

A photograph of a modern outdoor terrace with a wooden deck. In the foreground, there is a white patio umbrella on the left and a wooden dining table with four chairs on the right. The table is set with a pitcher, glasses, and fruit. A white sofa is partially visible in the bottom right corner. The terrace is enclosed by a glass railing system with black frames. Beyond the railing, a calm lake stretches out, reflecting the sky and the surrounding green hills. The sky is a clear, bright blue. The overall atmosphere is serene and luxurious.

**SVALSON
MAKE
WINDOWS
SLIDE**

**HEIGHT ADJUSTABLE
GLASS RAILINGS
AND GLAZING**
CIT I LÄ & CAFÉ AU LÄ

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MAKE
WINDOWS
NOSLAVS2SLIDE
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CIT I LÄ IN BLACK WITH FROSTED FILM ON THE LOWER FIXED PART

PATIO AND BALCONY

>> HEIGHT ADJUSTABLE CIT I LÄ

When you need protection from the wind and screening for your terrace, balcony or outdoor serving area, our height adjustable glazing system CIT I LÄ is the ideal solution. One simple movement is all it takes to provide shelter on a breezy summer's day or a cool autumn evening, and that is not all – you can open up the space just as easily when the sun is shining! Get the most out of your outdoor space and forget being troubled by the wind and weather.



CIT I LÄ CLASSIC IN WHITE

Svalson height adjustable glazing are balanced with a counterweight, our own invention, which makes them easy to raise and lower. The movable glass stays on chosen height without locking. CIT AU LÄ is a well established high quality product.

Our classic glass railings are available in satin anodised aluminium or powder coated in any standard RAL colour. It is fitted with laminated safety glass as standard and polished glass edges is available as an option.

For greater privacy you can choose options like opalescent glass, frosted film or grey glass. Depending on the installation surface, there are

several different feet to choose from, as well as a number of different mounting brackets for close-fitting sections, corners and wall attachment. All made of stainless steel. Our glass railings are tested for wind load and personal safety, including heavy impact, by *RISE Research Institutes of Sweden*.

FEATURES AND OPTIONS:

- *Easily adjusted to your preferred height.*
- *Available in any standard colour.*
- *Choose from clear glass, opalescent or grey glass.*
- *Extends the season.*
- *Be out in the sun but out of the wind.*
- *Fixed railing or complete glazing.*



>> FLEXIBLE SYSTEM EASY TO COMBINE

Svalson CIT I LÄ is available in several variants that can all be combined in the same installation. Svalson is a member of the Nordic Balcony Association, which guarantees you a safe railing or height adjustable glazing solution of the highest quality.

1. FIXED GLASS RAILING

A fixed glass railing is a simple railing with an attractive rail profile. It can be upgraded to a height adjustable wind screen.

2. HEIGHT ADJUSTABLE GLASS RAILING

When you want to ensure good wind protection in an exposed location, opt for classic height adjustable glazing. It also offers a degree of sound reduction.

3. FIXED OVERHEAD GLASS

Fixed overhead glass seals the space up to the ceiling or awning, providing complete protection from the wind.



1. FIXED GLASS RAILING



2. HEIGHT ADJUSTABLE GLASS RAILING



3. FIXED OVERHEAD GLASS



**>> CHOOSE
FROM THREE
DESIGNS**



>> CIT I LÄ / CLASSIC

Our standard glass railing *CLASSIC* with frames and counterweight in aluminium. Satin anodized or powder coated in any standard RAL colour.



