

**HIRO
LIFT**



Platform lifts

Wheelchair platform lifts, wheelchair lift platforms and home lifts

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Think about the future today!

You already do so in many areas of your life. Whether it's making plans for your retirement, renovating your property, or educating your children and grandchildren: You want to know where you are going, and plan for the future. However, in many cases this view only extends to life's positive aspects. If you do face new mobility challenges in the future due to age or accident, early planning will always pay off. You could face barriers any time, even very suddenly.

Proactive thinking can be smart and effective. While accessible building is required by law in the public sector, it is also important to think about accessible design in private construction or renovation projects and planning. This can result in significant savings compared to post-construction renovation work. Accessibility has its price, but it also has incomparable benefits. Nothing is more valuable than your private mobility, or that of your customers.

For decades, we at HIRO have stood for mobility and accessibility. As a company which manufactures its products in Germany, we set the highest standards for quality, and offer a solution for every challenge thanks to our broad product range. Over 125 years of experience ensure we can offer not only technical expertise and competent advising, but also an excellent reputation among architects, associations, and other property developers.

Whether you are experiencing an acute need, or want to plan proactively:
We can help you maintain your independence and autonomy. That's what our customers truly want.

Sincerely, Göksel Kör
HIRO LIFT Sales Manager

HIRO LIFT

Quality is a question of experience

HIRO LIFT is a mid-sized, traditional German company. We have been working in many different areas of lift construction for around 125 years. About 50 years ago, we began specializing in platform lifts. There was no market in Germany at the time for this assistance device. Considered a pioneer at the time, today HIRO LIFT is a leader in this industry and Germany's largest manufacturer of stair and inclined lifts.



Lifts for every application

Our product range in the platform lift segment includes both inclined lifts for almost any type of stairs and vertical lifts for moving over different heights. We can build lifts intended for use inside or outside of a building.

When developing our different lift types, we have seen again and again how valuable over one hundred years of experience in classic lift construction can be. This experience has shaped our concept of quality and safety.

Custom lifts for individual needs

Our customers have a diverse range of expectations for their platform lifts. No two living situations are exactly alike. Thanks to our extensive product portfolio, we can react optimally to any requirement. Our experienced technicians can almost always find a quick, affordable solution in even the most difficult cases.



Wherever you want to ensure barrier-free accessibility – HIRO LIFT has the right lift for your structural situation.

Comprehensive lift expertise – under a single roof

We combine all areas of lift expertise under one corporate roof. From design to manufacturing and assembly, to consulting and customer service – we offer everything from a single source. We can guarantee the standard of quality of our systems. All of the products shown in this brochure are manufactured in Germany and can be viewed at our exhibition area in the Bielefeld plant upon request.

Our roughly 400 employees develop, design, and produce the lifts using state-of-the-art technical processes. We have consciously chosen to forego intermediary consultants, and instead maintain our own sales force and our own service employees. These professionals, most of whom have many years of experience, know our products in detail and can consult with designers quickly. Short communication pathways help ensure our customers receive HIRO LIFT quality. It also ensures you as a customer have a competent contact for any questions you may have.

