

**HIRO
LIFT**



Stair lifts

Direct from Germany's largest manufacturer

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What are you waiting for? It's YOUR home!

No matter whether you have reduced mobility due to an accident, illness, or age-related issues, your home should provide an environment of rest and relaxation where you can live a self-determined life. At HIRO, we are not able to fully restore your mobility. However, we can guarantee you one thing. We can help make your life much easier.

For decades, HIRO LIFT has stood for mobility and accessibility. As a company which manufactures its products in Germany, we set the highest standards for quality, and offer a HIRO solution for every challenge thanks to our broad product range. Our more than 125 years of experience mean we can offer not only technical expertise, but also competent advising and excellent service.

Thanks to our in-house production, we do not rely on international suppliers – which allows us to save on import, freight and storage costs. We also forego large-scale advertising campaigns, and have designed our distribution structure to cut out the middleman.

That means we are able to invest every cent in the product and our service. All of this pays off for you! With a HIRO stair lift, you receive a top-class product at an affordable price.

Get back to focusing on what is most important to you. Your home. Worried about going up and down your stairs? Then leave the stairs to us, Germany's largest stair lift manufacturer.

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 stair 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 platform lifts.



A lift designed down to the last detail

Our product range includes stair lifts and platform lifts for all kinds of stairs, as well as home lifts and classic passenger elevators to move passengers to different heights.* We can build lifts intended for use inside or outside of a building. We offer the right technical solution for any environment.

When developing our different lift types, we have seen again and again how valuable over one hundred years of experience can be. This experience has shaped our concepts of quality and safety, which benefit you as our customer.

*Do you want to know EVERYTHING about accessibility with HIRO? You are welcome to read more about home lifts, elevators or platform lifts in our separate catalogue at www.hiro.de/kontakt.

Comprehensive 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.



Your stair lift.

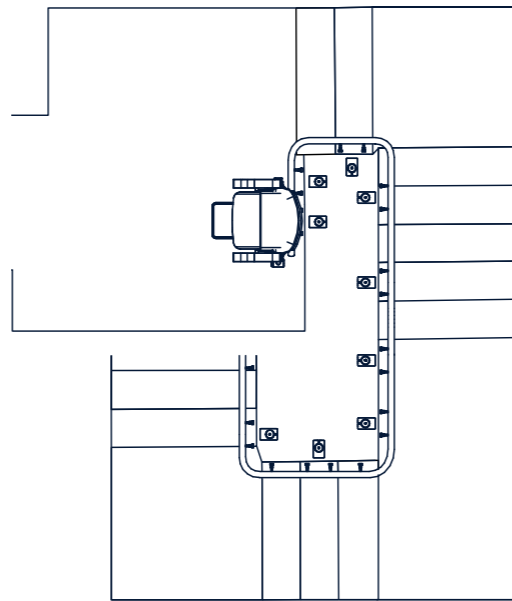
Direct from Germany's largest manufacturer

