



STYLISH ENGINEERED ACCESSIBILITY SOLUTIONS FOR
PUBLIC AND PRIVATE BUILDINGS



- Flexstep

AXESS2

FLEXSTEP



Stairs and lift in one

The FlexStep is the perfect solution to conquer split levels for all wheelchair users and walking impaired persons in areas with minimal space. It's the most space-saving lift on the market and at the same time it offers a design to satisfy even the most fastidious user.

Design

No effort has been spared on the details, and the design offers good opportunities for adaptation to the surrounding architecture and fittings. The FlexStep comes as standard in painted steel, but steps and handrails can be fully adjusted to the client's needs. It is supplied for both indoor and outdoor use.





Equal opportunities for all!

In daily use the FlexStep is a completely ordinary stair with a classic design, which can to a great degree be adjusted to individual requirements. With a single press of a button the FlexStep transforms into a lift, which comfortably and safely raises the user to the upper level.

Technology

The lift is fitted with lifting columns which, thanks to advanced controls, operate 100% synchronously, so the user feels an even and comfortable lift. Furthermore, the lift is fitted with a specially- developed safety circuit, which contains, among other things, an infrared safety system, which monitors that no injury is caused by squeezing between the steps.

Function

Operation is especially easy for the single user. At the top and bottom of the stairs the lift is called and the user can operate the upward and downward movement on the lift itself. All other actions, including the key safety functions, go on automatically thanks to the advanced controls. Once the FlexStep has been used as a lift, it will automatically return to the starting position as stairs after 1 minute without use.

Assembly

The FlexStep can be fitted without changing the existing structural elements and replaces not only the normal stairs, but also the already used sidemounted lift systems or other lifting appliances. The only preparation at the set-up site is providing a 230V power supply.





SPECIFICATION

Each FlexStep is designed for the specific project. As standard, the FlexStep is available in eight sizes which are customized to the specific difference in levels. All models are available in four different standard widths.

Lifting capacity:	400 kg	Noise level:	< 70 dB
Lifting speed:	Approx 40 mm/sec.	Connection:	230 VAC (charging)
Step widths:	700mm / 800mm / 900mm / 1000mm (internal) Step	Battery backup:	Yes
Installation width:	width + 300 mm	Approval:	CE marking according to Machinery Directive 2006/42/EC
Tare weight:	120 – 160 kg	Operation:	Hold-to-run control, pursuant to legal regulations
Duty cycle:	2 min. operation every 5 min.	Call stations:	Wired or Remote

2+1 steps



2+2 steps



Lifting height: 240 – 370 mm; Length as platform: 900 mm

Lifting height: 240 – 370 mm; Length as platform: 1210 mm

3 steps



3+1 steps



Lifting height: 360 – 740 mm; Length as platform: 915 mm

Lifting height: 360 – 555 mm; Length as platform: 1190 mm

4 steps



Lifting height: 480 – 925 mm; Length as platform: 1220 mm

4+1 Steps



Lifting height: 480 – 740 mm; Length as platform: 1495 mm

5 Steps



Lifting height: 600 – 1110 mm; Length as platform: 1525 mm

6 Steps



Lifting height: 720 – 1250 mm; Length as platform: 1830 mm

OPTIONS

The FlexStep is designed to merge into the environment where it is installed. We offer numerous options to customize step inserts and handrail types, and also balustrades, materials and colours can be tailored to a perfect match. You may even supply your own flooring materials for the steps to achieve the optimal integration into your décor.



Standard step inserts

Ash, beech, cherry, mahogany, oak, pine, walnut, teak and aluminium plate.



Standard handrails

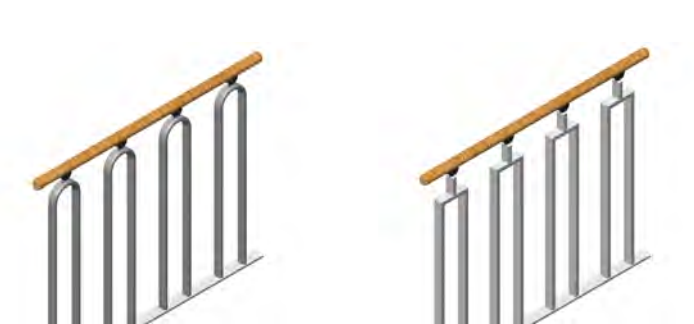
Ash, beech, cherry, mahogany, oak, pine, walnut, teak, brass, stainless steel, painted steel.

Balustrades

Balustrades are available with square or round top.

- Round balustrades: Flat oval steel profiles with rounded top
- Square balustrades: Rectangular steel profiles with flat top

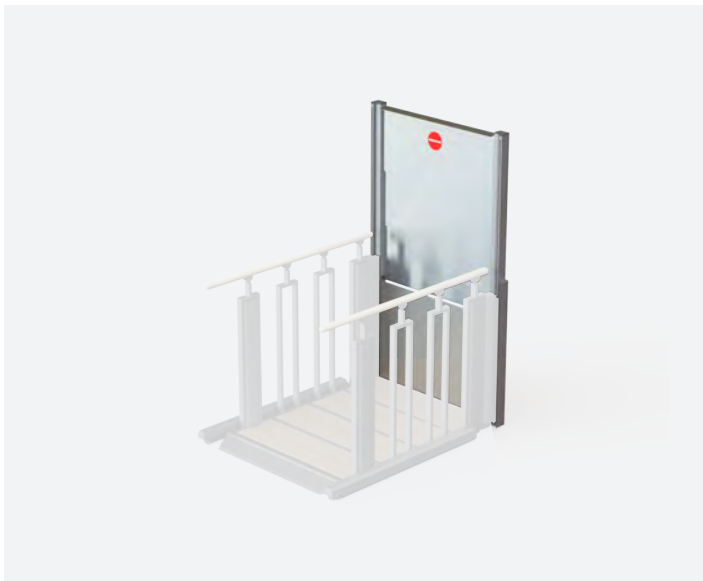
Protective railing and balustrades for existing building components are available as supplementary equipment, to complete the installation.