Wheelchair platform lifts



Picture: HIRO 320G

Wheelchair platform lifts

Proven inclined lifts for almost any type of stairs and stair incline

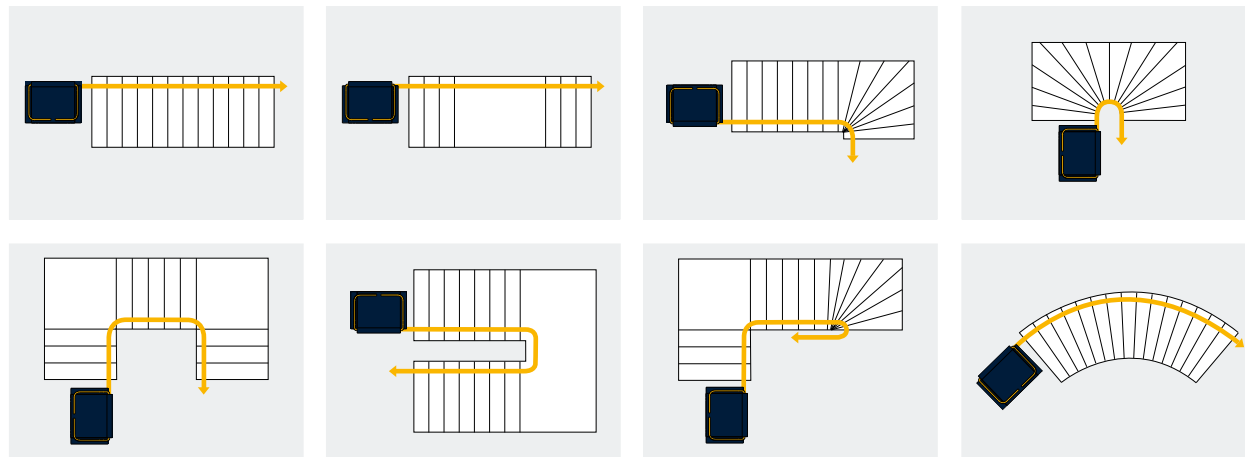
HIRO LIFT manufactures inclined lifts for private and public areas. They can be installed even in very narrow or curved stairways over multiple floors, without significantly impacting accessibility. All models have a well-developed safety concept, and stand out for their quiet running properties. Most models are suitable for both indoor and outdoor use.

Platform inclined lifts in the HIRO 3000 series from HIRO LIFT ensure barrier-free access without significant or expensive renovations. Custom manufactured and installed quickly, they help ensure barrier-free accessibility to buildings.

Our precision starts in your home

Your stairway is not the same as your neighbour's: We use state-of-the-art photogrammetry techniques to precisely and quickly measure your stairs. All data is transmitted exactly to our design and manufacturing department. That way, you can be sure everything will fit precisely.

Our service technicians will arrive at the agreed appointment. They will install your lift professionally and cleanly, then complete a test run to ensure that everything works properly.



Some examples of common stairway situations: In contrast to seated stair lifts, platform inclined lifts are usually installed on straight stairways or on the inside of curved stairways due to their larger dimensions. The lift can also be installed on the outside of the stairway in larger curved stairs.

HIRO 320 G

- » Indoor & outdoor areas
- » Straight & curved stairs
- » Made in Germany
- » Patented traction drive
- » Diagnostic display
- » Obstacle sensors
- » Automatic entrance and exit ramp
- » Non-slip & stable platform
- » Variable platform sizes



Example image of a HIRO 320 G for indoor areas

i The HIRO 320 K is also available as a space-saving variant for indoor areas.

Drive: Traction drive
Track: 2 polished stainless steel tubes
Load carrying capacity: up to 300 kg
special loads upon request
Power supply: 230 Volt outlet

Please scan the QR code for further technical details & information.



Wheelchair platform lifts

Here's how simple it is to operate a HIRO platform lift

Handling a HIRO platform inclined lift is extremely easy in every respect. Everyday operation takes just a few intuitive, easy-to-learn steps. There are no confusing arrays of buttons, making operation very simple. All of the operating elements are designed so that they can be operated easily by persons with reduced coordination capabilities.

The lift is folded in its parked position. To move onto the platform, just press and hold one button: The platform automatically folds down and the gates and access ramp open. You can move onto the platform.

To move the lift, you just need to give the commands for upward or downward travel. Use the operating unit on the removable, freely movable spiral cable to do so.



Press the large button for upward or downward travel: The lift begins to move immediately with gentle acceleration. Press and hold the button until you arrive at the station, and the gates and access ramp will open automatically. You have arrived safely at your destination and can leave the lift.

Speed is continuously regulated during the entire trip. Gentle start-up and gentle stopping are important features in ensuring smooth travel, as well as gentle speed reduction before a curve and gentle acceleration after the curve. The lift will only stop abruptly if you activate the stop command.

