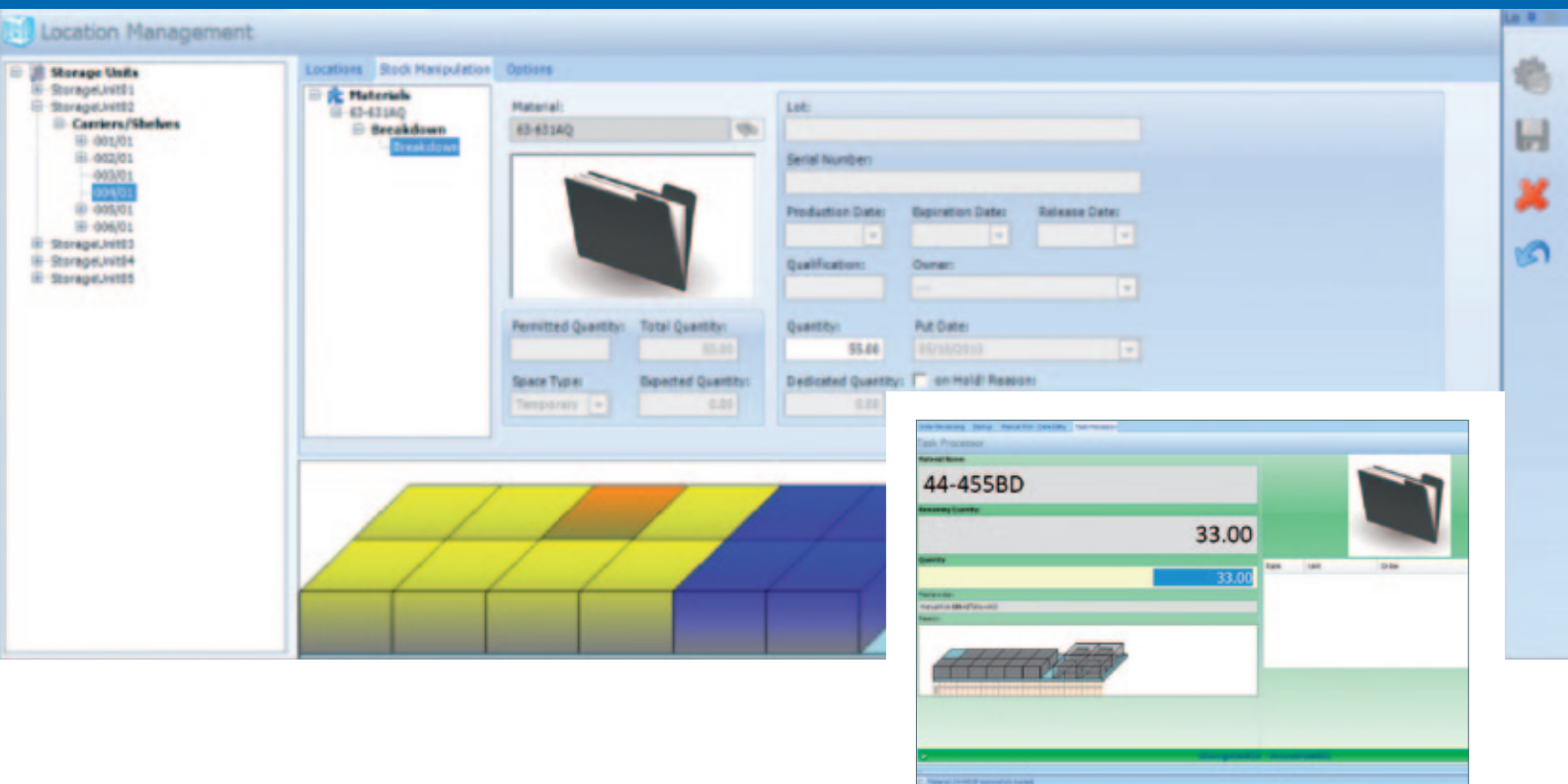
At Kardex Remstar we work in a multitude of industries where our core hardware products Lektriever, Mobile Shelving and Times Two show significant improvements and savings in space, time and security. Only when these are linked to Power Pick Office do all elements of the business improvement process come together into one integrated solution.

