

ROLLER SHUTTERS MASTER CATALOGUE



Extraordinary Roller Shutter Systems

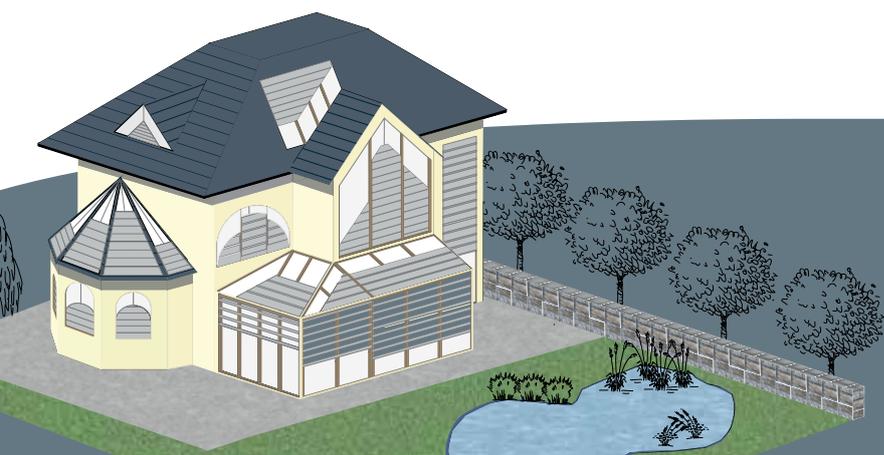

schanz
Rollladensysteme

Climate control and Protection tailored to your needs!



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PREMIUM QUALITY

Intelligent roller shutter systems

Windows are the eyes of a house. they bring light and life into our home, open up views out into nature and make it possible for us to experience seasonal changes up close and personal.

Sometimes, however, less is more: we'd all like to be able to simply close our house's eyes on scorching summer days, as well as when the blinding winter sun is low on the horizon or when the neighbours are being nosy.

That is where we come in!

Our modern shading solutions for all shapes of glass roofs and windows turn the interplay between light and shade into a true experience in home living.

For 35 years now, our aim has been to make it possible for you to enjoy the nice sides of having light in your home. Our premium quality roller shutters create atmosphere in living spaces and set accents in facade design. We trust you'll find inspiration in the pages to follow. There are practically no limits to your creativity in creating a design. Join us in developing ideas for sustainably increasing the value and comfort of your house and make home living even more pleasant.

Profiles & shades



Select your perfect shading from various profiles

Shapes & combinations



There are 12 basic shapes and variations used to create endless design options

Security & safety



They protect against solar radiation, heat, storms, noise, and also hinder burglary and give shape to sunlight



S



min. 600 mm
max. 2500 mm



min. 400 mm
max. 5000 mm

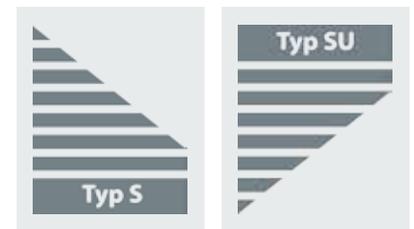
SU



min. 600 mm
max. 3600 mm



min. 400 mm
max. 5000 mm



S/SU

Solar protection is important

It's warm, it's light and it makes people happy: When the sun is shining down from the sky, our good-mood barometer rises. However, the power of the sun's rays is frequently underestimated. When they hit windows without hindrance, they quickly heat up the living spaces behind those windows. Kitchen, living room & co. become a sauna, and the pleasant atmosphere is gone. We feel droopy, our efficiency drops and we can't even think about obtaining restful slumber in rooms like these. Our plants are also often unable to resist these high temperatures, and ultraviolet radiation fades our beloved furniture.

Thus, quality solar protection is not only important for our skin, but for our home as well. Aluminium roller shutters innately deliver excellent properties. This versatile light metal reflects - depending on the coating - up to 90% of solar rays before they can penetrate inside and cause the much dreaded accumulation of heat. This makes it possible to maintain a cool head, even in the heaviest of summer heat.



The S model, with box lying directly on the window sill. The shutter rolls up from below directly into the slant



Horizontal box over the window, curtain closing to the bottom, the SU model



Perfectly embedded, your sunshade according to your needs and requirements.



GS



min. 600 mm
max. 3800 mm



min. 400 mm
max. 5000 mm

GSU



min. 600 mm
max. 3800 mm



min. 400 mm
max. 5000 mm



GS/GSU

Fascinating interplay between light and shade

Light is the elixir of life. It is what sets the pace for our inner clock, stimulates circulation and metabolism, and, no less importantly, lifts our spirits.

The change from light to darkness affects all life on Earth. It's no wonder that a lack of healthy, natural daylight deteriorates our spirits. Our psyche falls out of equilibrium, our mood turns gloomy. Thus, the trend toward large windows that collect as much sunlight as possible will continue to hold in the future, for artificial light can never replace the intensity and psychological effect of natural brightness. However, a great deal of shade is also needed wherever there are copious amounts of light.

Daylight incidence can cause bothersome reflections on computer monitors and television screens, and blind sensitive eyes when reading. Without the right shading solutions for windows, it won't be possible to enjoy a football match or a favourite novel without interruption. And forget about working in a home office disruption-free. Be it atriums flooded with light, highly effective skylights, or broad window façades: Our versatile roller shutters adapt to all conceivable forms, angles and slopes. Moreover, they protect privacy and reliably shield against the curious eyes of passers-by and neighbours.



Custom-made using modern production equipment



Precision tailored to slopes and angles



Your Studio Star, one of a kind. The perfect solution for your needs



SI

SIU

SIG

SIGU

	min. 600 mm max. 5000 mm		min. 600 mm max. 5000 mm		min. 600 mm max. 5000 mm		min. 600 mm max. 5000 mm
	min. 400 mm max. 5000 mm		min. 400 mm max. 5000 mm		min. 400 mm max. 5000 mm		min. 400 mm max. 5000 mm



SI/SIU/SIG/SIGU

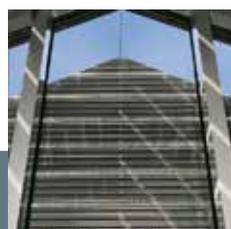
No chance of heat accumulation

Windows are a design element in architecture. Their size, shape and colour determine a building's aesthetics, as well as the atmosphere inside. Sweeping window façades have become a hallmark of contemporary architecture, which is also why effective solar protection has also become more and more important. Even when the sun is hiding behind clouds, it is still intensively radiating down to the Earth with fatal effect for everything that remains unprotected. Plants wither, beach enthusiasts burn their backs and indoor spaces build up heat to the point they become insufferable. Rooms located directly underneath a roof in particular turn hot in summer months, becoming stuffy and extremely uncomfortable. While it's true that those who living directly below a roof have nothing to worry about over their heads but the sky, they are also the ones who are most exposed to the sun's rays.

When those rays pass through glass panes, heat penetrates into rooms. It accumulates and has no place to escape. This is particularly unpleasant in rooms directly underneath a roof, as the mansard is usually where bedrooms and children's rooms are located. The inert air and heat smother every attempt at sleep. This exerts an extreme burden on small children, who are particularly sensitive to environmental influences. Spirited playing, frolicking and even learning „in their kingdom“ are no longer feasible. Our solar protection systems, however, create a pleasant atmosphere under roofs, sustainably protecting skylights and glass gables against unwanted light incidence without, however, entirely blocking out healthy daylight. This makes it possible to enjoy life to the fullest.



SI / SIG, the perfect solution for shading your roof gable, or dormer windows



You can position Studio slanted shutters anyway you want at any height



Even halfway open, it will still mostly deflect glaring rays of sunlight, protecting your plants and furniture without leaving you in the dark



R



min. 600 mm
max. 2500 mm



min. 400 mm
max. 5000 mm

RU



min. 600 mm
max. 3600 mm



min. 400 mm
max. 5000 mm

SR



min. 600 mm
max. 2100 mm



min. 400 mm
max. 5000 mm

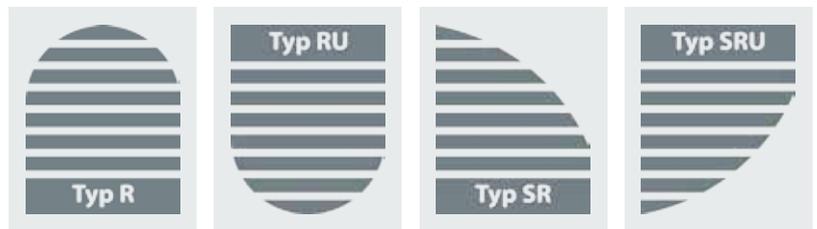
SRU



min. 600 mm
max. 3800 mm



min. 400 mm
max. 5000 mm



R/RU/SR/SRU

True all-round talent

Studio Star assumes many roles in front of a window. It reduces deafening noise, protects against unwanted on looking and uninvited burglars. It blocks out summer heat and hold warmth in the home during the winter. It protect against storms, hail and frost. Roller shutters are true all-rounders that allow us feel safe and secure in our home. However, they don't just make the place we live more pleasant, they are also gentle on household budgets by reducing energy costs over the course of the year. In the winter, the insulating layer of air between a window and a closed shutter impedes costly loss of heat. In the summer, it isn't necessary to run air conditioning at full throttle to avoid sweltering humidity.