>> CIT I LÄ / DIAMOND

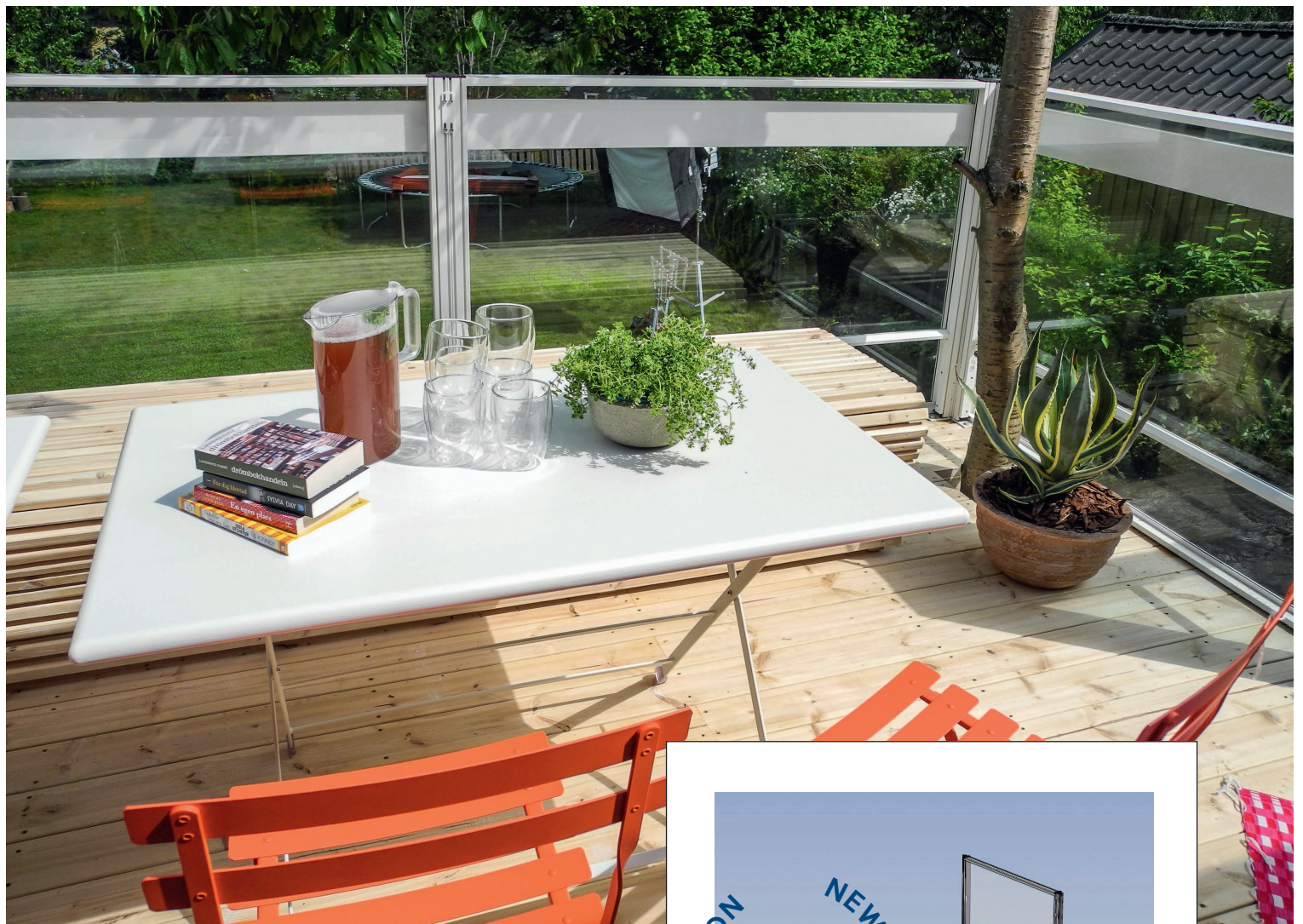
DIAMOND is the most exclusive version with three polished glass edges. Choose the optional glass counterweight for fully glazed horizontal sections.



>> CIT I LÄ / PREMIUM

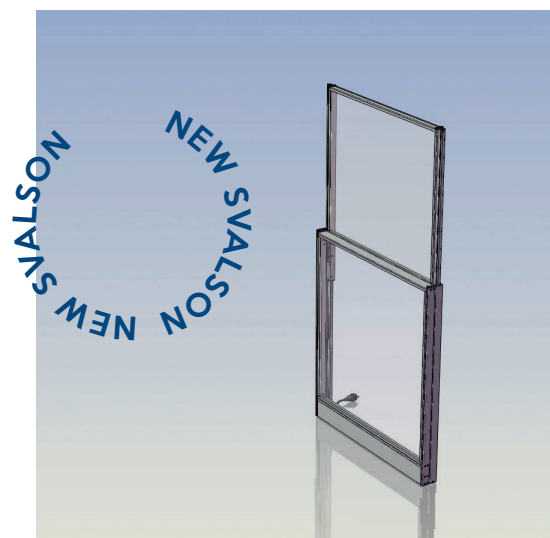
When choosing *PREMIUM*, you will have an elegant design with a polished glass edge on the upper part of the movable glass. As an option, the counterweight is available made in glass instead of aluminium.





