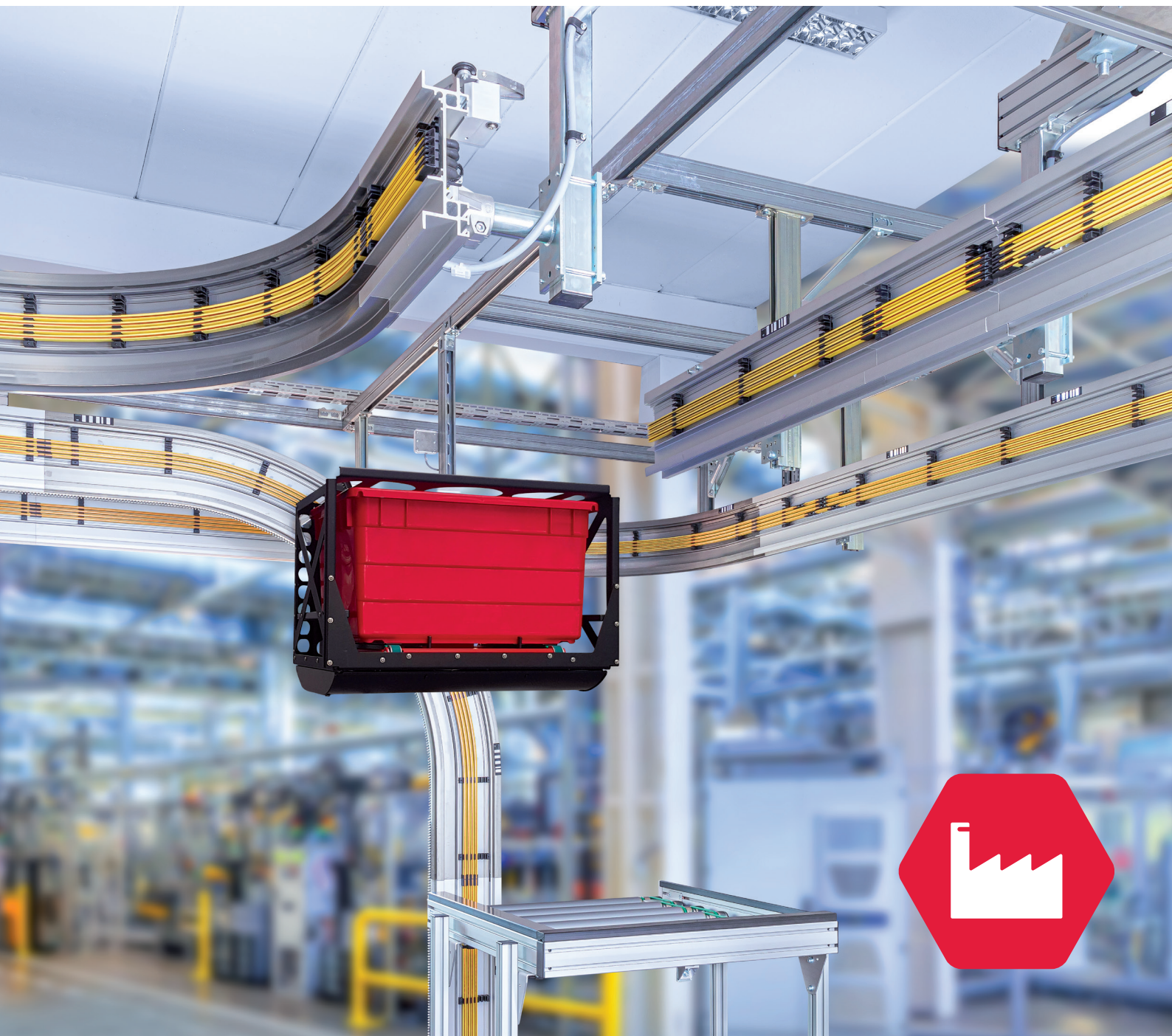
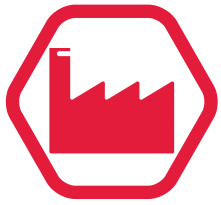


Telelift - Logistics Solutions for industry





Tailor-made solutions



Telelift logistics solutions for industry

Modern production sites and modular manufacturing structures are optimally supported by overhead rail-bound conveying systems from Telelift. The goods are transported to production machines or machine operators without any media disruptions.