And then there are the aesthetics with the roller shutters, for, just like windows and doors, an object's exterior aesthetics contribute to „a building's calling card“. Since every house is as individual as the people who live in it, roller shutters also need to match the widest variety of architectural styles. Whether symmetrical, round or angled: windows increasingly represent an opportunity for home owners to express their own personal tastes. Whatever your taste or your preferences may be, our roller shutters work with practically any window shape.



Model R, in combination with our Select profiles You'll love it...



... and finally enjoy every sun ray



With nearly unlimited versatility in shape, perfect harmony with architecture



G



min. 600 mm
max. 4400 mm



min. 400 mm
max. 4100 mm

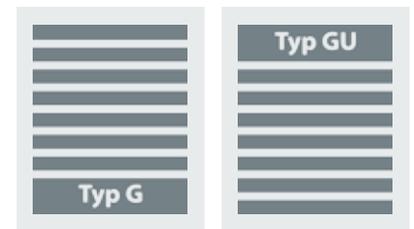
GU



min. 400 mm
max. 4000 mm



min. 400 mm
max. 5000 mm

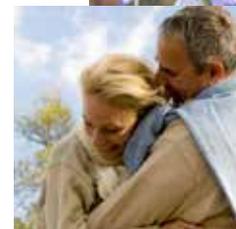


G/GU

Effectively reduce energy costs

With our roller shutters, you'll fear neither cold temperatures nor the next energy bill. When the weather turns cold and unpleasant outside, the insulating layer of air between a closed shutter and a pane keeps pricey warmth inside. The shutter itself also reflects heat back inside, providing for an agreeable room ambience on cold winter evenings. This is a relief to both the environment and the wallet, for it curtails energy consumption in a sustainable manner. The cold remains outside in the winter while the heat still remains inside.

The exact opposite occurs in the summer. Enclosed roller shutters block summer heat out and maintain temperatures pleasantly cool on the inside. Air conditioners and fans can stay turned off and won't unnecessarily eat up heaps of electricity. The robust material in our shutter systems, however, not only defies heat and cold, it also stands up to hail, wind and rain. The saying „my home is my castle“ takes on an entirely new level of meaning.



The roller shutter's aluminium slats form the shutter. They are robust and weather resistant.

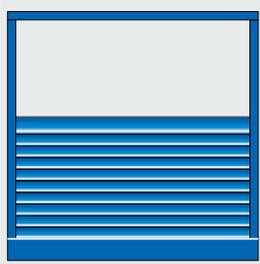


Precise cuts in the high quality materials guaranteed...

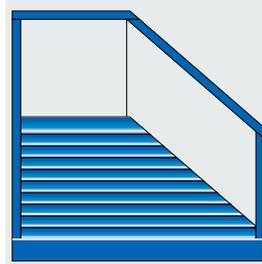


...accurate fit, reliable function and long service life

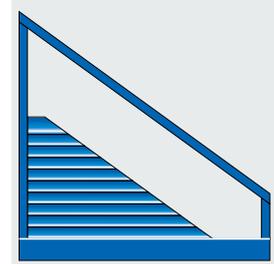
Shapes



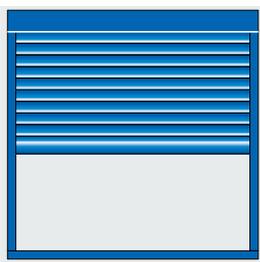
Typ G
Straight + box on Bottom



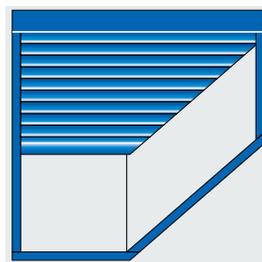
Typ GS
Straight + slant + box on bottom



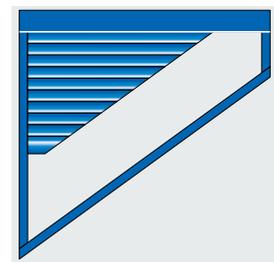
Typ S
Slant + box on Bottom



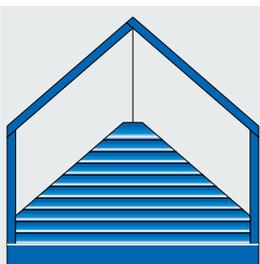
Typ GU
Straight + reversed box



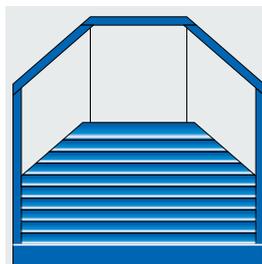
Typ GSU
Typ GS + reversed box



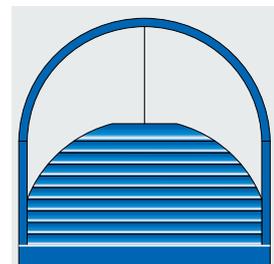
Typ SU
Typ S + reversed box



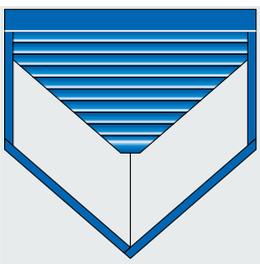
Typ SI
Pointed + box on bottom



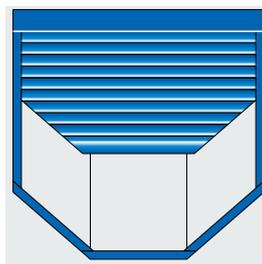
Typ SIG
Pointed + straight + box on bottom



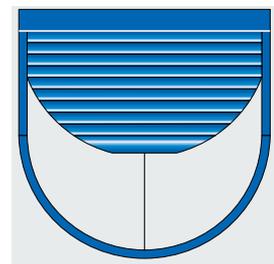
Typ R
Round + box on bottom



Typ SIU
Typ SI + reversed box



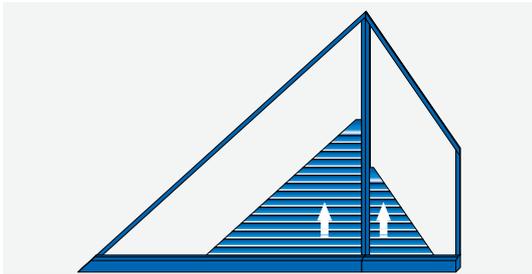
Typ SIGU
Typ SIG + reversed box



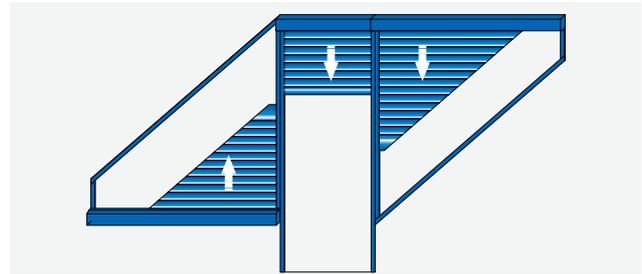
Typ RU
Typ R + reversed box

The system design in Studio Star pulls the roller shutters from bottom to top, i.e. the shutter box is usually located on the bottom. If the shutter box is mounted on top, i.e. in the reversed position, then there will be a U behind the model name.