Calling the lift or sending it away is just as easy as travelling on it, thanks to an easy to understand remote control. You simply need to press and hold the "Up" or "Down" button: The lift will then move in the desired direction. The remote control, which is included as a series feature, can either be permanently installed or used as a handheld transmitted.

Extensive series equipment, safety and comfort without compromises

Intelligent power supply

Power is supplied to platform lifts via a battery, to ensure you reach your destination even in case of a power outage. If the lift is at a station, the intelligent automatic charger independently detects when the maintenance-free dry battery needs to be recharged. This ensures the lift is always ready for use. You only need a normal outlet to connect the charger.

Diagnostic display

All HIRO platform lifts are equipped with a diagnostic display. This is used to visualise all operating statuses, so that our service technicians can carry out remote diagnostics quickly and easily over the phone. Since any states deviating from normal operation are automatically shown on the display, the customer can easily read them off along with important service numbers, then normally get the lift moving again by calling the service team. This avoids unnecessary travel by maintenance personnel in many cases, and you can immediately continue using your lift with no additional cost.

Key

To prevent unauthorised use, all systems are operated using a key.

Protection against vandalism

The gates and operating elements are behind the platform base when the lift is folded. This makes the lift into a closed package, ensuring the best possible safety against vandalism.

Electric assistance

Electric safety edges or buttons on the frame, the access ramp and platform base ensure the system stops abruptly if it meets an obstacle.

Weather-proof design

Corrosion protection is provided for outdoor systems, depending on the components used, either by sandblasting and then hot dip or spray galvanized, or by using stainless steel (track tubes) or aluminium. The electrical components are protected appropriately against moisture.

Emergency call via voice communication

An intercom system can be installed on the system. If you need assistance while using the lift, you can call any internal or external emergency number.



HIRO 320 in the parked position



Picture: HIRO 320G

HIRO 320

The platform lift for straight and curved stairways

Perfectly adapted to your stairway

The HIRO 320 is suitable for both curved and straight stairways. Thanks to its small dimensions when parked, and the variability of the track, it is particularly well-suited for use in private homes.



Since we want to offer you a solution customised to your situation, we never use prefabricated curved track parts. These cannot be optimally adapted to the ideal line of the track. The track of a HIRO 320, in contrast, is custom manufactured for you, which means it can offer optimal, narrow curve radii regardless of your stair type. This maintains as much usable space as possible on your stairs.

Another advantage of our customised solution will become clear when the system is installed: Our solution avoids subsequent bending, grinding or even welding, which interfere with smooth lift operation and can soil your stairway.

Travel comfort thanks to the patented traction drive:

The patented drive concept used in the traction drive allows us to eliminate racks, chains and cables in all curved systems. Specifically, a curved rack does not allow for mathematically clean, and therefore play-free rolling for the gear. The HIRO 320, which is suitable for curves and offers dual stainless steel track tubes on which polyurethane-coated rollers run, ensures unmatched stability on curves and excellent travel comfort. It is also particularly quiet and clean. An appealing design and variable colour options allow it to be integrated easily into different living environments. A traditional rack and pinion drive is only used in angled platform lifts for straight stairs.



The traction drive principle:

The laws of friction are well-known in the engineering field; without friction, no train or car could travel. Our lifts are subject to the same natural laws. The drive and guide rollers located on the back wall surround the two tubes of the track firmly, thereby moving up and down along them. The platform is always connected to the track in a horizontal position.