Tailored to your individual needs

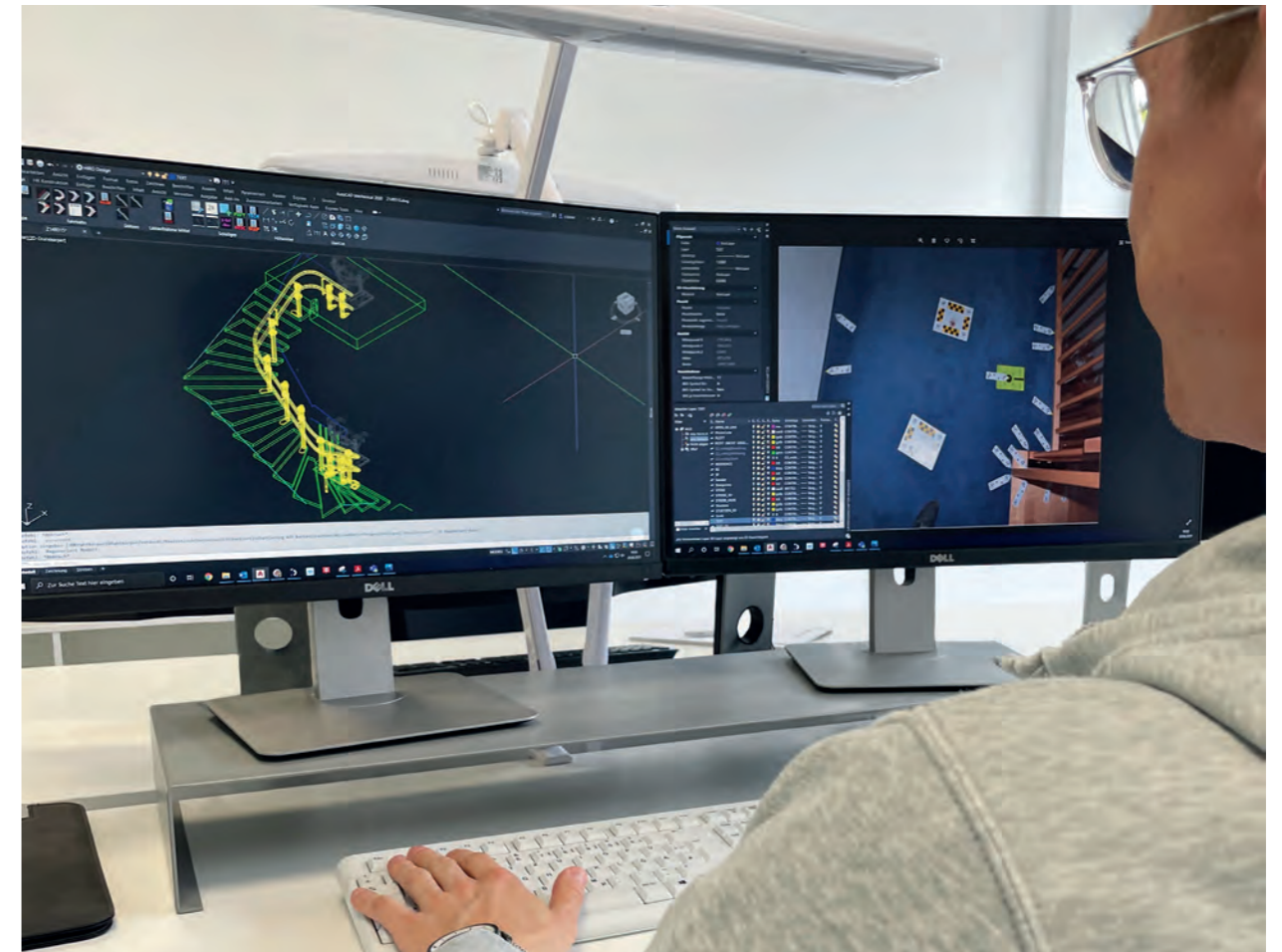
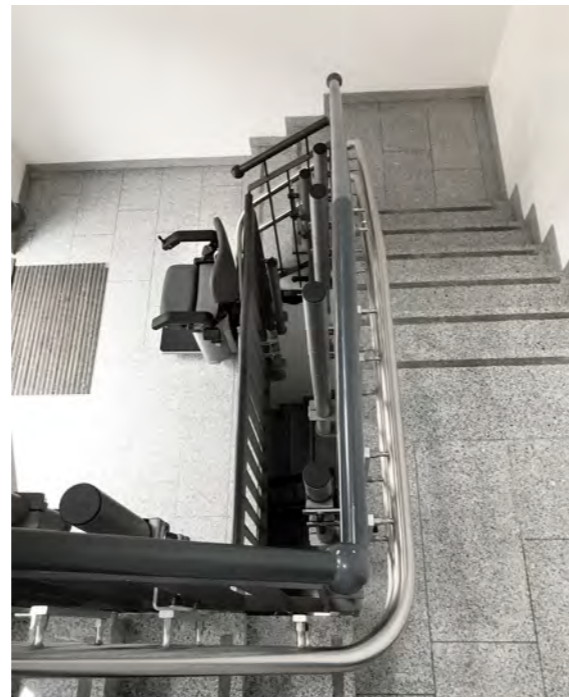
Our customers have a diverse range of expectations for their stair lifts. No two living situations are exactly alike. Everyday life poses different challenges; nevertheless, most living situations start with the same initial design: A central stairway which connects rooms and levels, here and now in your familiar surroundings. Thanks to the expertise of our engineers, we can optimally adjust your new assistive device to your everyday life. After all, we are only satisfied when you are.

Customised and "Made in Bielefeld"

Over a hundred years of experience, technical expertise, and our advanced knowledge borne of research and optimisation are one thing. But interdepartmental communication, well-established processes, and our deep passion are what allow us to work in a way that offers you the biggest possible advantage: Customised, German design, with everything from a single source. Thanks to our plant in Bielefeld and our short pathways, we are able to guarantee you unparalleled quality that more than deserves the "German craftsmanship" seal. Our designers are in constant contact with production and with your personal salesperson as needed. Thanks to this proximity, we ensure you receive a quality product "Made in Bielefeld" that gives you relief, safety, and improved quality of life.



We understand that we can't start from the stair lift, then think about your needs later. We must instead implement your expectations, adapting our processes and developing your stair lift to fit those individual needs. After all, meeting your needs is our job! This is the philosophy that shapes our work year by year, and has already helped us make the lives of countless people and their families easier. We individually plan and build each lift based on your specific stairs and the challenges you are facing. Offering an "off the shelf" stair lift would not make sense, nor respond to your individual requirements. We use photogrammetry accurate down to the millimetre to transmit precise data to our design department. They design your personalised system to the highest standard of care and accuracy to fit you like a tailor-made suit. Nothing is left to chance during the process, and you receive a perfect result.



Design of your customised lift

Our precision starts in your home

We use state-of-the-art digital photogrammetry techniques to precisely and quickly measure your stairs. All data is transmitted error-free to our design and manufacturing department. That way, you can be sure everything will fit precisely.

Custom manufacturing. Guaranteed excellent precision fit

To offer you the quality of a track optimised to fit your space, we work with state-of-the-art production and manufacturing technologies. Instead of prefabricated track parts, we deliver custom, high-quality precise work that is worthy of its name.

Quality. A question of experience

Over 125 years of experience in lift construction have decisively shaped our approach to quality and safety. The result is a robust product with well-designed safety technology in every respect – a product we are proud of and one that justifies your trust in high-quality German manufacturing. All of our stair lifts deliver outstanding safety, convenience, durability, and excellent manoeuvrability. They are easy to care for, and work reliably for thousands of uses.



