

COMPANY

A view, not a window. Sky-Frame's immense passion and in-depth understanding of architecture, spatial design and technology has made it the leading international supplier of frameless sliding door systems. The spectacular frameless glass panels and flush transitions allow inside and outside to merge seamlessly into one another to form an exceptional living space.

Ever since the first Sky-Frame window was installed in 2002, the Swiss company has helped to make more than 6,000 individual lifestyle dreams come true and create innovative living spaces around the world.

Sky-Frame develops and manufactures all of its premium products in Switzerland and regularly wins renowned design and business awards. Together with universities and research institutions, Sky-Frame continuously drives forward new solutions for ambitious living concepts.

Sky-Frame at a glance

Head office and production	Frauenfeld, Switzerland
Subsidiaries	Vienna (Austria), Rothrist (Switzerland), Milan (Italy), Los Angeles (USA)
Owner	Beat Guhl, CEO
Employees	170
Finished projects	> 6,000 (January 2018)

Milestones

2017	Development of Sky-Frame Plain and Sky-Frame Pivot
2016	Development of Sky-Frame Inline Introduction of new drive (SI-1000) Sky-Frame wins the S-GE Export Award (Switzerland) Sky-Frame wins the Architects' Darling Award (Germany) Sky-Frame wins an Architizer A+Award (USA)
2015	Sky-Frame moves to its new headquarters in Frauenfeld (Switzerland), quadrupling its production capacity

2014	Development of Sky-Frame Slope and Sky-Frame Sun Sky-Frame wins the Prix SVC Ostschweiz (Switzerland)
2013	Sky-Frame 3P certified as the first Minergie®-P module metal sliding window Development of Sky-Frame Arc and Sky-Frame Fly
2012	Sky-Frame 3 reaches a maximum sound reduction level of 44 decibels (IFT Rosenheim) Sky-Frame wins the D'S Award (Switzerland)
2011	Business activities on six continents
2010	Sky-Frame 3 certified as the first Minergie®-P module metal sliding door Certification of R & G Metallbau AG in accordance with ISO 9001:2008
2009	Development of the highly insulated Sky-Frame 3 Sky-Frame wins the Batimat innovation award (France)
2006	Sky-Frame wins the Innovation Award for Architecture and Technology (Germany)
2004	Establishment of a global network of distribution partners
2002	First installation of Sky-Frame
1993	Foundation of R & G Metallbau AG with a staff of three

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BIOGRAPHY OF BEAT GUHL OWNER AND CEO, SKY-FRAME AG

A passionate orienteering and hiking enthusiast, Beat Guhl loves challenges. And not only when it comes to sport, but also when it comes to business: striving to achieve his goals with a great deal of motivation and drive, taking ideas for innovative solutions and turning them into reality, and always seeking to beat his personal best. Born in Eastern Switzerland, Guhl is married and a father of three, and manages a staff of 170.

Having grown up on his family's farm together with his three siblings, Beat Guhl started out his career with an apprenticeship as a metalworker. He went on to study metalworking technology and also qualified as a Swiss certified metalworking master. At the University of St. Gallen, he completed his KMU-HSG post-diploma studies at the Swiss Research Institute of Small Businesses and Entrepreneurship.

The international success story of a Swiss SME

In 1993, together with a partner, Beat Guhl founded R & G Metallbau AG. His passion for tackling technical challenges and developing innovative products prompted him to construct large, flush-fitted and frameless sliding windows that would create unprecedented opportunities for architectural and spatial concepts. By using large-format glass panels, Guhl breathes life into his vision: the perfect symbiosis of functionality, timeless design and Swiss engineering. In 2002, Guhl patented his Sky-Frame system, and the state-of-the-art solution went on to conquer the market. A major breakthrough came in 2010: Sky-Frame became the first-ever thermally insulated metal sliding window to be certified.

Sky-Frame has established itself among developers and architects as the leading international supplier of sliding window systems and has branches in Switzerland, Vienna, Milan and Los Angeles. The family-owned company makes tailor-made architectural concepts and living spaces a reality around the world and – true to its brand promise – offers its customers “a view, not a window”. Sky-Frame develops and manufactures its premium products in Switzerland. In this way, Beat Guhl demonstrates his connection to the country itself – his home country, where everything began

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CHARACTERISTICS

Individuality

Sky-Frame understands its customers' requirements. Whether it is urban living in a city flat or unwinding in a holiday home in the country – Sky-Frame boasts the right sliding window for each living concept. The modules are freely configurable, and extra features can be added for enhanced comfort. Sky-Frame provides builders, developers and architects with excellent advice and experienced partners from the initial idea to the completion of the individual spatial concept.

Aesthetics

Sky-Frame offers aesthetic solutions for the most discerning design and architectural wishes. With ceiling-high window panels, as well as organically curved and inclined glass units, Sky-Frame is the key to creating individual spatial concepts and extraordinary architecture. True to the Bauhaus vision of “free-flowing space”, the sliding windows open up the living area with a flush transition. This allows the inside and outside to merge seamlessly into one another. Thanks to the timeless frameless window design, the view is elevated to a fascinating design element.

Comfort

Sky-Frame offers all the features you need for relaxed living: Thanks to the electric drive, the large window panels can be moved almost noiselessly and, if desired, using a remote control. The shading solution offers protection when the sun's rays are at their strongest and the insect screen allows you to enjoy warm summer days and mild evenings without being plagued by insects. Insulated security glass, the multipoint locking system, reinforced frames and vertical profiles protect against gunfire while alarm sensors which are invisibly integrated into the profile offer a sense of security.

