

MODERN
HOSPITAL
LOGISTICS



AUTOMATED
MATERIAL
TRANSPORT
IN HOSPITALS

The World's Leading

Medical Logistics Partner



Partner

Hospitals

University clinics

Out-patient clinics

Forensic medicine

Hospital pharmacy

Blood banks

Sterilization

Central warehouse

Intensive care

Emergency admissions

Archive

Reception

Wards

Production of infusions

X-Ray departments

Telelift — Your partner for optimal logistical solutions in hospitals

Our powerful and energy-efficient transport system, UniCar, is the all-rounder for a wide variety of transport assignments which crop up every day in hospitals. Its sealable containers allow loads of up to 10 kg. Equipped with high-tech security applications, it allows the safe, seamlessly monitorable transport of high-quality or sensitive medical products and also meets the highest hygiene requirements.

Telelift is the leading manufacturer of rail-guided conveyor systems for moving small goods of up to 10 kg within an operation. We offer material flow solutions as a total solution for hospitals - from the design and planning to installation and commissioning.

Telelift transport systems are very durable products with low wear and tear, which we maintain at the cutting-edge of technology through a lifetime partnership and which we can adapt to meet new logistical requirements as needed.

Optimizing logistical processes – reducing costs and increasing quality

The growing pressure on costs in the health system (health reforms, VAT increases, staff costs and lack of specialists) means that hospitals and other health institutions must find new ways today to ensure that they will be able to work economically tomorrow. However, the improved design of various logistical processes is frequently overlooked as having the potential for savings. The optimization, integration and standardization of logistical chains scattered throughout the establishments reduce costs and help to make considerably better use of existing resources.

Experience shows that the optimization of logistical processes leads to major improvements in quality. The UniCar system performs all transportation tasks up to a load of 10 kg. Staff are freed from carrying out messenger assignments and can devote themselves 100% to their patients.

Telelift systems operate reliably, quietly and safely. There are no waiting times. Process costs become transparent and possible losses from high-security shipments are minimized. A Telelift system can be specifically integrated into already existing logistical processes and in this way it can combine a wide variety of requirements in the everyday life of the hospital.

With extensive use, the system can pay for itself after a few years. Our core area of expertise: the improvement of processes and quality in hospital logistics.

TELELIFT TRANSPORT SYSTEMS: EXCELLENT PERFORMANCE IN THE SUPPORT OF LOGISTICAL PROCESSES.

- > Logistics for drugs and medical products
- > Logistics for intravenous drugs
- > Logistics for blood samples and lab samples
- > Shipment of documents
- > Transportation of sterile products and surgical instruments
- > Recurring shipment assignments
- > Safe transport of morphine and other powerful drugs



Trust in Telelift

- > Market leader with more than 50 years' experience and 500 installed systems in hospitals
- > One-stop shop – from design to the commissioning of the conveyor system
- > Satisfied customers for decades through first-class support
- > Worldwide service network
- > Represented all around the world

The UniCar container – ultramodern technology for perfect transport



Antimicrobial design

The Televift system is already designed for use in sterile or hygienically demanding environments. In particular, the surface treatment of UniCar containers with an antimicrobial DURA®care coating ensures that the hygienic demands of a modern hospital are sustainably met.

Suspended insert

The container has a suspended insert which ensures that liquids are always transported in a horizontal plane, extremely gently and free of vibration.

Container ID

Every container is fitted with a permanent identification number both on the chassis and on the container. This allows 100% monitoring of where any container with its important cargo is located. Together with a personal PIN number code during loading and unloading, this creates extra transport security for sensitive or particularly valuable medical products.

Electronic cover lock

The electronic cover lock protects the goods from unauthorized removal while they are being transported.

One-hand operation

The new one-handed operation of the container makes handling even easier for staff and also minimizes the need for storage space.

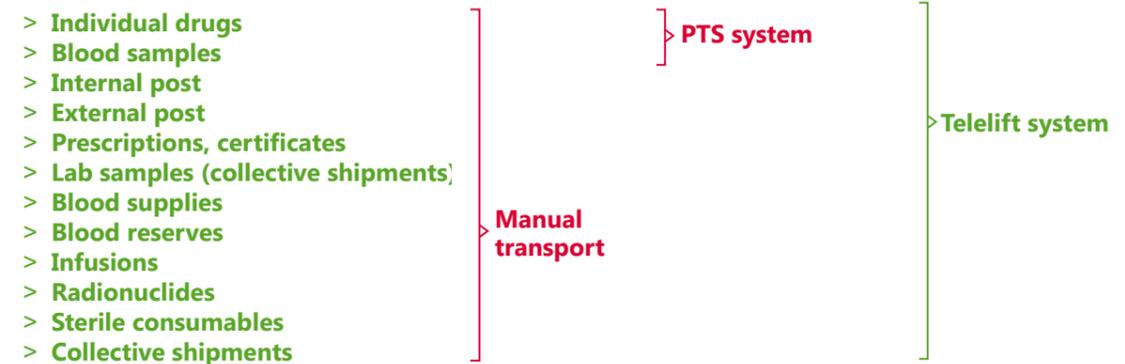
Security technology for injury-free operation