Security and Control

User management, login password, access rights for each operator by machine number or shelf number give full control over the security and integrity of all contents. This is of key importance all industries but

Functional, user-friendly and much more – so many reasons for having Power Pick Office.

Functional principle of Power Pick Global



particularly so for those working within a highly regulated environment. Providing access only to authorised users for certain files according to their user profile is the start of an improved process. Once files are removed from the system then transaction logs and reports can analyse usage by user, time and date, flagging overdue files and then having the ability to forward reserve files once returned.

Accuracy

File accuracy can be increased by the use of bar-code and pick by light systems which guide the user to the correct section of the shelf where the requested file is located. In addition

the introduction of a colour coded filing and index system will help to pinpoint the correct folder. Colour coding alone can speed up folder recognition by 40 percent when compared to non-coloured systems.

Space optimisation

By integrating Power Pick Office with hardware solutions we allow organisations to save up to 75 percent of the valuable floor space previously committed.

Key features at a glance

- User management, login and dedicated access
- List of overdue documents and items
- Transaction logs based on user, activity type and date
- User friendly and easy to understand screens and layout
- Minimal user training and support required

- շնորհիվ օգտագործողները կարող են արագորեն գտնել և փոխանակել փայտեղանակները և փայտեղանակները
- Այսպիսով դառնում է հեշտառիտ և արագորեն գտնել և փոխանակել փայտեղանակները և փայտեղանակները
- Մեծ քանակությամբ փայտեղանակները կարող են փոխանակվել և փայտեղանակները կարող են փոխանակվել
- Բացահայտվում է փայտեղանակների օգտագործումը և փայտեղանակների օգտագործումը

The Kardex Remstar service principle: 3 levels for your success – and more efficiency, sustainability, safety



Kardex Remstar is always there for you – no matter where, how or when you need us. On request around the clock. To achieve this, we have devised three practical service packages for you:

ESSENTIAL

The ESSENTIAL service sets the foundation stone for a long-term and efficient operation of your dynamic storage systems. This not only covers the legal minimum requirements – our service goes way beyond that: qualified service technicians integrate Kardex Remstar expertise to protect and retain the value of your machines.