Technology

Sky-Frame underpins its pioneering technology by completely concealing these complexities, making it wonderfully easy to use. By continuously striving to be at the forefront in developing new product innovations, the pursuit of progress and sustainability is firmly anchored in its vision. This is reflected in the numerous innovation awards won to date. Sky-Frame's technology is 100% Swiss-made and stands for precise engineering and the pursuit of the most sophisticated premium product.

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SYSTEM ARCHITECTURE

Sky-Frame	Classic	Arc	Slope	Pivot
Option				
Original	•	•	•	
Plain	•			
Technology				
1	○			
2	•	•	•	•
3	•	•	•	•
Features				
Fly	○			
Drive	•	*	*	
Guard	•	*	*	*
Pocket	•	•	*	
Inline	○	*	*	
Gun	○			
Sun	•			

- standard
- only with the Original option
- * on request

OPTION

Track system

Sky-Frame Original

A feeling of vast, wide-open space, even when the doors are shut: the frameless doors are transparent from the ceiling to the floor, made possible by the track system that is fully concealed in the floor. Sky-Frame Original ensures that the heat and cold remain outside, and can be combined with all Sky-Frame products.

Sky-Frame Plain

What sets Sky-Frame Plain apart is the hidden, seamless transition between the inside and the outside flush-fitted with the floor: the sliding door glides over an opening in the floor with a width of just 10 mm. The space inbetween the tracks is covered by the same flooring as the interior of the room, reinforcing the feeling of a free-flowing transition between indoors and outdoors. Sky-Frame Plain is perfect for use in warmer regions.

SYSTEM

Sky-Frame Classic

Classic is Sky-Frame's basic system. The sliding doors comprise insulating glass units with perimeter sections made from aluminium or glass-fibre-reinforced plastic (GRP). Mounted in aluminium frames that are fitted flush with floor and ceiling, the sliding units offer minimum rolling resistance when operated. The rectilinear door system evokes timeless appeal. True to the Bauhaus vision, the ceiling-high glass facades help to create a minimalist architecture in which the view takes centre stage.

Sky-Frame Arc

The sliding elements of Sky-Frame Arc are used to create curved glass facades, adding soft contours to the home environment. The radiused glass units offer smooth running performance and play on the contrast to the rectilinear interior and facade architecture. The system meets all Sky-Frame standards and can be equipped with an electric drive on request.

Sky-Frame Slope

The Sky-Frame Slope system is the key to inclined sliding doors. The inclined glass units can either extend into the room or project outwards from the facade. The system meets all Sky-Frame standards while generating a distinctive spatial geometry. The bearing assembly is able to accommodate all vertical and horizontal forces, thereby achieving superior running performance.

Sky-Frame Pivot

Thanks to its asymmetrically positioned axis, Sky-Frame Pivot, the glass-panelled pivot door, swings open easily with just a gentle push, immediately expanding the architectural space. The system can be opened with keys, badges or fingerprints, and the mechatronic multipoint locking system guarantees maximum security.

TECHNOLOGY

Sky-Frame 1

The 12 mm thick, single-glazed Sky-Frame 1 units are suitable for applications without thermal insulation requirements. The system also incorporates special sliding seals that offer a high level of sound control.

Sky-Frame 2

The excellent sound and thermal control standards met by the Sky-Frame 2 technology have made it the most popular Sky-Frame solution. The slim (only 30 mm thick) double-glazed insulating glass assembly has proved to be an outstanding performer in a wide range of climate zones.

Sky-Frame 3

The Sky-Frame 3 technology with its 54 mm thick insulating glass units meets the highest standards and is Minergie-P certified (passive house standard). The triple-glazed insulating elements offer extra stability and even greater resistance to wind loads.

FEATURES

Sky-Frame Fly

With its insect screen, Sky-Frame Fly makes it possible to enjoy the summer without being plagued by insects: when not in use, the screen fully retracts out of sight into the frame. Sky-Frame Fly can cover openings of up to more than 3m in height.

Sky-Frame Drive

Sky-Frame Drive's electric drive facilitates simple and virtually noiseless operation of the sliding elements at the press of a button. The drive is concealed in the ceiling section and allows the door panels to move automatically.

Sky-Frame Guard

Sky-Frame Guard doors are burglar-resistant and can be enhanced with laminated safety glass and additional security hardware concealed in the frame. Integrated alarm sensors monitor the doors.

Sky-Frame Pocket

When Sky-Frame Pocket is opened, the door elements slide effortlessly and completely into the wall so that living spaces are completely open, highlighting the magnificence of the interior architecture.

Sky-Frame Inline

Sky-Frame Inline connects frameless fixed glass panels with sliding doors. These elegant beams with a visible width of just 30 mm make it possible to create spectacular flush-fitted glass panels.

Sky-Frame Gun

Sky-Frame Gun features insulated security glass, reinforced frames and vertical profiles, all of which protect against gunfire.

Sky-Frame Sun

With its flat, 80 mm wide aluminium slats, Sky-Frame Sun's venetian blind system offers the perfect shading solution for elegant Sky-Frame sliding doors. The flat aluminium slats are suspended on thin guide cords that are easy to remove and fix back in place whenever necessary.

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