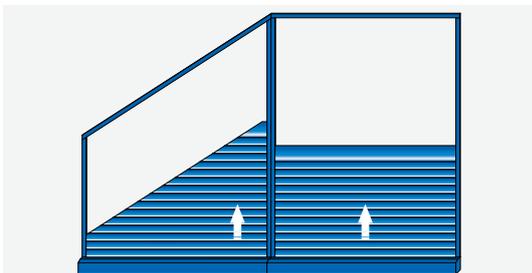
Combinations



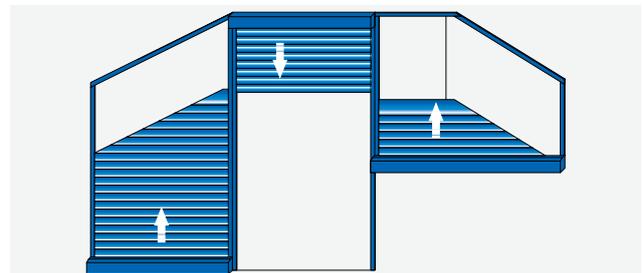
Typ S - Typ S



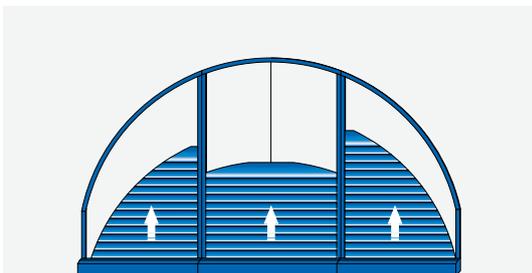
Typ S - Typ GU - Typ SU



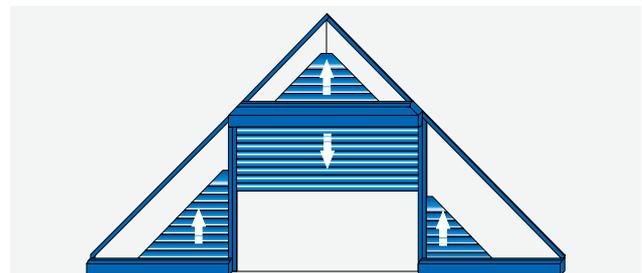
Typ S - Typ G



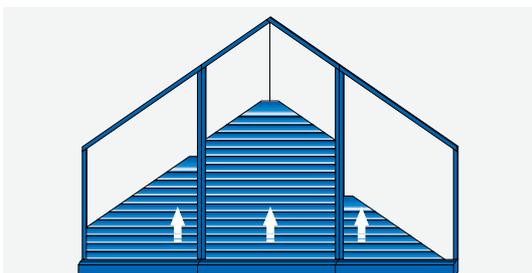
Typ S - Typ GU - Typ GS



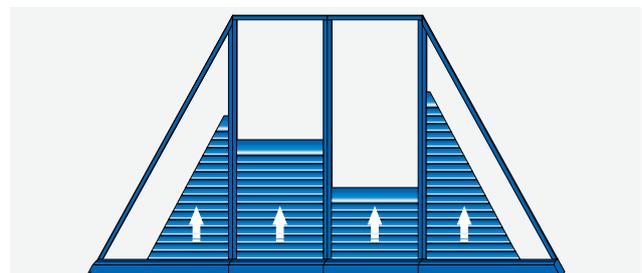
Typ SR - Typ R - Typ SR



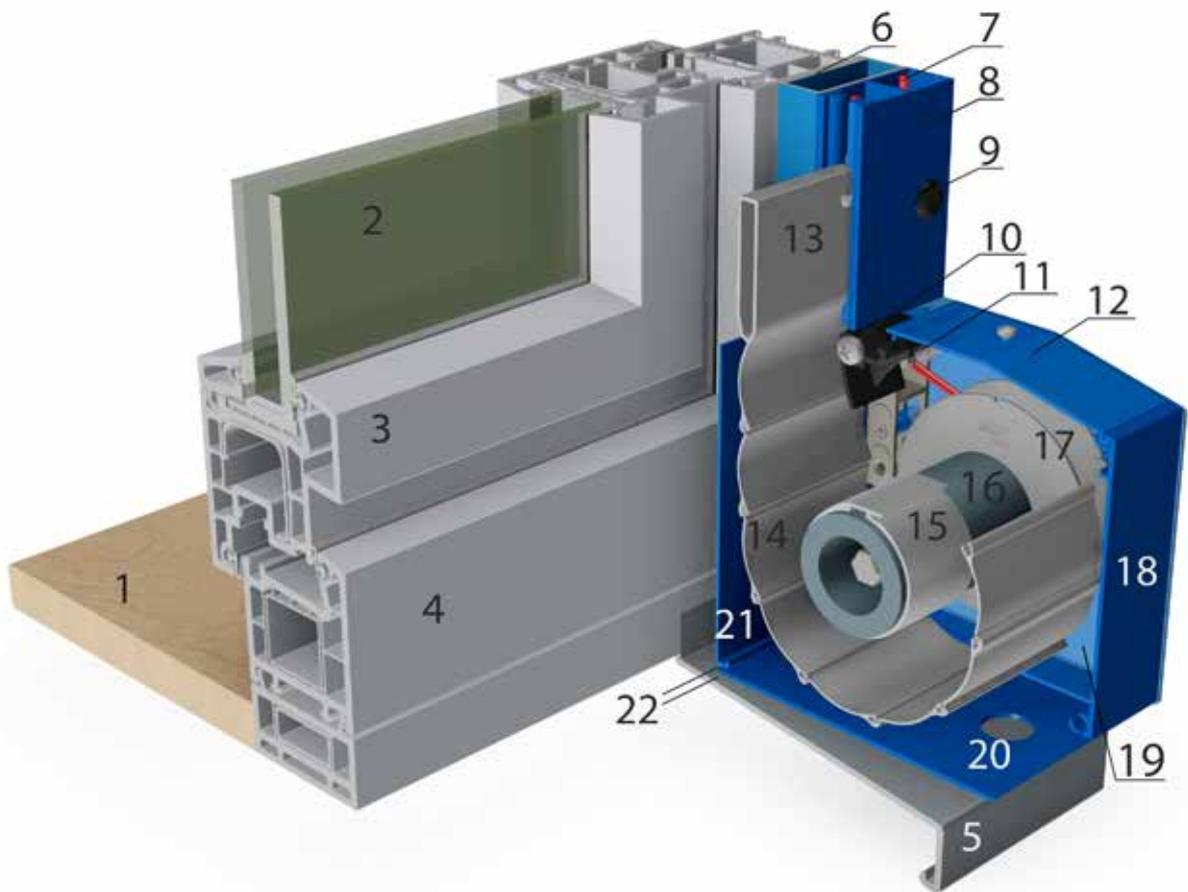
Typ S - Typ GU - Typ SI - Typ S



Typ S - Typ SI - Typ S



Typ S - Typ G - Typ G - Typ S



- | | | | |
|----|--------------------------|----|-----------------------|
| 1 | Window sill | 12 | Inspection flap |
| 2 | Glass pane | 13 | End slat |
| 3 | Casement | 14 | Roller shutter |
| 4 | Window frame | 15 | Shutter shaft |
| 5 | Window ledge | 16 | Axle cap |
| 6 | Sub-structure (optional) | 17 | Cable sheave |
| 7 | Traction cable | 18 | Shutter box |
| 8 | Guide track | 19 | Side element |
| 9 | Cover cap | 20 | Water drain bores |
| 10 | Inlet funnel | 21 | Back cover (optional) |
| 11 | Guide pulley | 22 | Drain gap |

Set-up

Motors:

Torque:	8, 12, 20, 30, 40 Nm
Speed:	12 min ⁻¹
Type of current:	1 ph alternating current
Voltage:	230 V / 50Hz
Current consumption:	0,8 A
Power:	184 Watt
Duty cycle:	ca. 5 min.