Picture: HIRO 160 QN

The stair lift for any stairway

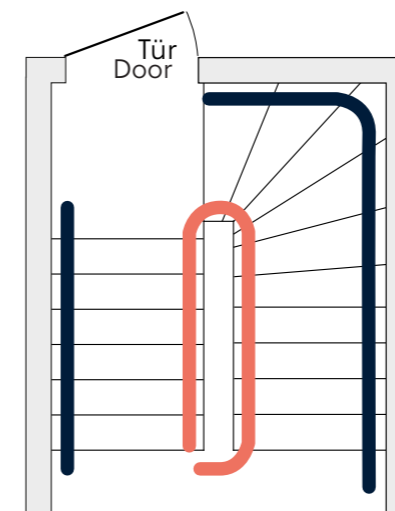
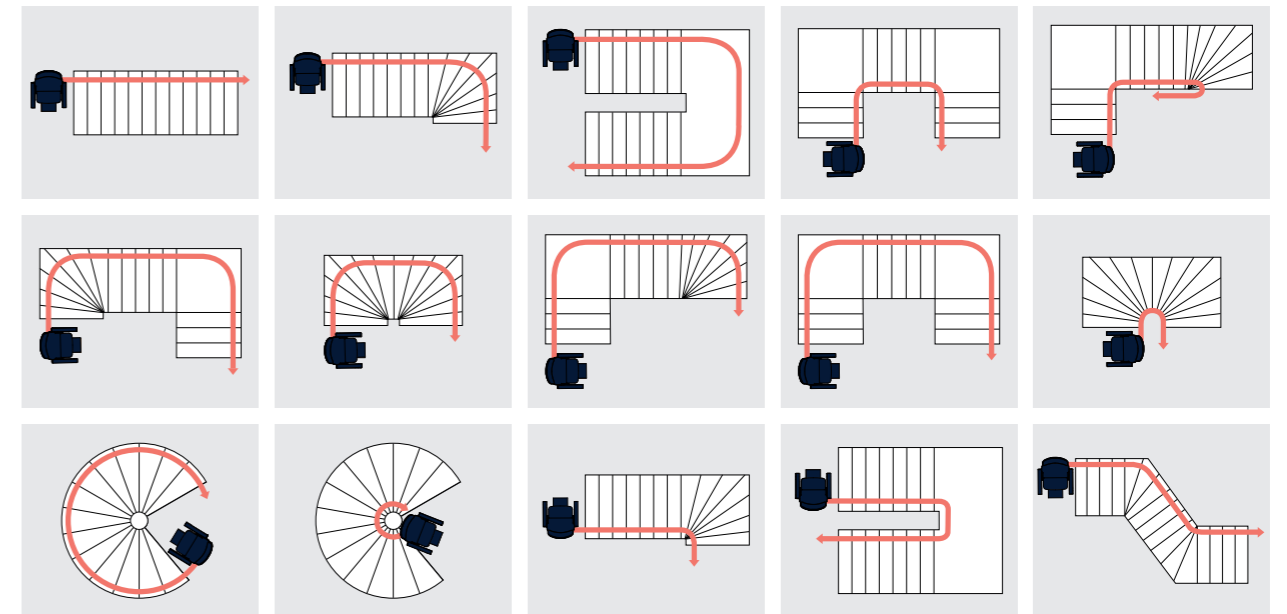
Innovative drive system for any track

Generally, stairs come in two basic designs: curved or straight.

However, the design of a stair lift track is based not only on the shape of your stairs, but also on the structural circumstances involved and your personal needs.

Often, straight stairs will have a bend in the track at stations in order to allow you to easily enter or exit the lift outside of the stair area. This is called a straight stairway with a curved track. In curved stairs, the track reflects the curve of the stairway itself.

Our stair lift consultants know which choice is best for you, and what is possible in your space. They provide you with a free, non-binding consultation on site. We have already assembled a few examples of stairway sections and possible track designs for you:



Fits like a tailor-made suit

HIRO stands for more than just quality German construction. We also stand for custom design, and create the optimal technical solution for you based on the structural circumstances. We have multiple options we can use, for instance, if a door "interrupts" the stairway, and we can recommend the best version for you.

In any case, one thing is certain: Our traction drive can handle even the narrowest curves on the market. That means you have more space on your beautiful stairs. This is a major advantage.

- Track inside (inside running)
- Track outside (outside running)

Your safety is important to us

Series equipment with no compromises

At HIRO, advanced design also means consistently thinking of your safety and your comfort. That is why all HIRO stair lifts have several effective details in addition to the customary safety equipment.

Maintenance-free high-performance battery

Power is supplied to all stair lifts via a maintenance-free gel battery, to ensure you reach your destination even in case of a power outage. This means your lift can still travel for several hours, even without electricity. If it is at a station, the intelligent automatic charger independently detects when the battery needs to be recharged.

The HIRO battery drive also offers you another advantage:

All you need to connect the charger is a normal outlet at or near one end of the track. No separate protected power supply line from a fuse box is required.

This means you never have to worry if you do experience a power outage.

Your stair lift will always remain ready for travel.



Diagnostic display

All HIRO stair 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 stair lift with no additional cost.

Key to prevent unauthorised use

To prevent unauthorised use, for instance by children or by unauthorised persons in a multi-family building, all lifts are operated using a key.

Automatic safety stop

Electric contact strips on the cladding of the system and the foot rest ensure that the system immediately stops if it comes in contact with an obstacle.

Emergency stop button

You can press the emergency stop button at any time during travel in case of an emergency. Your stair lift will stop immediately.

Seatbelt

For your safety, your stair lift is equipped with a seatbelt – similar to the one you are familiar with from your car, and just as stable and reliable.

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). The electrical components are protected appropriately against moisture.

HIRO 160 Q/QN



Picture: HIRO 160 QN

HIRO 160. The jack of all trades.