SAFETY

The FlexStep is a very safe product thanks to the many safety measures guaranteeing non-hazardous operation of the convenient platform lift. The product comprises four intelligent, synchronized engines safeguarding a stable and safe transportation between levels, and as standard the FlexStep is furnished with all necessary safety measures.

The FlexStep is CE marked according to the EU Machinery Directive and thus meets the strictest safety regulations.



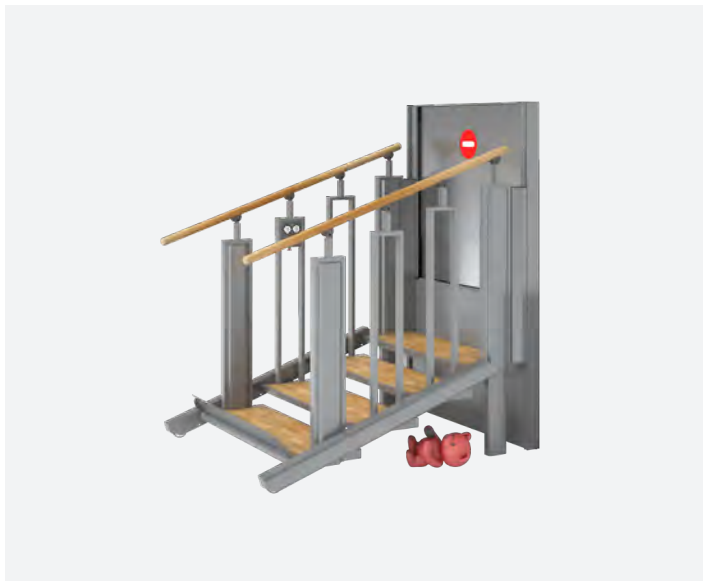
Vertical safety barrier – top landing

Liftup has designed a vertical safety barrier solution which prevents an accidental fall from the top landing onto the platform or stairs. In most countries, legal regulations stipulate that such a safety function must be established when the difference in levels exceeds 500 mm. The vertical safety barrier is discretely hidden between the FlexStep and the front wall and is only visible when the safety functionality is required.



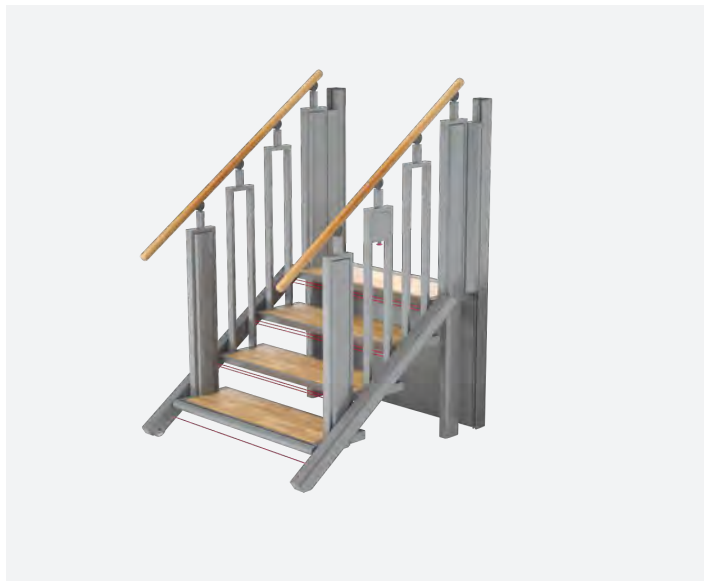
Access ramp and safety device combined in one solution

An access ramp is discretely folded under the lowest step of the FlexStep. Whenever the FlexStep is in use as a wheelchair lift, the ramp unfolds and gives the wheelchair user access to the platform. The ramp rises and locks before the FlexStep starts moving as a platform and works as an elegant safety device preventing rolling off during the elevation.



Anti-squeeze protection

All movable parts of the FlexStep are equipped with fast acting pressure activated plates which will stop the movement of the FlexStep if an object is situated below the platform. As an additional feature, the FlexStep will move away from the obstruction which may then be easily removed.



Infrared light curtain as additional safety

As standard, the FlexStep is equipped with an advanced light curtain monitoring all gaps between the stairs and the surface of the platform, to prevent crushing between the stairs and unintentional movement when a wheelchair is on the platform.



BUYING A LIFT A STEP BY STEP GUIDE

Professional Advice

You can always book a free consultation with Axess2 to get the advice and support needed to find the best lift configuration for your lift project.

Design your lift

We offer you the freedom to create a lift design that will blend in with any building. The lift is available with a ready-made shaft in steel or glass (3 sides) and offers you a wide range of colour and floor options.

Order & quotation

Axess2 will provide you with a quotation and lift drawings. The price of the lift will depend on your choice of platform size, lift design and on the number of floors. As soon as you have approved the lift specification and drawings, we will order the lift.

Delivery & installation

We will take care of the logistics, you just need to agree on the installation date. Qube lifts are made in Sweden and the manufacturing time is generally between 8-10 weeks.

The Axess2 Commitment

Your lift undergoes extensive testing and quality checks before leaving our factory and comes with a manufacturer warranty. Our strict environmental policy takes the full life cycle of your lift into account; from sourcing and manufacturing to energy consumption and recycling.



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