Q.bus® pergola systems

Perfect protection from all sides



Nova Hüppe GmbH
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Q.bus® – the all-round flexible shading

The Q.bus® shading system offers a wide range of solutions as freestanding or special awnings mounted on the façade – something that was not possible with the systems up until now. The highest design standards geared towards modern architecture, the most flexible scope of design and a unique, patented lowering mechanism for shading characterise this product.

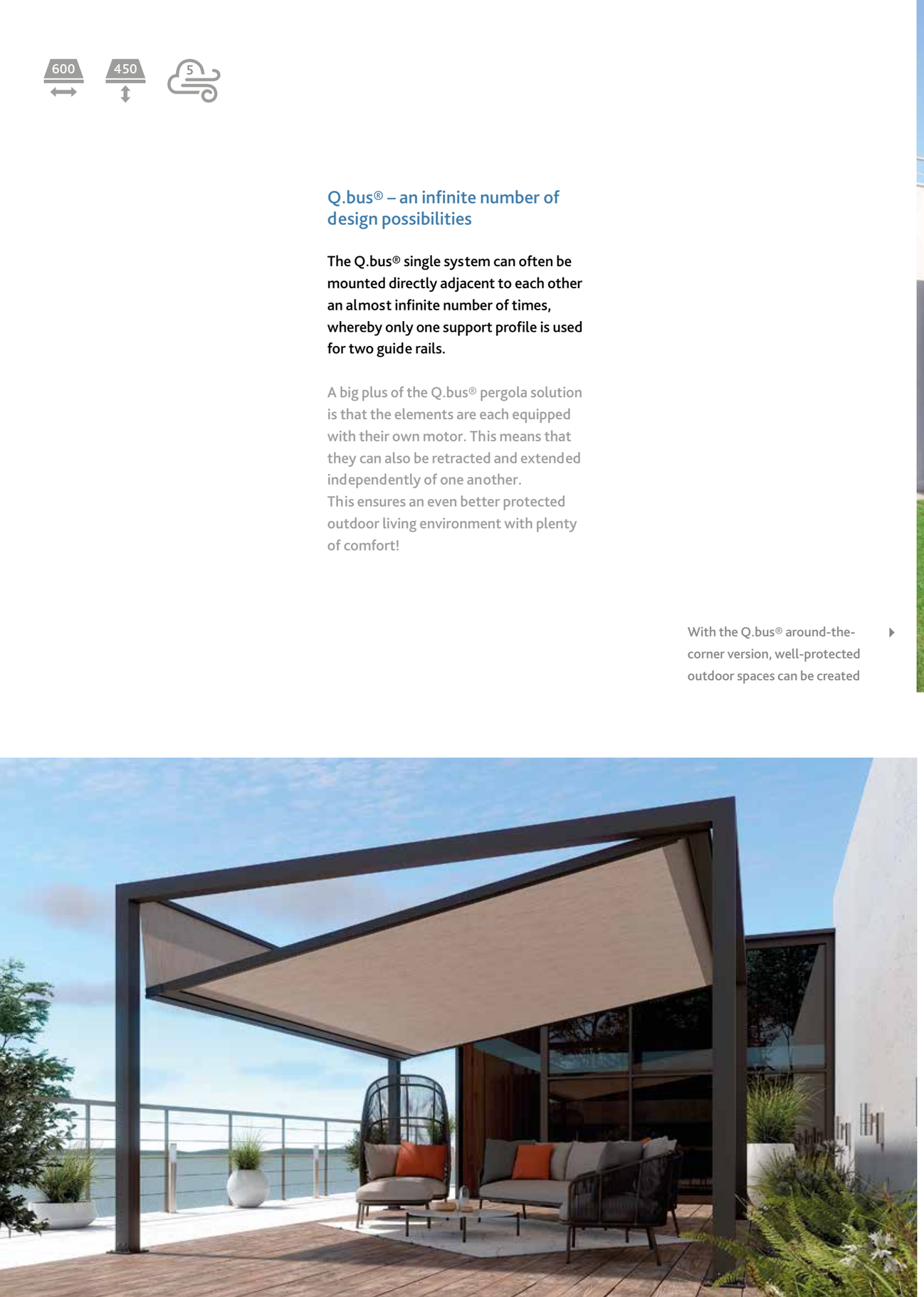
A specially developed version of our tried-and-tested counter-tension system provides effective horizontal shading. The proven torsion spring principle, in combination with a Kevlar-reinforced belt, ensures optimum fabric tension and long-lasting high load resistance. The vertical awning at the front is protected by a cassette integrated into the Q.bus® system and is directly connected to the counter-tension system via the front profile, creating one complete unit.

The patented lowering mechanism allows the front vertical awning to be lowered by up to 1.40 metres, depending on the fabric quality, while simultaneously lowering the horizontal awning. This means you can freely choose between a “classic”, slightly inclined awning position and a completely horizontal fabric adjustment.

Fig. Q.bus®SZ pergola system

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Q.bus® – an infinite number of design possibilities

The Q.bus® single system can often be mounted directly adjacent to each other an almost infinite number of times, whereby only one support profile is used for two guide rails.

A big plus of the Q.bus® pergola solution is that the elements are each equipped with their own motor. This means that they can also be retracted and extended independently of one another.
This ensures an even better protected outdoor living environment with plenty of comfort!



With the Q.bus® around-the-corner version, well-protected outdoor spaces can be created

Q.bus® – the terrace awning as a second living room

The Q.bus® also opens up completely new dimensions as a terrace awning: For example, the system can be mounted directly on the house façade and can also be designed as a "cross-corner version".