Advanced technology through traction



Traditionally designed stair lifts have been driven for decades by racks, chains, or cables. This type of design is not satisfactory, in particular on curved stairs. A rack and pinion drive has major disadvantages in this application. Specifically, a curved rack does not allow for mathematically clean, and therefore play-free rolling for the gear, so the lift is jerky. Because of this, we do not use this common technology in our stair lifts. Instead, we use our patented, tested traction drive exclusively (Euro patent no. 0525141).

The traction drive principle

The laws of friction are well-known in the engineering field. Without friction, no train or car could travel. Our stair lifts are subject to the same natural laws. The drive and guide rollers located on the back wall of the lift surround the two tubes of the track firmly, thereby moving up and down along them. The seat is always connected to the track in a horizontal position. Thanks to the automatically self-adjusting mechanical connection between the high-strength rollers and the track, free from any clearance, you enjoy a perfect ride every time.

Unmatched stability thanks to the dual tube system

We specifically chose a dual tube system for the design of our track. The double stainless steel tubes offer the best possible stability around curves, regardless of the incline the lift travels over. The seat does not wobble, and undesirable tipping is prevented. In addition, the track is narrower than with a single tube system.

Very smooth operation and less vibration than traditional drives

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.

No risk of injuries

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.

Your stairway always stays clean

No oils, greases, or lubricants that you or your clothing could come into contact with are used anywhere along the track. The stainless steel tubes always remain clean, even with regular operation. In contrast to stair lifts that use a common rack and pinion drive, your stairway will not be soiled with metal shavings or paint flakes.

Quiet running lift

The traction drive also offers another advantage. Your ride will be not only smooth and gentle, but also almost entirely silent. The combination of stainless steel and Vulkollan® ensures a quiet, comfortable ride, with no loud noises from oily sprockets or chains, as in commonly available drives.