Cable pulley under the cover



Cable pulley in the track



Integrated motor drive unit

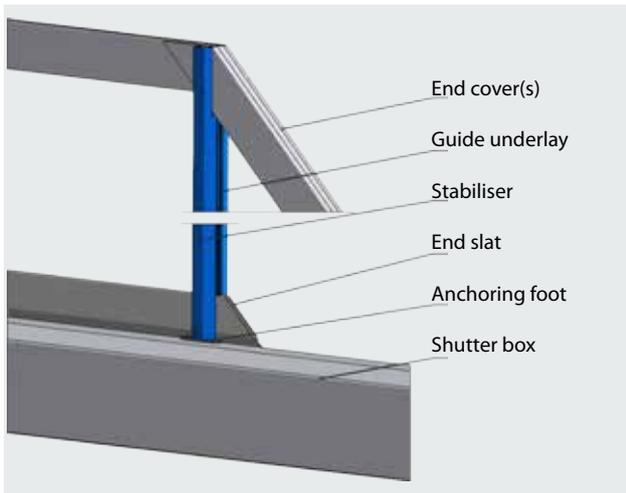


Integrated cable sheave

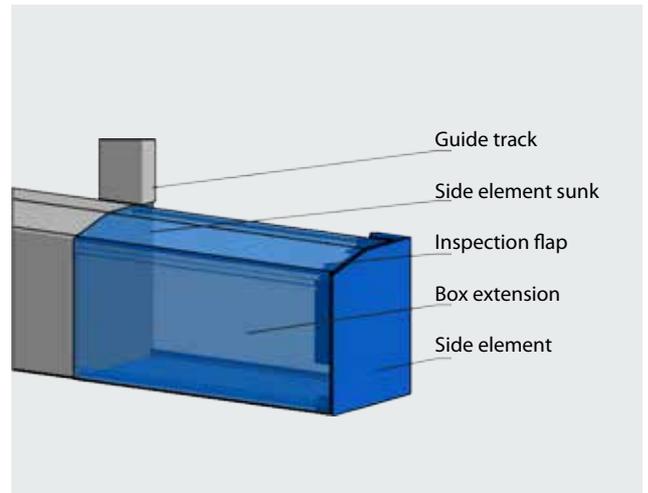


Variations

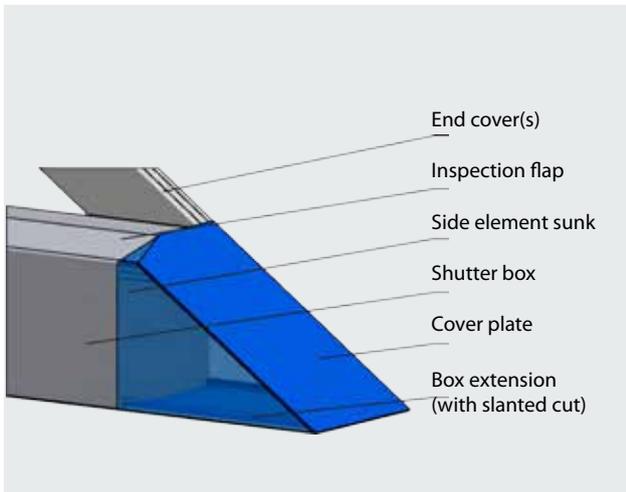
Studio Star Stabiliser



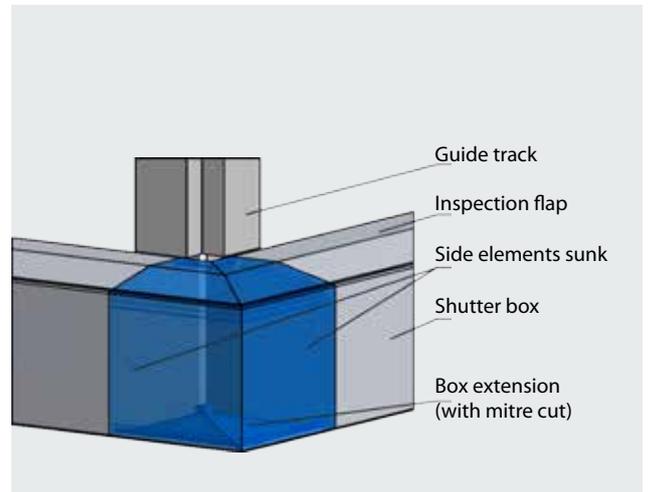
Studio Star Box extension



Studio Star Slanted box end

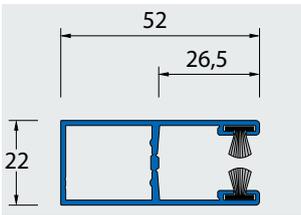


Studio Star Mitre cut

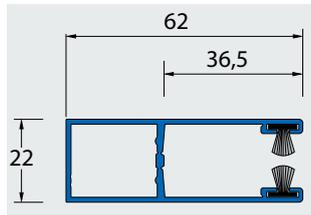


Profiles

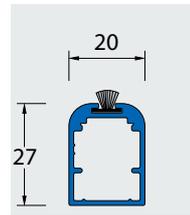
Guide track 52



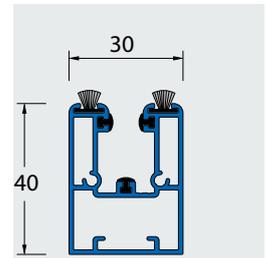
Guide track 62



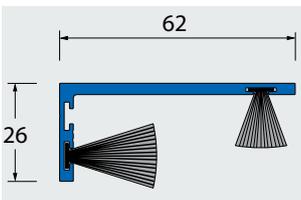
Stabiliser



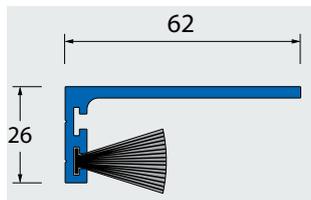
Guide stabiliser



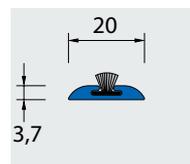
End cover 60



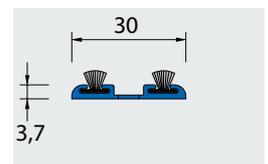
End cover model R / SR



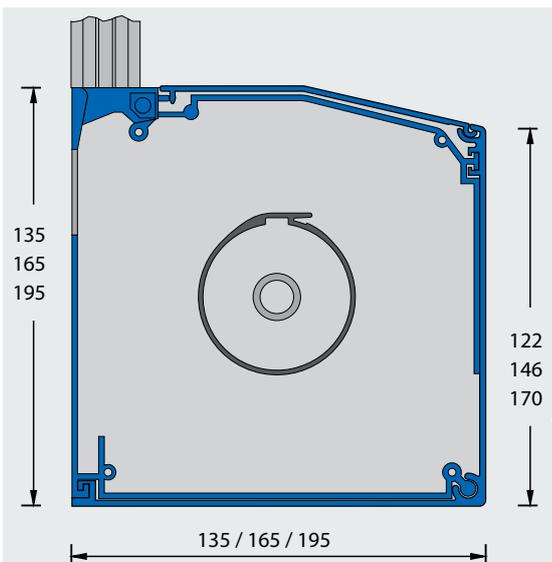
Guide underlay



Double guide underlay



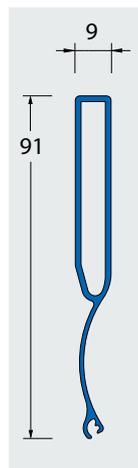
Shutter box dimensions



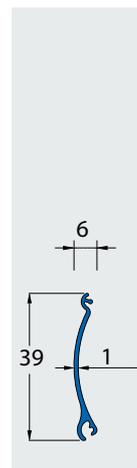
Studio Star slanted shutters
Box dimensions

Shutter height	Shutter box
2100 mm	box size 135 mm x 135 mm
3500 mm	box size 165 mm x 165 mm
5000 mm	box size 195 mm x 195 mm

End slat



Slat



Select profile (press cut 2 mm)

Light permeability on Select profiles	
Shutter set-up	Aperture
every slat as Select	~ 8 % of surface
every 2nd slat as Select	~ 4 % of surface
every 3rd slat as Select	~ 3 % of surface
every 4th slat as Select	~ 2 % of surface

Please note!

The dimensions indicated are the respective maximum values. The requisite installation size of the box, however, depends on various factors, such as the coating on the shutter, shutter width and/or shutter geometry, etc. You can obtain the information pertinent for your object upon request.

CE

Schanz Rollladensysteme GmbH -
Forchenbusch 9 - D-72226 Simmersfeld

11
EN 13659

Abschlüsse - Verwendung nur im
Außenbereich

Windwiderstand: Siehe Tabelle in
Gebrauchsanleitung



DG



min. 900 mm
max. 5000 mm



min. 500 mm
max. 4000 mm

DGU



min. 900 mm
max. 5500 mm



min. 500 mm
max. 4800 mm



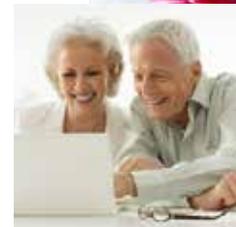
DG/DGU

From greenhouse to green living room

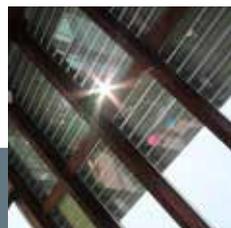
An increasing number of people yearn to live among nature the whole year through and intensively experience seasonal change. That is the reason why winter gardens are enjoying constant growth in their popularity. Even the Romans used glass building for cultivating plants. During Colonialism, this development was accelerated even further, for more and more tropical plants and fruits were making their way to Central Europe. By the mid -17th Century, manors were ornamented with representative orangeries. They gradually developed from pure exhibition spaces for plants into venues for convivial gatherings.

Eventually, the energy crisis of the 70s helped winter gardens to achieve new levels of glory and their permanent breakthrough.

Today, many people continue to use a glass structure to draw the sun's warm energy into their home, thereby creating a great deal of quality of life. Not only are winter gardens on the sunny side of a building, these Gardens of Eden under glass are also the showpiece of a property. Green living rooms are great for releasing stress from the daily grind and filling up with new energy.



An oasis of regeneration, you've earned it.



Adept interplay of light and shade



Wiga Star, the very best solar protection for living comfort, cosiness, safety, light and shade



DGS



min. 900 mm
max. 5000 mm



min. 500 mm
max. 4000 mm

DGSU



min. 900 mm
max. 5500 mm



min. 500 mm
max. 4800 mm



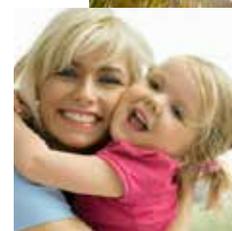
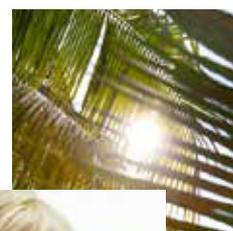
DGS/DGSU

First-class climate under glass

Temperature, light and moisture:

These three factors are key for successful planting of a winter garden. However, the needs of green plants vary greatly. While some thrive particularly well under tropical conditions, others fare better in cooler temperatures and shade. Be it fuchsia, lavender, orchid, banana tree or cactus, modifying the climate in a winter garden to match the needs of flora is no problem when you have the right solar protection.