The solution is always tailored individually to the customer's requirements.

"All-rounders" for your transportation tasks

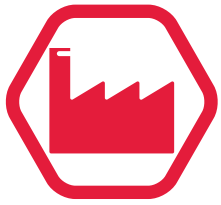
The automated rail-bound conveying systems Telelift MultiCar and Telelift UniCar with a payload of up to 40 kg get your intra logistics going. Customized solutions and efficiency are always paramount.

Different sequencing – no problem for Telelift

Progressive product specializations permanently create new tasks for in-house transport logistics. Components have to be tracked to production lines "just in sequence" in different sequences. This requirement is reliably solved by both Telelift MultiCar and Telelift UniCar. Our modern transport systems can easily be adapted to various transportation tasks and requirements by their modular and flexible structure, thus also on the trackway the sequences can be adapted to the current requirements. Additionally it can be used as intermediate buffer.

The three-dimensional routings of the Telelift MultiCar and the Telelift UniCar relieve the usual transport routes. Delays caused by stationary AGVs or forklift jams are a thing of the past and in-time delivery of production parts is always ensured. This means that there are no time lags in production. At the same time, storage areas can be used as production areas again.





Telelift MultiCar

Many functions with one technology

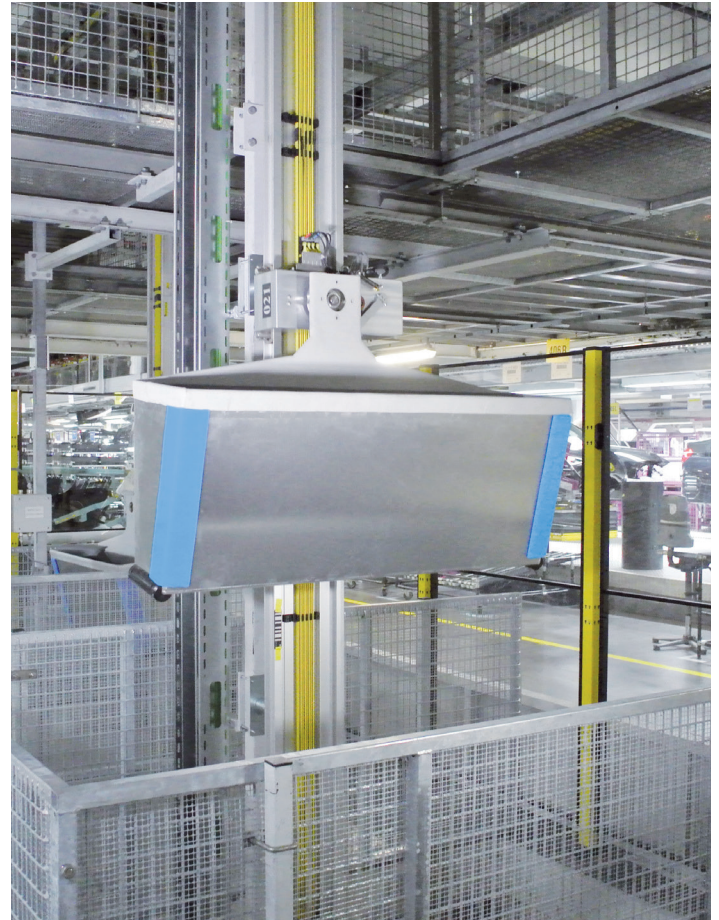
Flexible solutions by customized load handling devices

By using customized load handling devices the Telelift MultiCar enables individual and flexible solutions for almost any goods with a payload of up to 40 kg. So components, complex assemblies, containers with small parts and many other goods can be delivered to the right location. The load handling devices will be adapted to the customer requirements individually.

By means of a modularized system the Telelift MultiCar allows overhead conveying and transports space-savings within a very confined area and in all directions, whether horizontal or vertical. This enables faster access times and fixed cycle times without disruptions.

The flexibility of the MultiCar system allows simple and uncomplicated adaptation to new and existing processes at any time. Individual peripherals such as locks, fire protection gates, cargo ID elements or other customer-specific requirements can be easily integrated.

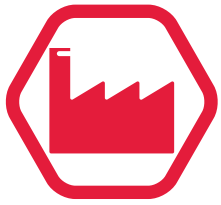
High reliability and responsiveness minimize replacement times and stocks in everyday production.