The containers are equipped with bumpers which ensure that containers arrive at the wards without collisions.

✔ What is to be transported?



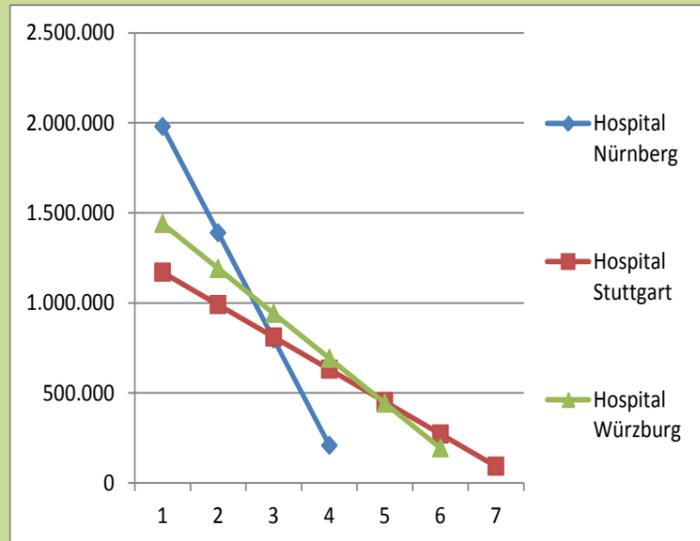
Most supplies in hospitals are light in weight. UniCar containers have a capacity of 33 litres or can carry loads up to 10 kg. In comparison with other conveyor systems used in hospitals, Televift's UniCar proves itself a multi-talent.



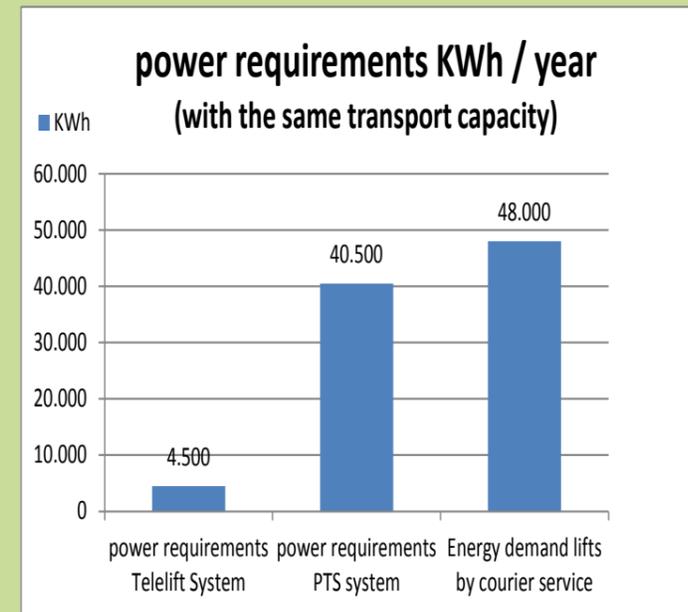
Televift UniCar is the perfect solution for fast, reliable shipments between individual areas of a hospital. The UniCar system is capable of creating an overall, integrated hospital logistics system by connecting to the interfaces of other logistical systems (pharmacy, warehouse, bed wards). The flow of materials to and from important stations that add value (operating area, intensive care, blood bank, lab, pathology) is safe, monitorable and hygienic as a result of our silver ion-coated transport containers. The use of pipe mail systems, on the other hand, is mainly focused on the transportation of individual lab probes, and their low capacity means that they cannot take on many transport assignments that crop up in hospitals. Manual carriage is not reliable enough for many items.



Lowering operating costs with Telelift transport systems



A Telelift system is the optimal support for logistical processes in the hospital. It works reliably and reduces costs. With extensive use, it can pay for itself after a few years.



The energy requirement of a Telelift system is one tenth of that of a pneumatic tube system. Any comparison of methods of transport must also take into account the energy consumption of lifts used by messengers when transporting items.