Since the large amounts of glass allow enormous amounts of sunlight to pass through, temperatures under the glass roof rise well above desirable levels during summer months. While trees and shrubs hardly provide shade for all glass surfaces under the sun's changing positions, exterior roller shutters reflect sunlight even before it hits the glass. Our shutter systems dampen the sun's thermal energy, turning your glass palace into a green oasis for humans and plants alike.



Skilled craftsmanship, many years of experience and attention to detail characterise our solutions



A place under the sun, cool shade suffused with light, exactly the way you want it



Your plants thrive and you, your furniture and textiles are protected against UV rays and heat



DS



min. 900 mm
max. 1700 mm



min. 500 mm
max. 3600 mm

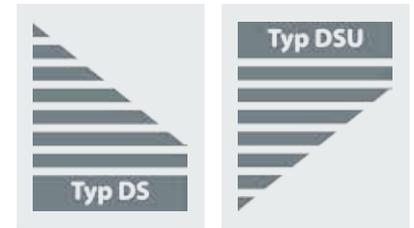
DSU



min. 900 mm
max. 1500 mm



min. 500 mm
max. 4000 mm

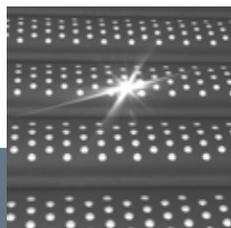


DS/DSU

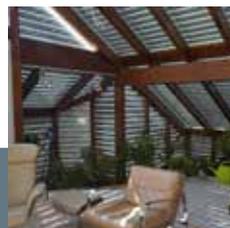
Lab-tested solar protection

What feels good under an open sky can quickly turn into real anguish under a glass roof. Without the right solar protection in the right place, a winter garden quickly turns into a greenhouse in the summer. Without proper protection measures, temperatures in a winter garden can easily reach 40°C - 70°C during times of heavy sunlight. Those kinds of temperatures are unbearable even for tropical plants. However, roller shutters are perfect allies in the battle against summer heat, for they reflect incoming solar rays even before they can penetrate glass panes and heat up a winter garden with their thermal energy.

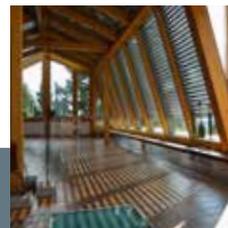
This means you won't start sweating under the glass structure and can enjoy a great holiday feeling right in your own home. Having a winter garden won't increase your quality of life until you have a suitable solar protection system. It's the only way to combine living space with nature in a truly comfortable manner. In order to demonstrate this protective, comfort-increasing effect of our aluminium roller shutters, we had temperature tests performed by an independent testing institution - with truly impressive results. You can read more about the procedure used at the Testing Centre for Building Elements in Rosenheim on page 35. [Prüfzentrum für Bauelemente]



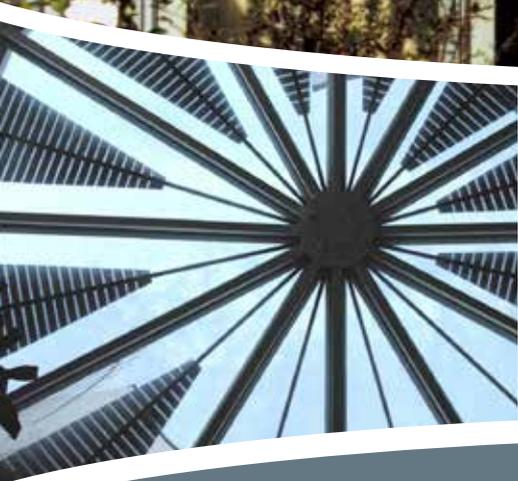
Controlled light incidence and a highly reflective surface impede heat from rising



„Now I can turn off my air conditioner“, one energy-conscious client proudly proclaims



In every position chosen, Wiga Star delivers an impressive interplay between light and shade



DSI



min. 900 mm
max. 5000 mm



DSIU

min. 900 mm
max. 5500 mm



DSIG

min. 900 mm
max. 5000 mm



DSIGU

min. 900 mm
max. 5500 mm



min. 500 mm
max. 4000 mm



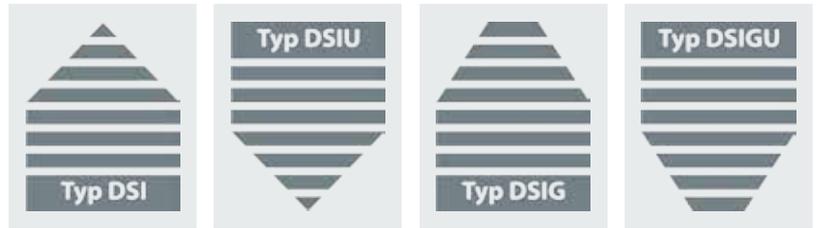
min. 500 mm
max. 4800 mm



min. 500 mm
max. 4000 mm



min. 500 mm
max. 4800 mm



DSI/DSIU/DSIG/DSIGU

Saving energy in a glass house

Watching dancing snowflakes from under a protective glass roof in the winter; observing budding nature from a comfortable seat in the spring; enjoying the majestically flourishing garden despite storm rains in the summer; and appreciating shimmering colours on the trees in autumn: a winter garden transports your living room directly out into the green.

However, the glass structure also bears the risk of becoming a costly energy guzzler. In order to use a winter garden in a manner true to its name in cold seasons as well, many home owners install heating.

But in order to stop costly heat from heading right out through the glass panes, the latter need to be protected against the threat of energy loss.

Exterior roller shutters use the Thermos principle. An insulating layer of air builds up between the glass pane and the closed roller shutter to retain heat in the winter garden. And that applies to more than just the warmth from the heater. The energy from the sun's rays that heat up the space under a glass roof throughout the day during a cold season can also supply an agreeable ambience on cold winter evenings with the help of shutters. In the hot summer months, conversely, roller shutters impede heat from penetrating into a winter garden, thereby sparing the use of an air conditioner and the horrendous energy costs associated with it. Our roller shutters turn your green living room into an energy-efficient structure that meets even modern standards.



Large, exposed glass panes let light pass through, and heat as well. With Wiga Star you'll have ..

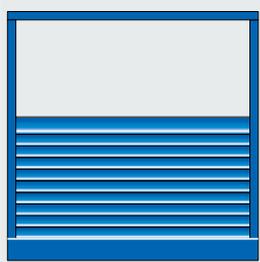


...the influence of light and shade, day or night, warmth or coolness, even...

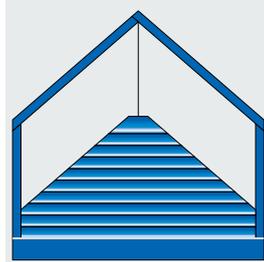


...everything that is part of a well-balanced indoor ambience -, in your hands

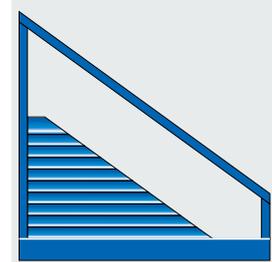
Shapes



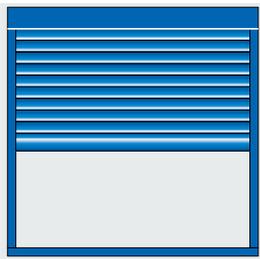
Typ DG
Roof + straight + box on bottom



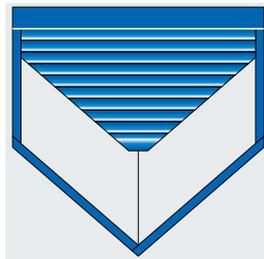
Typ DSI
Roof + point + box on bottom



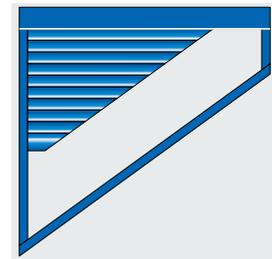
Typ DS
Roof + slant + box on bottom



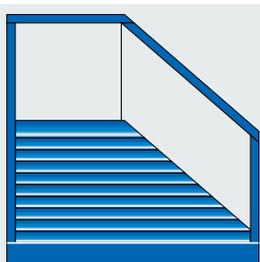
Typ DGU
Typ DG + reversed box



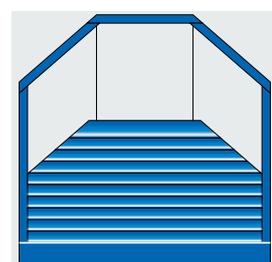
Typ DSIU
Typ DSI + reversed box



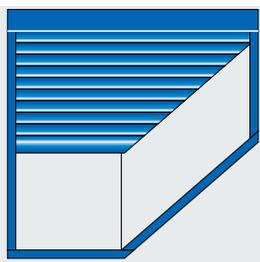
Typ DSU
Typ DS + reversed box



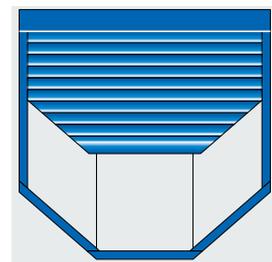
Typ DGS
Roof + straight + slant + box on bottom