Your benefit

- Overhead conveying
- No media disruptions
- Horizontal and vertical conveying without interruptions
- Space-saving transport within very confined areas
- Modular and flexible structure
- Different sequences possible
- High process-reliability
- Maximum availability with minimum downtimes





Telelift MultiCar

Few components – one system

MultiCar chassis

The standard chassis can be combined with a wide range of individual load handling devices to cover all customer applications. Controlled brushless drives care for configurable speeds in both directions of travel and exact positioning in the loading and unloading area.

MultiCar track

With the modularized track system almost any conceivable track route can be realized. Straight track elements, curves for horizontal changes of direction and bends for vertical changes of direction make the Telelift MultiCar system highly flexible. In combination with switch modules, material flows can be spread to several places or merged to one point.

MultiCar control

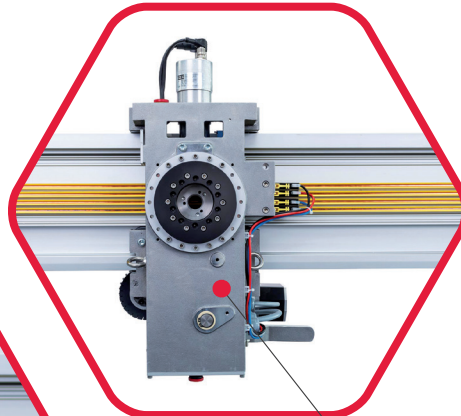
The control of driving commands as well as system supervision and visualization are executed by means of the decentralized SPS-based Telelift TeleControl system. Thereby the controls communicate via a TCP/IP-network and the characteristic communication via a communication rail installed in the track. The system can be analyzed via the central visualization, the individual operating elements or via service laptops. Upon request the TeleControl system can be integrated into the customer's control or supervision periphery (connection to MES or ERP system, head controller).



See the advantages of
Telelift MultiCar in the video



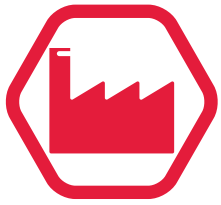
MultiCar track



MultiCar chassis



MultiCar control



Telelift MultiCar

Individual design of load handling devices

Depending on the transport task, the individual design of a customer-specific load handling devices (LHD) is necessary. Depending on the circumstances, the route and the goods to be transported, the LHD can be connected in three different ways:

Rigid connection

The load handling device is firmly attached to the chassis, not allowing any relative movement. When passing through bends, the load handling device is rotating. Rigid load handling devices are especially suitable for purely horizontal or vertical transport.

Features: Maximum payload, transportation in closed boxes.