>> A DOOR WITH A VIEW!

You can supplement your glazing with a sturdy height adjustable door. The standard width for a door opening is 800 mm. You can also choose a double door fitted with laminated glass or polycarbonate.



>> NEWNESS! ELECTRICALLY OPERATED CIT I LÄ

We are proud to launch A NEW PRODUCT – an electrically operated, height adjustable, railing. This solution does not require a counterweight thanks to the motor drive. The glass is raised or lowered with the touch of a button on a remote control. Also the electrically operated CIT I LÄ can be ordered with polished glass edges.





SPLITT – COMPLETE GLAZING

>> WITH MAXIMUM OPENING

SPLITT offers a complete glazing with maximum opening, thanks to the two movable glass that open from the centre, one upwards and one downwards. A height adjustable glazing that is ideal when the option exists to attach the glazing upwards, to a false ceiling or a balcony above. Each glazing can be manufactured significantly wider and taller than the standard CIT I LÄ.

When you want complete protection from the elements on your balcony, SPLITT is the ideal solution. SPLITT is fully compatible with standard CAFÉ AU LÄ and CIT I LÄ, and installations can be integrated for the best possible results. With attachment at both the upper and lower edge, each section can be made significantly wider and taller than the standard height adjustable railing.

FEATURES AND OPTIONS:

- *Maximum protection from the elements.*
- *Reduces disturbing external noise.*
- *Maximum width 2700 mm, height 3500 mm.*
- *A complete glazing for an unbeatable view.*



CAFÉ AU LÄ INVEST IN A BETTER SPACE

>> FOR RESTAURANTS AND CAFÉS

Svalson's height adjustable glazing for restaurants and cafés, CAFÉ AU LÄ, provides protection from chilly winds and harsh weather. It offers guests excellent comfort and give owners the opportunity to extend their al fresco service season.

The Standard design for CAFÉ AU LÄ is satin anodized aluminium with clear laminated safety glass in the fixed and moving section. Available options are powder coating in any standard RAL colour and a number of different types of glass. The height adjustable glass is balanced with a counterweight, which makes it extremely easy to raise and lower. Additionally, the counterweight ensures that the glass remains at the chosen height, without locking. With CAFÉ AU LÄ, you invest in a better space and extend the season.

FEATURES AND OPTIONS:

- *Guests can easily adjust the height themselves.*
- *Reduces disturbing external noise.*
- *The glass surface gives a good opportunity to present your company, brand, logotype etc.*
- *Key locks are available as an optional extra.*
- *Combine with a ceiling, awning or pergola for maximum comfort.*
- *Flexibility to offer al fresco dining or a glazed restaurant or café.*



ACCESSORIES

**BOLTED INSERT
FOOT**



STANDARD FOOT



**FOOT FOR
BALCONY**



CLAMPING FOOT



**CORNER CLAMPING
FOOT
(FLEXIBLE 0-90°)**



BIG FOOT



**STRAIGHT
CONNECTION PLATE**



**CORNER
CONNECTION PLATE
90°**



**CONNECTION
STRIP**



**ANGLED
CONNECTION PLATE**



**HINGE FOR
CORNER
(OTHER THAN 90°)**



**Z CONNECTION
BRACKET**



**INTERVAL LOCKING
OPTIONAL HEIGHT**



LOCK SHACKLE



**COVER PLATE
FOR CORNER 90°**



**KEY LOCK FOR
LOWERED/RAISED
POSITION**



TECHNICAL SPECIFICATIONS

CIT I LÄ AND CAFÉ AU LÄ

WIDTH

Max. 2200 mm*. Refers to fixed railings and standard height adjustable glazing. For SPLITT, see below.