Typ DSIG
Roof + point + straight + box on bottom



Typ DGSU
Typ DGS + reversed box

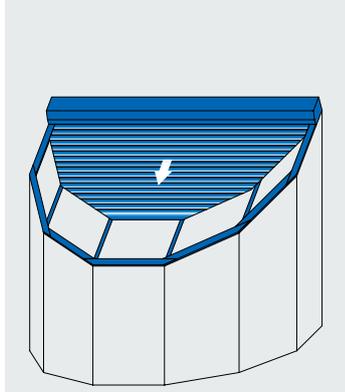


Typ DSIGU
Typ DSIG + reversed box

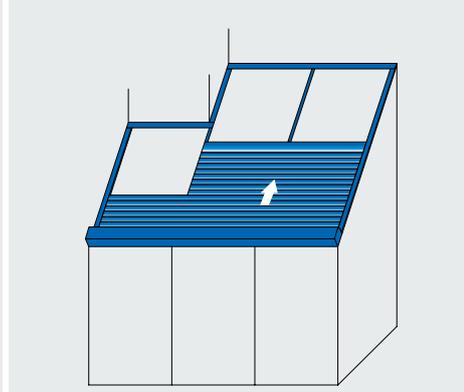
In general, the roller shutter runs from bottom to top with Studio Star and Wiga Star. Of course, they function just as well lowering from top (shutter box) to bottom. In this case, there will be an additional „U“ at the end of the model name. Example: Model „S“ becomes „SU“.

All Wiga Star roller shutters are marked with a D in front of the model name. The other model names are identical to those for Studio Star.

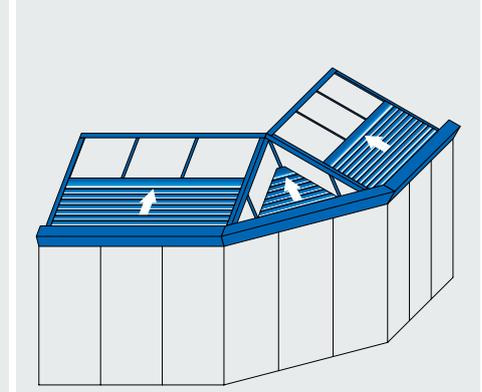
Combinations



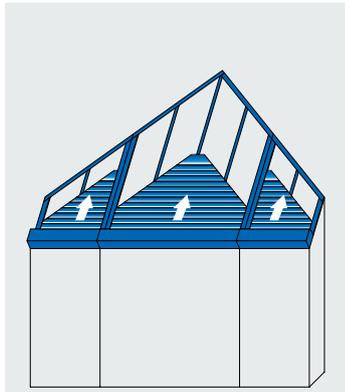
Typ DSIGU



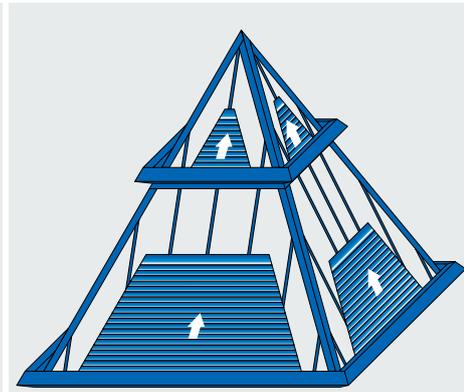
Typ DGH
(with square cut out for chimney)