TELELIFT – AN ENVIRONMENTALLY FRIENDLY AND SUSTAINABLE TRANSPORT SOLUTION

- > very low energy consumption (only those vehicles in use consume energy)
- > long life - average lifetime of 30 years

- > older systems can be modernized
- > long-term availability of spare parts and parts subject to wear and tear
- > no problem waste caused by PVC materials



The general advantages of a Telelift system



- > makes a significant contribution to cost-savings and quality improvements
- > efficient flow of materials
- > meets strict hygiene regulations
- > offers reliable transport for microbiological samples, radioactive and cytotoxic drugs, thus providing a high level of protection for staff
- > safe, easy handling for staff
- > container coding
- > easily adaptable to new logistical operational requirements

- > space-saving and can be flexibly deployed, due to building block system of components; no more need for internal messengers
- > consistent, fast availability of items, generally < 10 minutes
- > no damaged items
- > can be used for scheduled and ad hoc shipments
- > 24h availability
- > fast maintenance, quickly redeployable

For planners and architects

Telelift can be easily planned for hospitals with more than 300 beds You need:

- > a planning order
- > one or two vertical shafts of 1.20 m x 1.20 m in the bed block
- > approx. 2.00 m x 0.60 m of space available for a Telelift system on each floor of the bed block
- > a building height of >3.20 m in the central area of the hospital
- > an area of 2.00 m x 0.60 m for the Telelift stations in the blood bank, patient admissions and in intensive care
- > an area of 2.40 m x 1.20 m for Telelift stations in the operating area, lab and pathology, storage, A&E, infusions and pharmacy
- > a room for the host PC



For the customer

Where do we begin?

- > Have you decided to improve the goods logistics in your hospital?
- > Do you want to reduce secondary costs in your hospital?
- > Would you like to increase transparency and have 100% traceability for your material shipments?
- > Do you want to reduce waiting times?
- > Do you need the greatest possible security in hygienic processes?
- > Do you want to make the operating theatre and bed block areas that add value even more cost-efficient without reducing staff?
- > Do you want to increase the proportion of direct care services?

What are the requirements?

- > Your hospital has over 300 beds
- > You are prepared, if necessary, to move departments and wards in order to optimize transport logistics
- > Your employees support and use the benefits of integrated transport logistics for life-saving items



Components

Transport containers

The Teleguide chassis has its own propulsion and collision control. Like the containers, it is completely equipped with an antimicrobial surface and it is controlled by the latest microprocessor technology. The Teleguide transport container is designed for weights up to 10 kg.



Track network

The rails are fitted with contact bars for control communications and the power supply. Lines consist of horizontal, vertical and curved rails. Due to the small radii, the system is very compact and can be integrated into new as well as existing buildings. A further advantage is the low weight of the system, which allows installation in suspended ceilings. Raised points are used to direct vehicles to the various sections of the conveyor system.



Fire protection

UniCar meets all fire safety standards. Electric fire safety doors divide the network into fire sections and ensure good fire safety.



Control center

The Teleguide system has a specially developed control system. Central access to all active modules with simultaneous visualization means that all the prerequisites for modern logistical processes with the highest demands of quality and reliability are met. This makes maintenance work easier and considerably minimizes operating costs.



We get your goods moving

The high availability of our transport systems and customer satisfaction are always paramount for us. Use our service for regular maintenance, repairs, procuring spare parts or modernization.

Structural planning and building design



Telelift conveyor systems connect workplaces in hospitals, libraries and production plants. Thanks to its flexibility and versatility, installation of the rail-guided UniCar transport system can be planned in almost any environment.

System layout

The modular structure of the conveyor systems allows horizontal and vertical routes but also overhead sections without the load moving. Telelift systems provide reliable solutions to the logistical transport assignments occurring in hospitals. Our systems work inconspicuously with minimal space requirements, and they can be installed in already existing buildings with no problems.



Consultancy, planning, project management

An experienced sales crew, designers and control technicians contribute their entire know-how to the consultancy work.

We plan the best possible routes for your hospital and draw up a tailored electrical plan taking all regulations into account.

Our experienced project managers ensure that the installation process runs smoothly and the system is commissioned on time. They are your first port of call for all issues from order processing to final acceptance of the project.



Supply of spare parts, maintenance and training



During commissioning, we offer our customers training to allow them to conduct in-house maintenance and servicing. If so desired, Telelift service staff will offer maintenance and servicing tailored to the customers' needs. In the event of a malfunction, our service network will ensure short response times. Our helpful spare parts sales team will provide you with spare parts promptly.

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Library

Industry

Security

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