**Please note that the max. width may be affected by the wind load conditions in the area and the installation height.*

HEIGHT

Standard heights*:

- 800/1300 mm (lowered/raised position)
- 900/1500 mm
- 1000/1700 mm
- 1100/1900 mm
- 1200/2100 mm (max. width 2000 mm)

Refers to fixed railings and standard height adjustable glazing. For SPLITT, see below.

**For installation more than 2 m above ground level, the railing height must be a minimum of 1100 mm.*

THICKNESS

90 mm

FIXED OVERHEAD GLASS

Fixed overhead glass is supplied as standard with extended posts for attaching to existing glazing, but a version without side posts is also available. This solution is attached at the sides and/or upwards to, for example, a ceiling, balcony or pergola.

SPLITT

SPLITT is a height adjustable glazing solution for anyone wanting a complete glazing that offers maximum protection from bad weather. Attachment at both the upper and lower edge enables the use of a wider, taller partition than the standard solution. With SPLITT you get maximum glass opening, thanks to the two movable glazed panes that open from the centre, one upwards and one downwards.

WIDTH SPLITT

Max. 2700 mm

HEIGHT SPLITT

Max. 3500 mm

GLASS

Laminated safety glass. Polished horizontal glass edges, opalescent glass, patterned film and grey glass are available as optional extras.

SURFACE TREATMENT

Standard frames of *satin anodised aluminium*, with additional options being white, black or a standard colour of your choice.

INSTALLATION

There are several types of feet for installation on existing surfaces. There are also a number of different mounting brackets for close fitted sections, corners and wall attachment. All fittings are made of stainless steel.

OTHER OPTIONS

Interval locking at any height. Key locks for lowered and/or raised position.

MANUFACTURED BY

Svalson AB, Sweden





TESTS AND CERTIFICATION

PATENT

European Patent No. EP2483505.

TESTS AND CERTIFICATION

Tested by RISE Research Institutes of Sweden in accordance with EN 12600 – Glass in building. Pendulum test. Impact test method and classification for flat glass.

CE-marked to EN 1090 and approved for installation on balconies and patios where there is a risk of fall injuries and personal injury.

Member of the Nordic Balcony Association.



Balkong
föreningen
i Norden



ENVIRONMENT AND SUSTAINABILITY

Svalson's products are recommended by SundaHus and have been assessed and approved by Bygghälsöbedömningen.

Aluminium is an ecofriendly and recyclable material. The aluminium that Svalson purchases in Sweden is considered more ecofriendly than the standard European product that is produced in Poland, among other countries.

In Sweden, our glass is recycled and used to make insulating material. Residual fractions of laminate are recovered at a recycling facility in Denmark before being used as a plasticiser in plastic products, such as car bumpers, as a binder in paint, and in laminated parquet flooring.

>> SVALSON MAKE WINDOWS SLIDE

You may not be aware of it, but our sliding windows and height adjustable glazings are all around you – in fast-food stands, in banks and on your neighbour's patio. In an underground station in London, in Dior's Paris boutique, at department store Nordiska Kompaniet in Stockholm, and at Disney World in Shanghai.

In 1981 an architect got in touch with family firm Svalson to enquire about manufacturing a sliding window that didn't have to be opened and closed manually. We designed an electrically operated sliding window that could be opened and closed easily at the touch of a button. Both the architect and the end client were delighted with the results. We soon realised that this invention could be the start of something bigger – an innovation that we could develop in numerous ways.

A team of more than 50 people works to continuously develop Svalson's products. No products are exactly the same when it comes to functionality, dimensions and colour. Each and every product is customised based on the customer's needs and wishes. Today, just over 40 years later, Svalson is still a family-owned company, managed by the second generation. The key to being a world leader, at least to my mind, is having qualitatively the best product on the market; one that is tailored to customer requirements and sold at the most competitive price.

Maud Spencer, CEO



SVALSON MAKE WINDOWS SLIDE

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