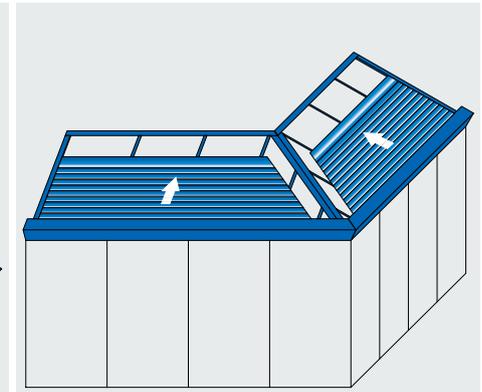
Typ DG - Typ DSI - Typ DG



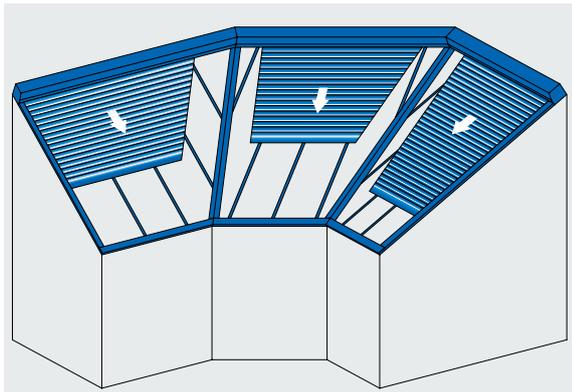
Typ DS - Typ DSI - Typ DS



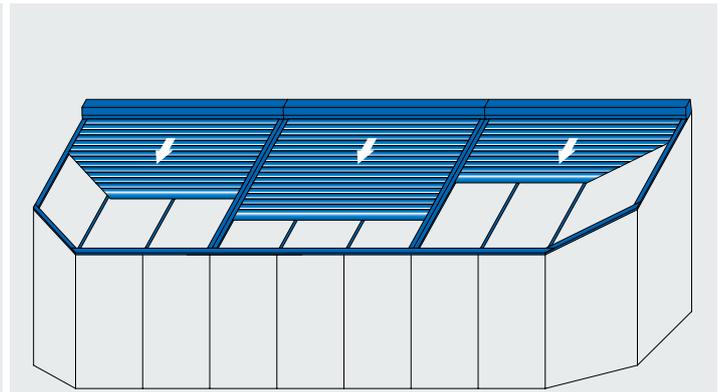
Typ DSI - Typ DSI
Typ DSIG - Typ DSIG



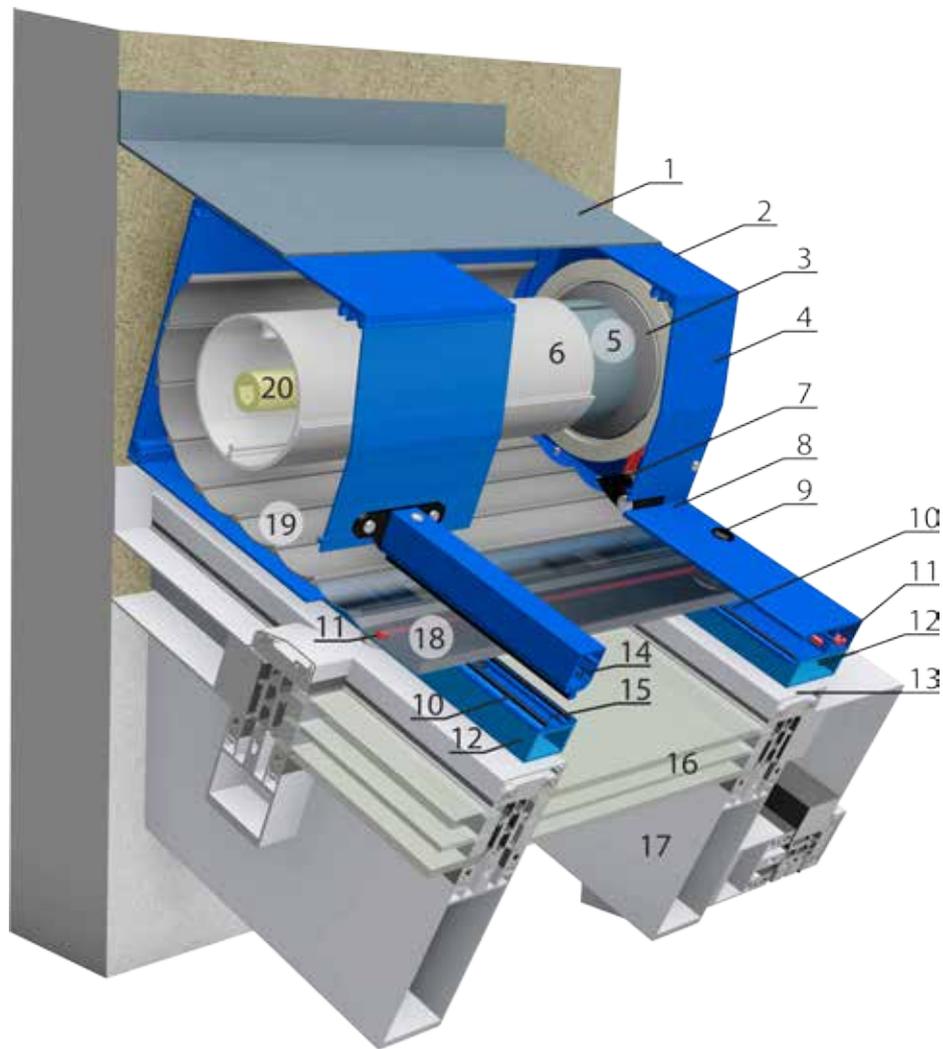
Typ DGS - Typ DGS



Typ DGSU - Typ DSIGU - Typ DGSU



Typ DGSU - Typ DGU - Typ DGSU



- | | | | |
|----|----------------------------------|----|-----------------------|
| 1 | Wall-connection plate (optional) | 11 | Traction cable |
| 2 | Shutter box | 12 | Sub-structure |
| 3 | Cable sheave | 13 | Glass cover profile |
| 4 | Inspection flap | 14 | Stabiliser |
| 5 | Axle cap | 15 | Double guide underlay |
| 6 | Shutter shaft | 16 | Glass pane |
| 7 | Cable roll | 17 | Rafter |
| 8 | Guide track | 18 | End slat |
| 9 | Cover cap | 19 | Shutter |
| 10 | Glide profile | 20 | Shutter shaft |

Set-up

Motors:

Torque:	55 Nm
Speed:	13 min ⁻¹
Type of current:	1 ph alternating current
Voltage:	230 V / 50Hz
Current consumption:	1,1 A
Power:	253 Watt
Duty cycle:	ca. 5 min.