Advantages at a glance

- No oils, greases, or lubricants that you, your wheelchair, or your clothing could come into contact with are used anywhere along the track. The round, polished stainless steel tubes always remain clean and clear, even with regular operation.
- The track is made of two polished stainless steel tubes that are not slotted, toothed, or perforated. This prevents injuries, for instance on a rack.
- Smooth-running design: Continuous acceleration and deceleration at stations and along curves ensure a smooth ride. The system creates less vibration than traditional drives. This smooth-running design is an advantage in particular for persons with spinal damage or diseases.
- Excellent stability on curves thanks to the dual stainless steel tubes, regardless of the incline of the lift.
- Your platform lift is very quiet: There are no loud, oil-lubricated chains or gears as in traditional drives.
- The drive has been tested over many years, and is already working reliably in thousands of systems sold.
- Practical: The stainless steel track can also be used similar to a railing or banister.
- The stairway always stays clean: There are no metal chips on your stairs caused by abrasion.

HIRO 350

The platform lift specifically for straight stairs

The affordable solution for straight stairs

The HIRO 350 angled platform lift stands out for its outstanding price-performance ratio. Since it does not need to travel along a curve, but was developed only for travelling along straight stairs, we can use a less expensive rack and pinion drive in this model. The rack on which the lift moves up and down is hidden under an anodised aluminium profile.

Depending on the installation situation, the track is either placed on supports or attached to the wall.

The HIRO 350 can be installed on all straight stairways, both indoors and outdoors. It is frequently used, for instance, for stairs in entryway areas.



HIRO 350 in space-saving parked position



Picture: HIRO 350

Right:
HIRO 350 ready to travel in the upper station



References

References

Our lifts for wheelchair users are installed in buildings around the world, whether for private operators, company headquarters, doctors' practices, schools, and even in ships and world-famous buildings.

- HIRO LIFT home lifts are often recommended by funding agencies.
- Architects and planners have been recommending HIRO LIFT systems for many years, thanks to their excellent quality.
- Many health care supply stores use HIRO LIFT systems for display and consulting purposes, since they offer such impressively high quality.
- HIRO LIFT has had an outstanding reputation among public-sector clients and large customers for decades.
- HIRO LIFT has been manufacturing systems for the public sector for decades. Perfect function and durability is essential in such applications over many years, since the systems are intended to amortise over a long period of time. We deliver the quality these sectors demand.

A selection of our reference projects:

Thalia bookshop, Chemnitz

Buckingham Palace, London (ENG)

Clyde Railway Station, South Gippsland (AUS)

Daimler Chrysler Holding, Portugal

Deutsche Bahn, various locations

Deutsches Museum, Munich

Europa-Park, Rust

Financial Ministry, Mainz

Gloucester Cathedral, Gloucester (ENG)

Helicopter Museum, Bückeburg

Karlsruhe Institute for Technology, Karlsruhe

Art Museum, Düsseldorf

Landeszentralbank, Trier

Le Louvre, Paris (FR)

Madame Tussauds, London (ENG)

Metro, Barcelona (ESP)

Mullingar Station, Dublin (IRL)

Olympic Basketball Arena, Athens (GR)

Onassis Building, Athens (GR)

Radeberger Brewery, Frankfurt

City Hall, Landshut

Royal Castle Oslo, Oslo (NOR)

Hurtigruten Line ship, (NOR)

Gothenburg City Theatre, Gothenburg (SWE)

Sydney Opera House, Sydney (AUS)

Taunusturm, Frankfurt

Subway, Milan (ITA)

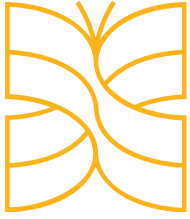
University, Mannheim

University, Marburg

Vapiano, Münster

Forbidden City, Peking (CHN)

VW Autostadt, Wolfsburg



We are here for you!
Free & non-binding, 24/7:
+ 49 800 544 2222 | hiro.de



My God, we're old!

Even at 125, we still feel surprisingly young.

In 1897, some of Bielefeld's residents were still driving coaches past our plant. Since then, we've taken every challenge as an opportunity, developing ourselves consistently over the decades.

The face of the company today is shaped by this same dynamism and flexibility in how we interact with our customers and the market.

We not only stand for unparalleled "Made in Germany" quality, but also offer our customers more thanks to our long history:

A reliable partner, for today – and for tomorrow.

Learn more at: hiro.de/125