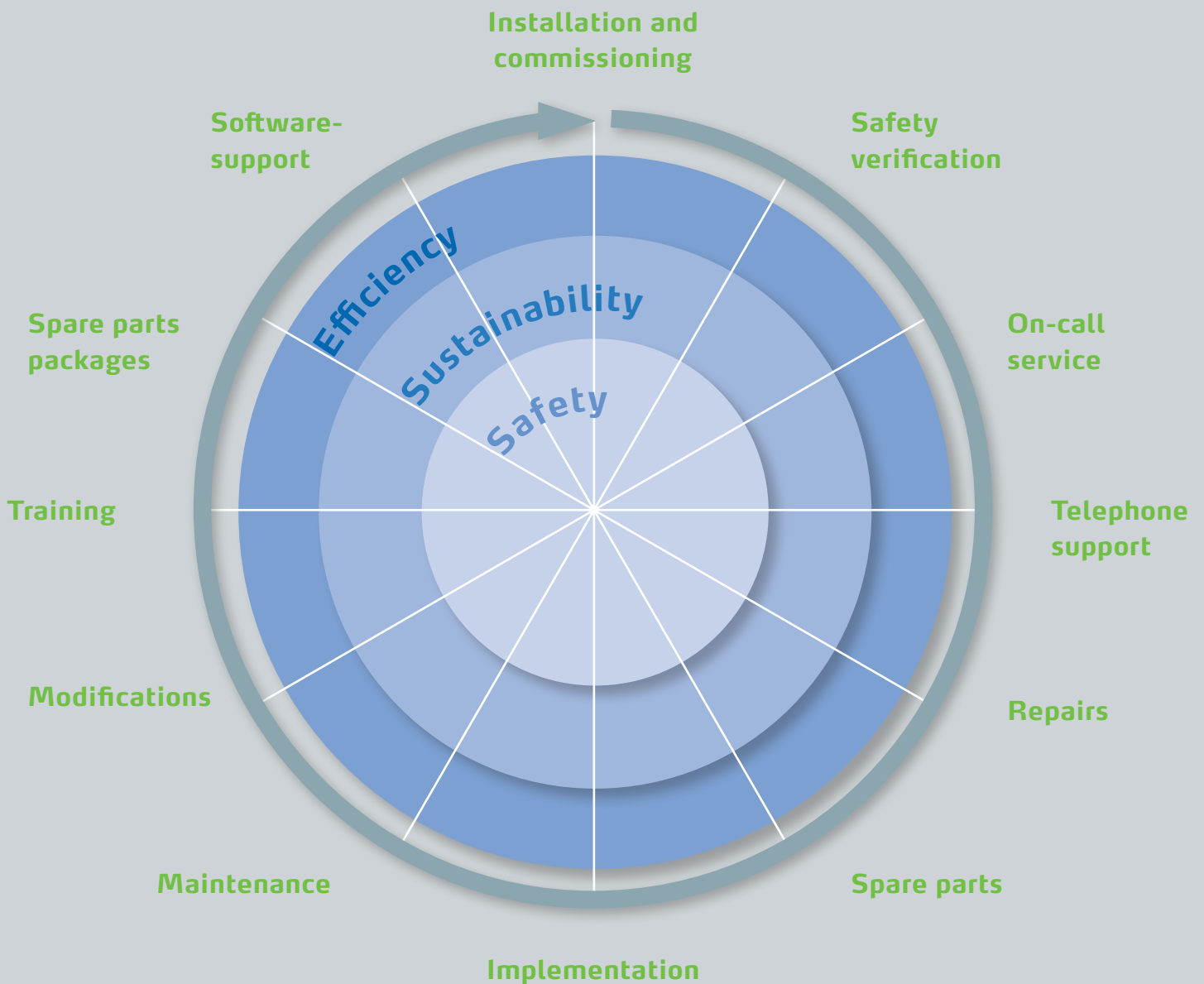
PLUS

The PLUS Service secures the sustainability and economic efficiency of your dynamic storage systems. In addition to maintenance, priority-based telephone support with 365/24/7 availability and an efficient spare parts management system are the supporting pillars of the PLUS Service.

EXTRA

If you require a little bit more, the EXTRA Service package is just right for you. Active maintenance management, implementation, modifications, training courses and regular software support make our services into a complete all-round package for you.

Active management over the complete life cycle of Kardex Remstar solutions.



Further information:
www.kardex-remstar.com

Do you want more service?

No problem:

Our service management will develop an individual concept together with you.

Give us a challenge!

Kardex Group: Your reliable partner for automated storage and retrieval systems



kardexgroup

The Kardex Group is one of the world's leading manufacturers of automated warehouse and office logistics systems.



Our organisation is specialised in the development of innovative products, services and customer consultancy. In close co-operation with you, we work towards strengthening your competitive position significantly by exceeding your expectations and requirements.

Through the successful implementation of our business aims, we offer our employees a portal full of opportunity and prospects for challenging and lively careers.



kardexremstar

Kardex Remstar is one of the world's leading manufacturers of automated storage and retrieval systems. Since 1973, we have installed over 140,000 systems successfully in the "Office", "Warehouse" and "Commerce" segments.

Each of our products has been developed with the aim of increasing your productivity and improving the efficiency of your work processes. Our tailor-made solutions allow you to make the best use of your warehouse space.

kardexmlog

Mlog Logistics GmbH, with its head office in Neuenstadt am Kocher, is one of the leading providers of automated storage and material flow systems. Since May 2010, it has been part of the Kardex Group and has over 40 years of experience in the planning, implementation and maintenance of fully automated logistics solutions. Whether modernisation in service is required or the installation of new turnkey installations, Kardex Mlog has the best logistics concept for your high bay warehouse.

Thanks to innovative and proven products and complete logistics concepts based on experience gained from more than 800 successfully implemented projects, Kardex Mlog can respond to your requirements quickly and flexibly.

Kardex Remstar: Always close to you – Worldwide



Australia
Austria
Belgium
China
Cyprus
Czech Republic
Denmark

Finland
France
Germany
Great Britain
Hungary
India
Ireland

Italy
Netherlands
Norway
Poland
Russia
Singapore
Slovakia

Spain
Sweden
Switzerland
Turkey
USA



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Further information:
www.kardex-remstar.com