Integrated motor

Integrated cable sheave

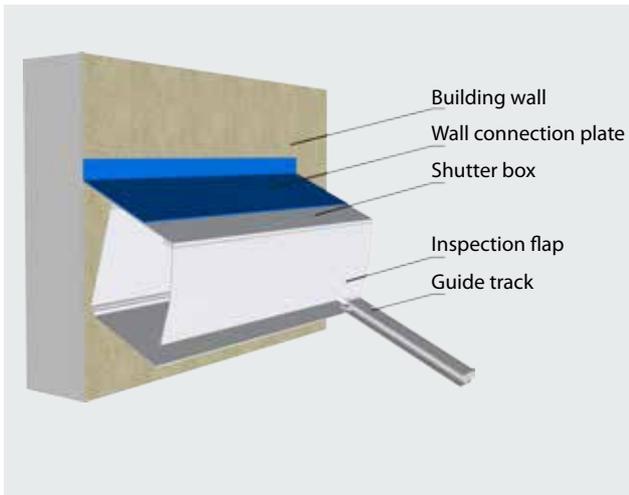


Cable pulley, single

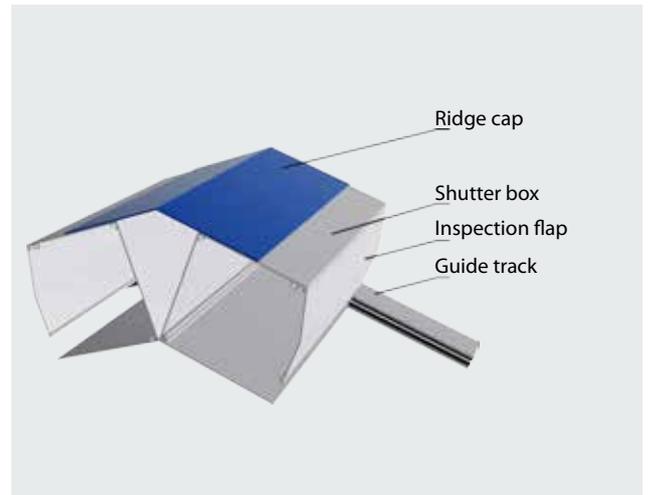
Cable pulley, double

Variations

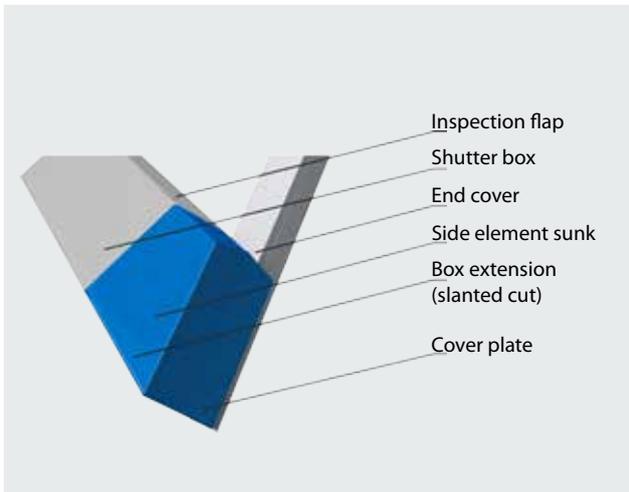
Wiga Star
Wall connection



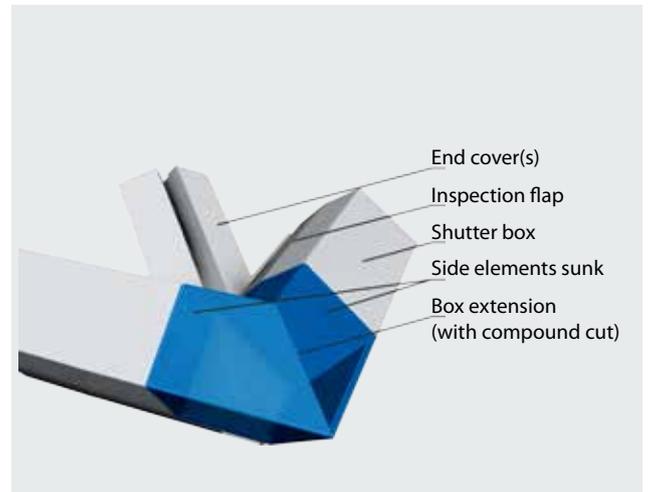
Wiga Star
Ridge cap



Wiga Star
Slanted box end

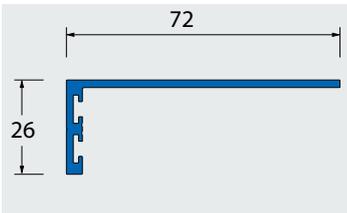


Wiga Star
Compound cut

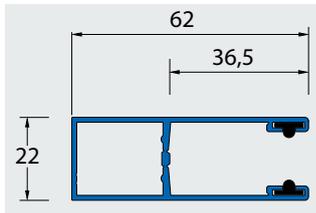


Profiles

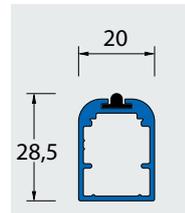
End cover 70



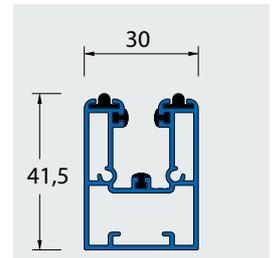
Guide track 62



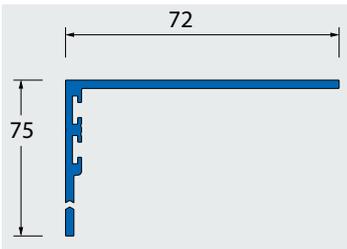
Stabiliser



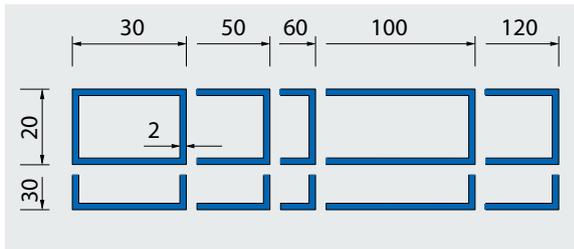
Guide stabiliser



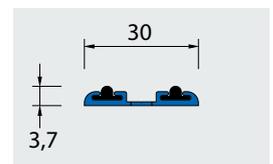
End cover 70 UK



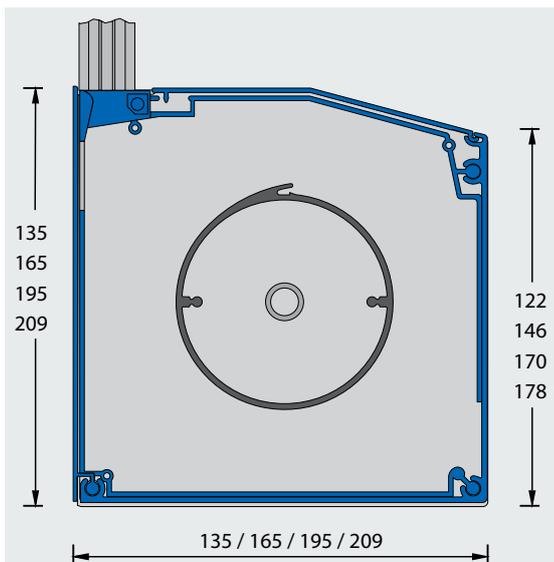
Aluminium tubes as sub-structures



Double guide underlay



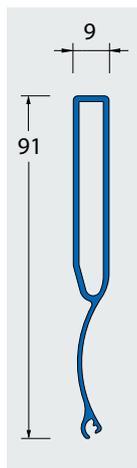
Shutter box dimensions



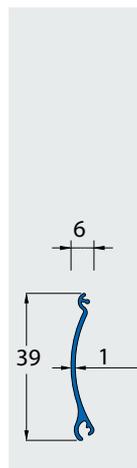
Wiga Star roller shutters, box size

Rolladenhöhe	Rolladenkasten
1800 mm	Kastengröße 135 mm x 135 mm
2800 mm	Kastengröße 165 mm x 165 mm
4800 mm	Kastengröße 195 mm x 195 mm
6000 mm	Kastengröße 209 mm x 209 mm

End slat



Slat



Select profile (press cut 2 mm)

Light permeability on Select profiles	
Shutter set-up	Aperture
every slat as Select	~ 8 % of surface
every 2nd slat as Select	~ 4 % of surface
every 3rd slat as Select	~ 3 % of surface
every 4th slat as Select	~ 2 % of surface

Please note!

The dimensions indicated are the respective maximum values. The requisite installation size of the box, however, depends on various factors, such as the coating on the shutter, shutter width and/or shutter geometry, etc. You can obtain the information pertinent for your object upon request.

Schanz Rollladensysteme GmbH -
Forchenbusch 9 - D-72226 Simmersfeld

11
EN 13659

Abschlüsse - Verwendung nur im Außenbereich

Windwiderstand: Siehe Tabelle in Gebrauchsanleitung



Studio Star / Wiga Star

What you should know

We are here for you

We are directly at your disposal throughout the entire German-speaking region and in some parts of neighbouring countries for consultation, installation and service. Need our shutter systems at a distant location abroad? In cases like these, we are happy to provide personalised consultation for planning, processing, delivery and instructions. It's also possible to receive personal support directly on-site.

The concept

Every Studio Star and Wiga Star is produced tailored to your specifications and requests.

Schanz's tailored roller shutters meet the needs of every situation, be it an old building or a new one, a town house villa, commercial building, administrative building or industrial structure, all variations of historical and modern architecture. You'll find the best solutions in mutual dialogue with our expert consultant and technicians. Retro-fitting is also easy, for our products were specifically designed for that purpose. The production department creates the unit according to precise measurements calculated on-site. The unit is then installed quickly, cleanly and professionally.

Materials

The protective box, guide tracks, end covers and roller shutter* in Studio Star and Wiga Star consist of extruded aluminium profiles.

* (shutter variations of model GU are made from roll-formed profiles stabilised using PU foam).

The standard shutter comes with a naturally anodised surface. The protective box, guide profiles and miscellaneous frame elements are powder coated. Here, you can select from among 4 standard colours:

White aluminium (RAL 9006)

Traffic white (RAL 9016)

Black brown (RAL 8022)

Anthracite (structure coating ~ DB703)

However, our specifically tailored production makes it possible to have the coating of your choice in practically any colour.

Technology

Wiga Star roller shutters generally move via motor.

Studio Star roller shutters, with the exception of model SO, can also be moved manually. Sophisticated motor systems with reliable technology and high quality special tubular motors produced in Germany guarantee reliable operation. Electronic and/or mechanical guard equipment monitor the roller shutter's movement in order to prevent damage in the event of blockage in the shutter.

When there is humidity at temperatures around or below freezing, it is possible for the shutter's closely jointed profiles to collect ice or freeze due to the laws of nature. In these cases, your shutter is not ready for use, or may only be usable to a limited extent. You can learn more in the operation manual.



NEW

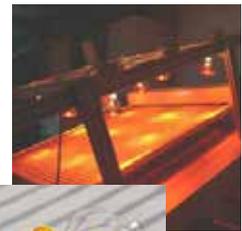
Aluminium shutters are now temperature tested

Our company's shutters will always guarantee you experience a pleasant atmosphere in your winter garden. Our intelligent shading systems passed, without exception, the temperature tests carried out in autumn 2009 by the experienced experts at the Testing Centre for Building Elements in Rosenheim [Prüfzentrum für Bauelemente]. The testing process exposed a glass pane to intense radiation for several hours and measured how temperature developed behind the pane. This was designed to emulate the atmosphere in a winter garden. The results collected were highly insightful. If a winter garden has the comfortable temperature of 20°C and is then exposed to the sun for an entire day - without protection from shutters -, then a sweltering heat of 38°C will develop. On hot summer days, the temperatures inside a glass structure may even reach significantly higher levels. That constitutes a rather impressive temperature increase of over 90 per cent.

Schanz shutters impede this unpleasant temperature increase, delivering a pleasant feeling of comfort even on hot summer days. For despite direct sunshine over the course of an entire day, the temperature in a winter garden with a shutter (full profile) from our company remains an agreeable 22°C.

Even when every third slat on a Schanz shutter is a light-permeable Select profile (light track), the winter garden stays comfortable: temperatures only reach 22.5°C over the course of the day. That represents an increase of only ten percent. The innovative Select light tracks allow daylight to enter a room without the atmosphere inside becoming insufferable.

Thus, - as scientific testing has demonstrated - our intelligent roller shutters protect against excessive heat developing in winter gardens as well as in living spaces behind window panes.







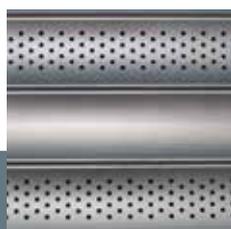
Select Profile

It's like living under shade from leaves

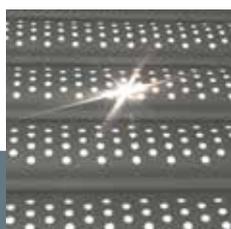
Enjoying a living room comparable to sitting under the subtle shade of trees? With Select light tracks, you can magically create this special atmosphere in your living spaces. This intelligent advancement consists of the well-known slat profile. The highlight here, however, is its robust sieve-like structure, allowing gently controlled, pleasant, clear and natural sunlight to flow. You can determine how much light passes through yourself by establishing the number and pattern of light tracks based on your personal wishes and preferences. The surface on the roller shutters can be anodised, or coated with your personal favourite colour. The modern slat structure also scores points with excellent ventilation.

Even when the roller shutter is closed, sufficient fresh air will still pass through the open window. Pests and bugs don't have even the slightest chance at making their way through the profiles into living spaces*. This makes it possible to enjoy mild summer evenings fully unperturbed with subtle lighting. Those who are interested in doing so can also combine full profile shutters with Select profiles. A full profile provides nearly complete darkening of a room, reflecting up to 90% of sunlight. A Select profile also provides effective thermal protection, yet generates pleasant scattered light such that you can confidently leave artificial light sources turned off on hot summer days.

*(not 100% insect protection!)



Select light tracks, fine perforation and free selection of number and distribution make this innovation stand out



We won't leave you in the dark...



... unless that's what you want





Climate control and Protection tailored to your needs!

schanz 
Rollladensysteme





Climate control and Protection tailored to your needs!

schanz 
Rollladensysteme





Climate control and Protection tailored to your needs!

schanz 
Rollladensysteme

Climate control and protection Tailored to your needs!

Extraordinary roller shutter systems.

Sunshine, balmy air and relaxing in the shade with a good book. It's a fantastic feeling to relax in the comfort of your own home while the unbearable summer heat remains outside.

However, Schanz's solar protection systems can do so much more than provide effective shade. Their elegant aesthetics set decorative accents, and they protect against noise, storms, loss of energy, burglary and nosy neighbours.

Thanks to competent consultation, we are able to develop solutions specifically tailored to our customers. With comprehensive service, our specialists are always at your side from conceptualisation to installation.

Come and meet us, with no strings attached, at one of the trade shows we attend. We'll be happy to cover your admission costs, simply ask us about it during the consultation!



Welcome to Schanz!

www.schanz.com

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schanz
Rollladensysteme