Vulkollan® = a registered trademark of Bayer AG

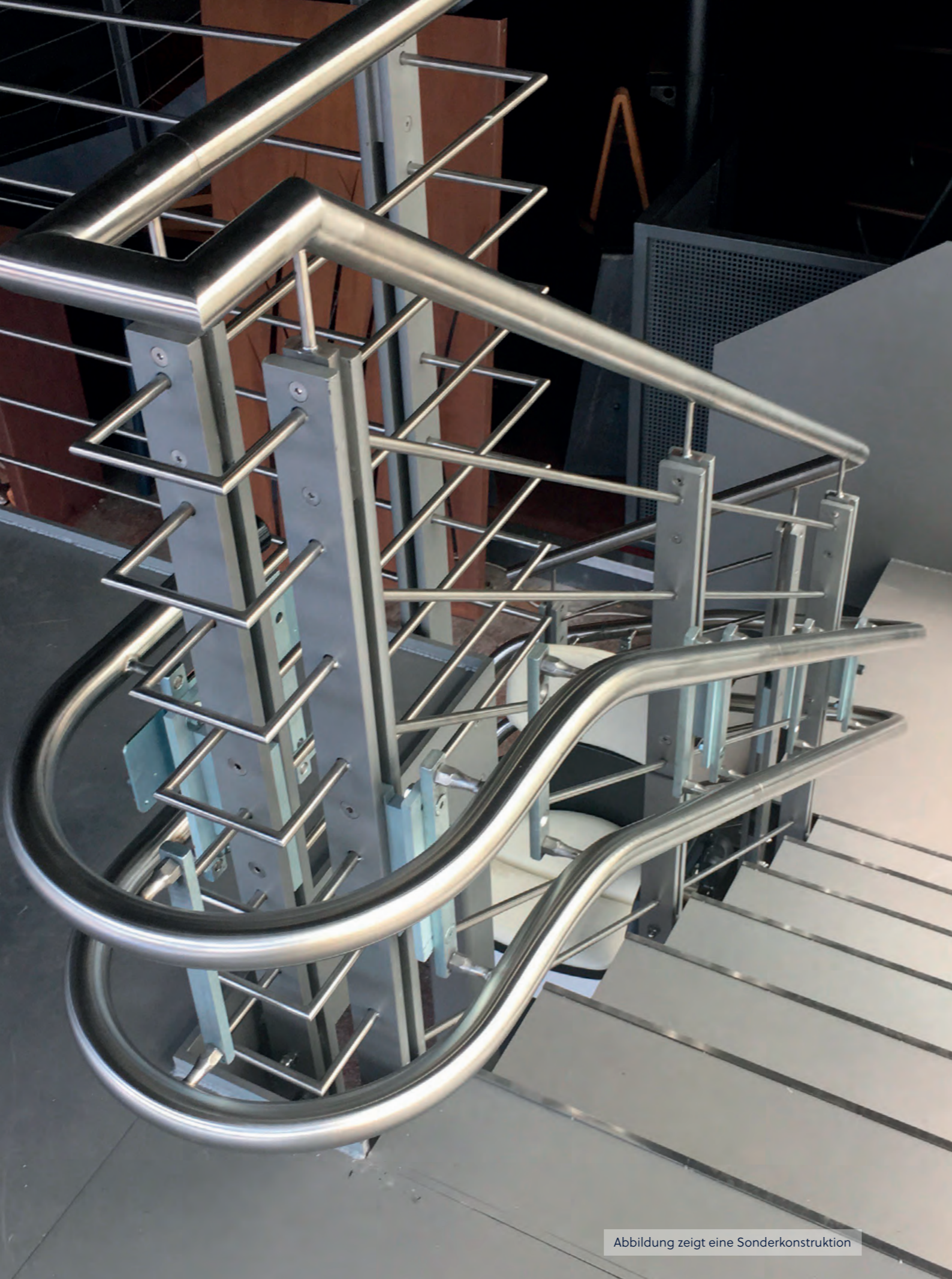


Abbildung zeigt eine Sonderkonstruktion

HIRO 160

The space-saving solution for curved stairs

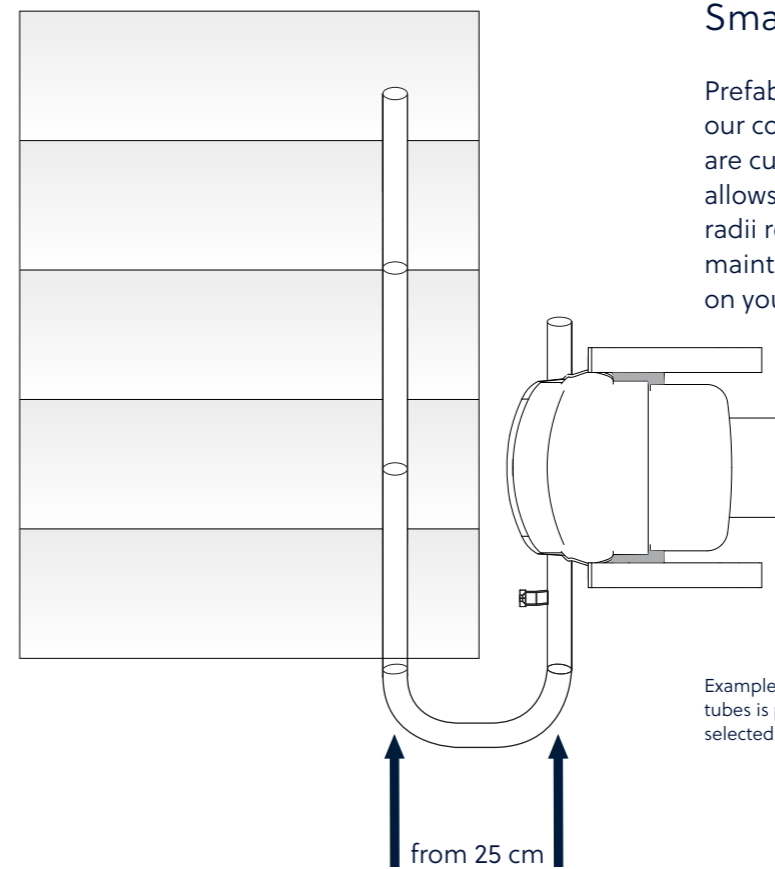
In many homes, it is not possible to route the stair lift on the outside of a curved stairway, for instance because a door interrupts the path. In this case, the stair lift is routed on the inside. In narrow stairways, such inside running stair lifts save a large amount of space. Multiple stories can be connected without an interruption.

However, this type of solution can also be installed in other stairways, and inside running lifts offer several advantages:

- Short path of travel
- Ability to park in the corridor, outside of the stairway area
- Smaller space requirement
- Better accessibility to your stairs
- Option of extending later into the next floor
- The system can be designed to work even with a door on a mezzanine level



The lift easily handles steeply inclined stairs.



Smallest curve radii

Prefabricated track curves are taboo at our company. Our stainless steel tracks are custom manufactured for you. This allows us to create optimal, narrow curve radii regardless of your stairway type. This maintains as much usable space as possible on your stairs.

Example 180° curve: A distance of just 25 cm between the track tubes is possible, depending on the design of the stairs and the selected fastening options.



Picture: HIRO 160 QN

HIRO 160

Outside travel

Of course, the track for the HIRO 160 stair lift can also be routed on the outside of the stairway. Often, customers choose this solution because they want to maintain their view of the beautiful banisters on the inside of their stairs.

Thanks to its patented traction drive, the lift moves smoothly through curves and over inclines. In contrast to an inside running system, more frequent wall attachments are possible for an outside running system. This makes it possible to install the system without drilling into stairs. Your stairs remain undamaged.



The lift can be parked at any position



Installing an outside running system retains the beautiful look of your railings

Right: The HIRO 160 QN in a space-saving parked position

Picture: HIRO 160 QN



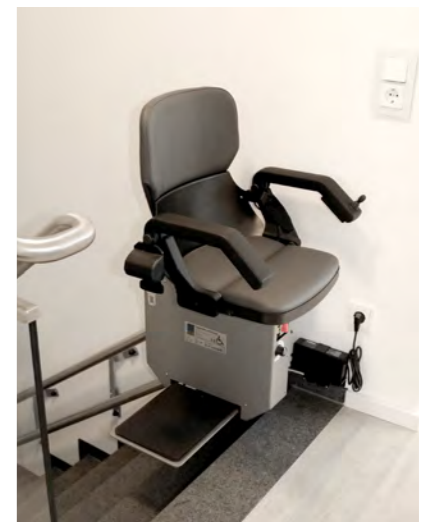


HIRO 155

The perfect solution, even for straight stairs

The HIRO 155 is the right choice on simple, straight stairways over a maximum of one level. The traction drive developed by HIRO LIFT is also used in this lift type. The stainless steel track along with the lift moves up and down has no sharp edges, and requires no oil or grease to operate.

For your safety, the 155 comes standard with an automatic swivel seat: After travelling up or down the stairs, the seat automatically swivels to the optimal entry or exit position at the station. The HIRO 155 stair lift can be installed on all straight stairways, both indoors and outdoors. Our optional special attachments are also available for the HIRO 155. Wall-only installation is also possible with static verification through tensile testing, or in concrete walls.