Gravity-controlled connection

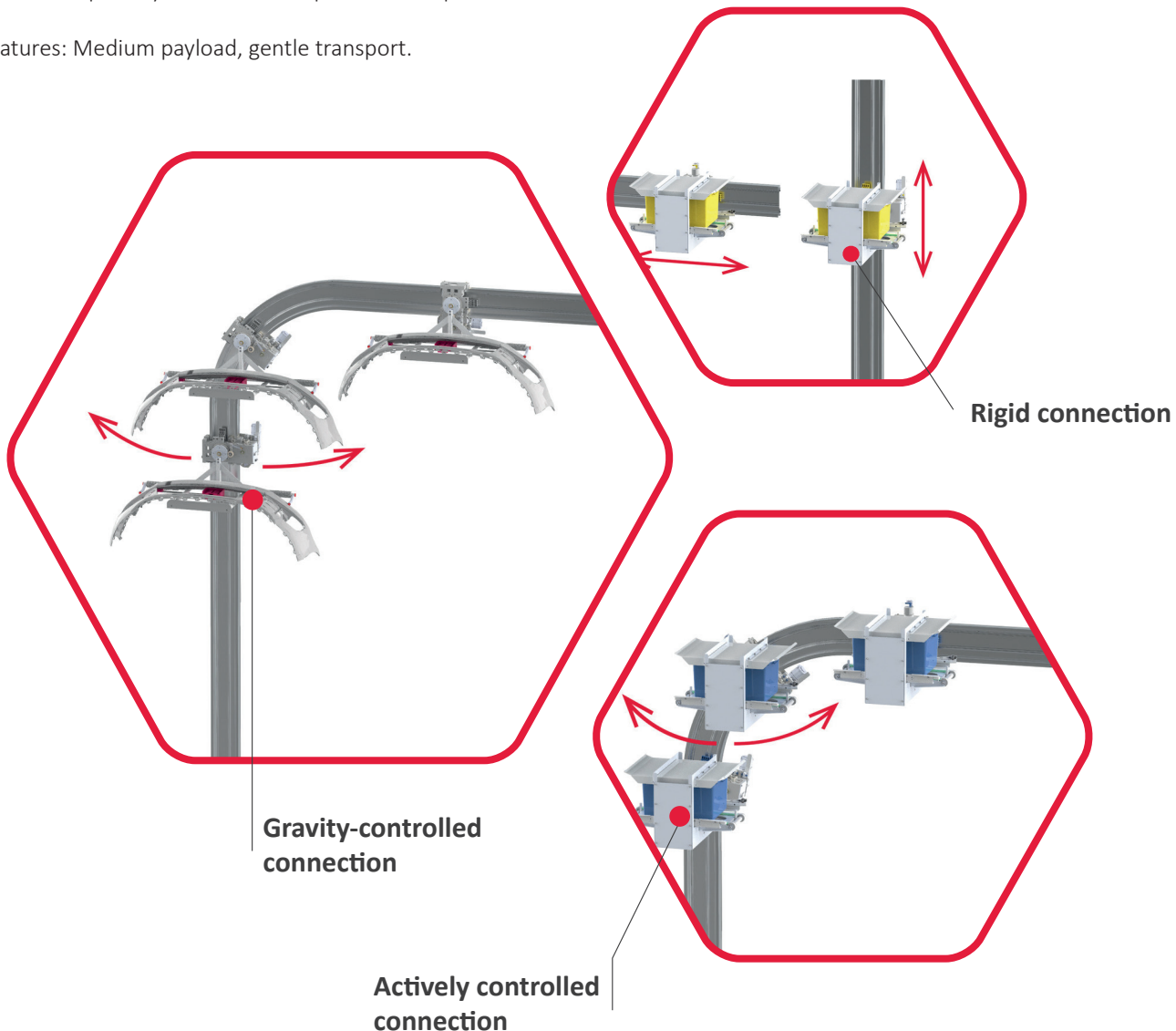
The load handling device is attached to the base chassis by means of a freely rotating bearing flange. Low arrangement of transport good's centre of gravity towards the bearing position results in a specific position control by force of gravity and thus enables gentle transportation. Freely rotating load handling devices are especially suitable for suspended transports.

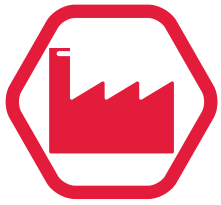
Features: Medium payload, gentle transport.

Actively controlled connection

The load handling device is attached to the chassis by means of a freely rotating flange which on the other hand can be rotated actively by means of a separate drive and a bevel gear. The position is actively regulated and controlled by a bearing control drive. Thus in the basic functionality an angle compensation for bend passages is guaranteed and the load handling device is always kept in horizontal position. Optionally at specific positions the load handling device can also be rotated actively. Compared with connection regulated by force of gravitation more compact envelopes are possible as there is no eccentricity necessary between rotating axis and centre of gravity.

Features: Lower payload, gentle transport, small envelopes, additional function by active LHD-positioning.





Telelift UniCar

Fast and gentle transport for sensitive goods

The Telelift UniCar system is a rail-based transport system with three-dimensional routing and self-propelled transport trolleys. It ensures automated, fast and gentle transport.

The Telelift UniCar is used when smaller, sensitive goods have to be transported. Typical transport tasks are e.g. production parts or the supply of tools or measuring equipment in an industrial manufacturing environment. The B320 transport container is used as standard.

Efficient technology for gentle transport

The spacious transport container holds goods with a volume of 436 x 316 x 205 mm, which corresponds to approx. 28 liters. The payload of the trolley is up to 8 kg.

Thanks to the electronically monitored transport containers, the UniCar B320 is ideally suited for the fast but gentle transport of sensitive industrial goods, whose movement within the company from the point of delivery to the transport destination can be precisely tracked with complete transport documentation.

The TeleControl transport order management system ensures that transport tasks are processed as quickly as possible along the shortest possible route, thus minimizing the turnaround times of the clocked industry.