HIRO 160. Equipment variants

Variant Q

- Indoor / outdoor
- Straight & curved stairs
- Made in Germany
- Patented traction drive
- Automatic swivel seat
- Diagnostic display
- Obstacle sensors
- Special attachments
- Raising footrest
- Configurable design
- Weather-proof version QA



Scan the QR code now to learn more!



The HIRO 160 Q is the traditional model, with a slightly more striking look and manual folding foot rest. It can be expanded with options as needed and adjusted to the user's needs.

- Drive: Traction drive
- Track: 2 polished stainless steel tubes
- Speed: 0.1 m/s
- Load carrying capacity: up to max. 150 kg
- Power supply: 230 Volt via outlet

Variant QN

- Indoors
- Straight & curved stairs
- Made in Germany
- Patented traction drive
- Automatic swivel seat
- Diagnostic display
- Obstacle sensors
- Special attachments
- Electric foot rest
- Ergonomic design
- Configurable design



Scan the QR code now to learn more!



The HIRO 160 QN has a modern, rounded chassis and is delivered with an electric foot rest that can be automatically folded up or down as standard equipment.

- Drive: Traction drive
- Track: 2 polished stainless steel tubes
- Speed: 0.1 m/s
- Load carrying capacity: up to max. 150 kg
- Power supply: 230 Volt via outlet



Picture: HIRO 160 QN



The stair lift for outdoor areas

The HIRO 160 QA. Your stair lift with weather-proof equipment

HIRO Lift is a reliable helper outdoors as well as indoors. We offer customised solutions for outdoor areas in order to ensure your mobility.

Outdoor systems are exposed to numerous weather influences. We have always considered all of these in our design and material selections. Our systems guarantee long-term protection against corrosion and moisture. The seat is also water-resistant; thanks to its heated track, your stair lift will bring you to your destination reliably even in below-zero temperatures.



Time to go "outside"!

Scan the QR code now
and learn more about the
HIRO 160 QA!



Track attachment

The right solution for every track

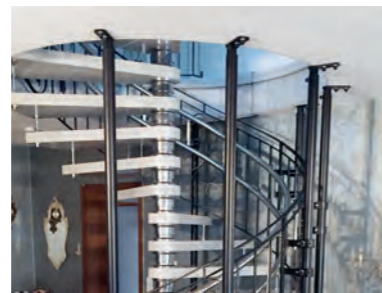
Normally, the track of the stair lift is fastened to supports that are screwed into the steps of your stairway. However, we also offer various attachment options that eliminate the need to drill into or place adhesive to the steps of your valuable stairs. The hot dip galvanized supports we use differ specifically in their load-bearing capacity. The 48 mm model handles loads of up to 135 kg. The thicker, 60 mm design even handles up to 150 kg. Our goal is always to find the best, smartest, and most technically feasible attachment solution for you, so your stairs stay as beautiful as they are.

Track attachment overview:



Clamping attachment:

The supports are fastened using clamps that are pushed onto the stairs, without drilling.



Telescopic supports:

The supports are tensioned between the floor and ceiling. The track is fastened to them on both sides. There is no drilling into steps.



Supports in centre of stairwell:

This makes it possible to travel around the handrail in very narrow curves. No drilling into steps is needed.



Joist attachment:

The supports are placed on the steps and connected to the joist. No drilling into steps is needed.



Frame attachment:

The supports are attached to the frame in the centre of the stairwell. This saves even more space. No drilling into steps is needed.



Harp attachment:

The supports are simply placed on the steps and fastened to the harp posts beside the stairway. Here as well, no drilling into steps is needed.

Wall attachment with set supports:

The supports are screwed into the wall using a bracket and simply set on the steps without drilling.

Colours and materials

Your taste is important to us

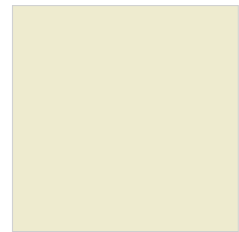
Tastes can vary widely. Because of this, we have created an extensive upholstery collection for YOUR stair lift, with a selection of high-quality, robust, and easy care materials. Classic flat weaves and microfibres are available, as well as exclusive real leather and felt materials (subject to surcharge). Our consultants will be happy to show you samples on site.

But the seat is not all. Find the right coating for armrests, seat, and cladding to match your personal upholstery choice. We even offer special service beyond our standard for chair coverings and track supports. You can select a personalised colour for these components, including any RAL shade.

Simply ask your HIRO consultant for more information.



Seat and arm rests (plastic)



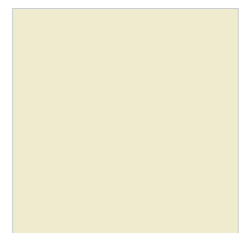
Cream white - RAL 9001



Black - RAL 9005

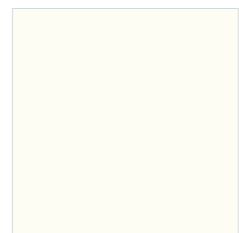
Chair cladding and track supports (metal)

(Standard)



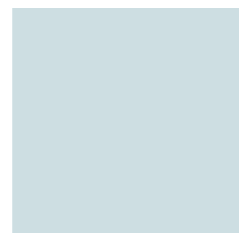
Cream white - RAL 9001

(Surcharge)



Pure white - RAL 9010

(Surcharge)



Light grey - RAL 7035

(Surcharge)



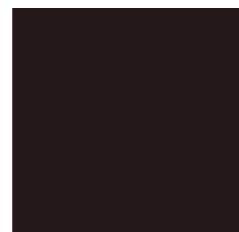
Silver - RAL 9006

(Surcharge)



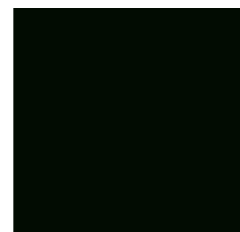
Aluminium grey - RAL 9007

(Surcharge)



Anthracite metallic - DB 703*

(Surcharge)



Black - RAL 9005

Seat surface and back rest

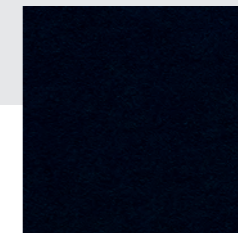
(Flat weave and microfibre. Real leather and faux leather)



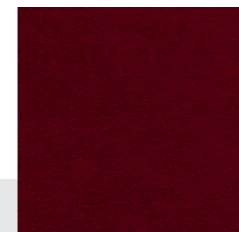
Anthrazit - 00121635



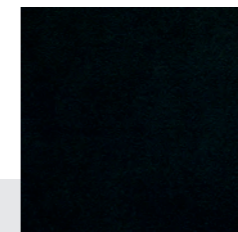
Stein - 00121638



Marine - 00121634



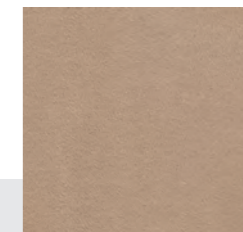
Rubin - 00121639



Moos - 00121633



Mandel - 00121636

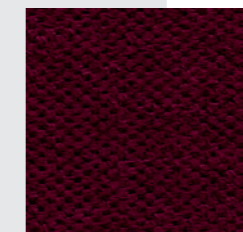


Vanille - 00121637

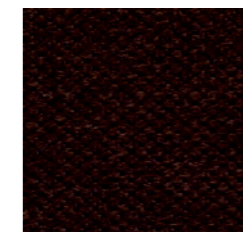
Material: Microfaser (100% Polyester)



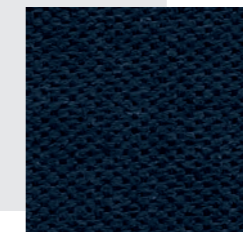
Material: Flachgewebe (98% Polyester, 2% Nylon)



Bordeaux - 00121647



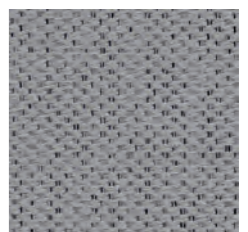
Espresso - 00121650



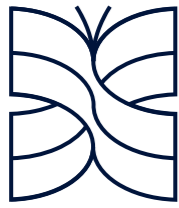
Indigo - 001216



Anthrazit - 00121648

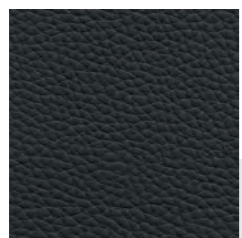


Silber - 00121651



Mal kreativ sein? hiro.de/treppenliftkonfigurator

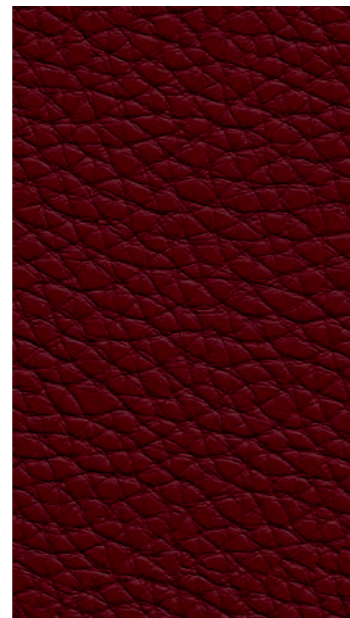
Simply scan the QR code and design your stair lift.



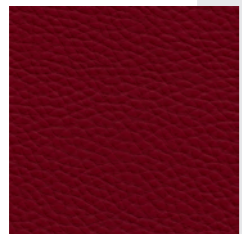
Anthrazit - 00121661



Mandel - 00121658



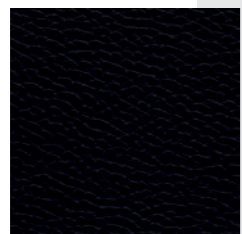
Material: Kunstleder (100% Polyurethan)



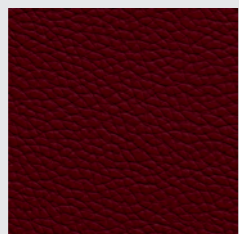
Rubin - 00121664



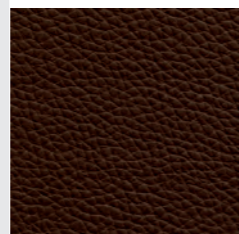
Stein - 00121660



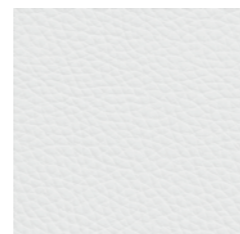
Schwarz - 00121662



Bordeaux - 00121663



Schoko - 00121665



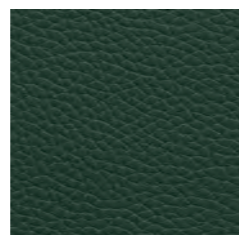
Weiß - 00121659



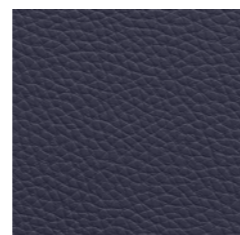
Sand - 00123273



Cognac - 00123272



Moss - 00123271

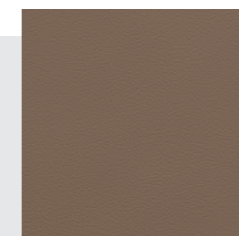


Marine - 00123270

Due to the printing technology used, products may deviate from the colours and textures shown here.