Like the Telelift MultiCar, the Telelift UniCar fits perfectly into your spatial conditions. The transport takes place three-dimensionally, which means that paths remain free and space can be used more sensibly.



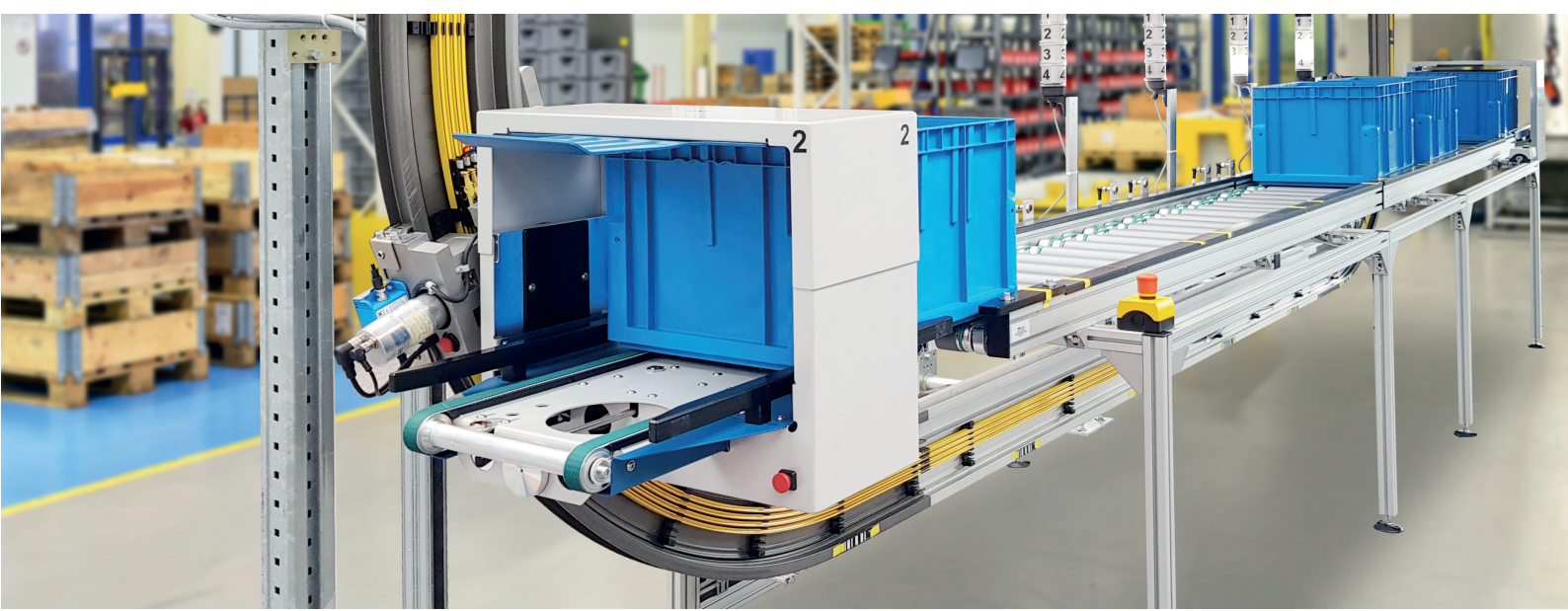
Your benefit

- Gentle transport of sensitive goods
- Overhead conveying
- No media disruptions
- Horizontal and vertical conveying without interruptions
- Space-saving transport within very confined areas
- Modular and flexible structure
- Different sequences possible
- High process-reliability
- Maximum availability with minimum downtimes





Your long term servicepartner



Use our service as a pillar of your success

Regular maintenance works care for reliable functioning of the Telelift system. The Telelift service team checks and maintains the system in fixed time intervals so that availability of the Telelift system is always guaranteed. Combination of various service activities saves time and money. Our comprehensive service catalog includes technical operational support, maintenance and modernization.

In Germany, we have access to a nationwide service network covered by our employees. Also internationally, our customers won't miss on an extensive and high-quality service for their Telelift systems. Telelift has excellent service partners in many countries of the world, who look after the installations on site and support our customers. The advantages for our customers: fast service on site with shorter delivery times for spare parts as well as checks and maintenance of customer installations at interesting conditions.





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telelift

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