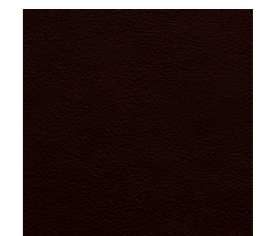
Material: Leder (100% Rind - Made in Germany)



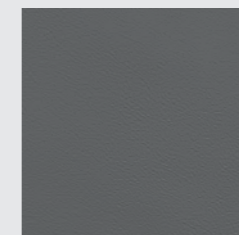
Sand - 00121669



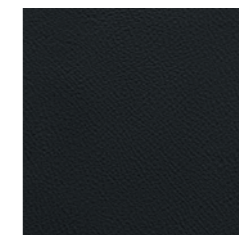
Cognac - 00121675



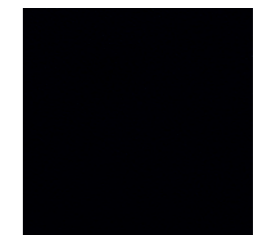
Schoko - 00121670



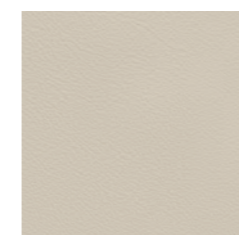
Stein - 00121672



Anthrazit - 00121671



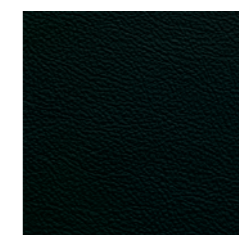
Schwarz - 00121666



Vanille - 00121668



Bordeaux - 00121673



Moos - 00121674



Marine - 00121667



It seems like everyone is wearing it: Leather. From belts to shoes to wallets; leather stands for quality, a special material and daily companion. Just like your HIRO stair lift. And just like our stair lifts, we strive to offer only the best leather selections.

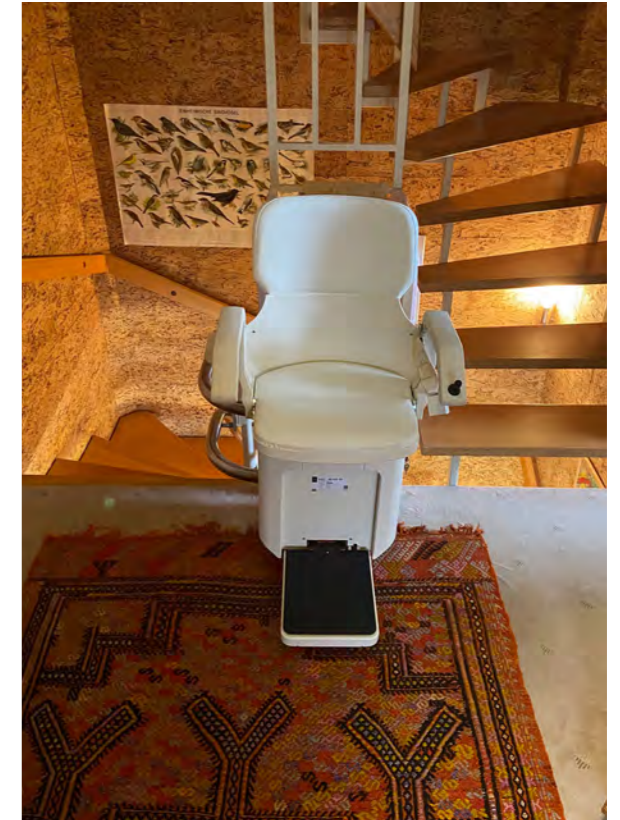
We only use first-choice European cattle hide in our tanneries. The hides must be gently pigmented, and have a natural character. We also value environmentally-friendly and ecological mineral tanning without the use of AZO dyes.

Robust, easy to care for, and extremely comfortable: A HIRO seat with real leather.



Picture: HIRO 160 Q

Installation examples



Certificates and warranties

CE mark

In contrast to classic testing seals, the CE mark is proof of conformity with the law. By attaching the CE mark to its products, HIRO LIFT confirms that its stair lifts fulfil all current product-specific European guidelines. Each purchaser receives a declaration of conformity, verifying that their system complies with all applicable laws.



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

HIRO quality management

For many years, Made in Germany has stood for reliability, perfection, and quality. We live up to these standards every day with passion. As a manufacturer with a modern production facility in the beautiful city of Bielefeld, we not only keep every step of production in-house and under our control, but also utilise this advantage for our in-house, uncompromising quality management. Ultimately, we stand by your side with more than just our "good name". The top quality claim of "Made in Germany" requires that we thoroughly test each individual stair lift before we deliver it to you, to help you "live better" once again. We even think a step ahead. We regularly have our systems tested by neutral auditors.



Scan the QR code now and learn more about the HIRO manufacturer warranty!



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



Right side: Sample warranty document