Both shading systems are driven by their own electric motors so that the vertical and horizontal awnings can of course also be retracted and extended independently of one another.





Q.bus® – the freestanding pergola awning

The Q.bus® can be designed as a completely freestanding system with four posts. This basic version can be expanded an almost infinite number of times with further Q.bus® systems to create the largest possible shading systems for playgrounds, for example.

With its stability and large-area awnings, which are optimally protected when retracted, the product represents a practical alternative to parasols and pavilions.

Q.bus® – independent of the wall and façade

With the additional rear posts, the Q.bus® can be the perfect system if, for example, a thermal insulation composite system does not allow a conventional awning to be mounted on the house wall. This means that the pergola solution can find its place in almost any location.



600 450 5

Q.bus® – the textile conservatory

In addition to its modern architectural look, the Q.bus® system can be extended to create a kind of textile conservatory.

Due to the rectangular side and front areas, additional vertical systems can be mounted here, which as lateral seamguided awnings (SZ systems) are a perfect complement to the horizontal shading. This creates the possibility of a textile "living space" that is almost fully enclosed, ensuring a significantly extended daily and seasonal life cycle.

While acrylic cloth from an appropriate extensive fabric collection is usually used in the roof area, the use of Twilight Pearl fabric is suitable for the side awnings as this allows a certain transparency even when the awning is extended and therefore ideally underpins the character of the "textile conservatory".



Mike Adriaans Gardening and Landscaping, Aalen | Photo: Harald Habermann ©



An oasis of well-being: The Solaroll SZ vertical awning with transparent fabric turns the Q.bus® into a textile conservatory



Additional vertical systems can be integrated into the side and front areas



The ZIP technology ensures maximum stability and durability

Q.bus® SZ – with ZIP technology

With the Q.bus® equipped with the lateral seam-guided canopy of the horizontal awning, this perfects the idea of a terrace awning as a "textile conservatory".

In addition to the appropriately high fabric tension, the lateral seam guidance provides a "complete image" of the awning canopy and therefore conveys a pleasant sense of space. This ZIP technology also prevents the fluttering of a side seam, which is unavoidable when there is a light breeze.

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Fig. Q.bus®SZ pergola system



The ideal alternative to a parasol – especially for large outdoor areas. The vertical awning is also ideal for adding branding or signage

600 450 5

Q.bus® – The versatile solution for inviting outdoor spaces

One of its key advantages: the Q.bus® is designed for year-round use, providing an attractive outdoor space in every season. Even during light to moderate rain, it can be used comfortably under supervision.

For even greater protection and comfort, the Q.bus® can be equipped with vertical and side awnings, which can be fitted flexibly to the front and sides. This creates a sheltered outdoor area that can be used in a wide variety of ways.

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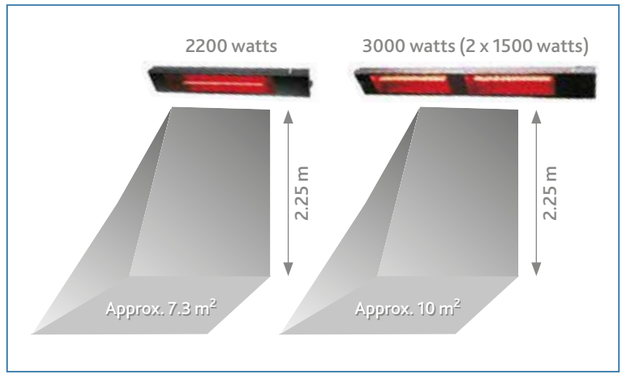
Added value – heat and light for your Q.bus®

In order to enjoy a pleasant time in the open-air room in the evening, the Q.bus® can be equipped with heating and light sources (see next page).

Relax Glass io IP65 infrared radiant heater

The infrared radiant heater is compatible with the Somfy io-homecontrol® radio control and Somfy radio transmitters. It is greatly light-reduced and available with a Schott Nextrema® black or white glass ceramic front. Optionally available in a 2200 or 3000 watt version.





Heated areas with the Relax Glass io IP65 infrared radiant heater

Features	Relax Glass io IP65 infrared radiant heater
Power	2200 watts or 3000 watts
Heat levels	33% | 66% | 100% (Fig. Level 2)
Protection class	IP65, waterproof
Equipment	With an on/off switch on the device
Housing	Black anodised aluminium (silver with a white glass ceramic front)
Power connection	L/N/PE - 230 V-50 Hz / grounded safety plug







NovaLight transforms the Q.bus® into an inviting outdoor living space even after dark. The integrated warm white LED strips provide pleasant illumination and can be continuously dimmed via io radio control

With up to six **LED spotlights** integrated into the support profiles, the lighting conditions can be precisely adjusted to suit individual needs. The io wireless receiver is housed safely within a patented, fully integrated unit inside the fabric roller

Extend outdoor enjoyment into the evening

For comfortable use after dark, the Q.bus® pergola system from Nova Hüppe can be equipped with a choice of lighting systems.

In addition to the existing option of up to six **LED spotlights** integrated into the support profiles, the **NovaLight** lighting system transforms the Q.bus® into an inviting outdoor living space long after sunset.

Integrated into the guide rails of the main awning, the warm white LED strips (3000 K) create a pleasant, welcoming ambience.

Both lighting systems are conveniently operated via io radio control and offer continuously adjustable dimming, allowing the light level to be tailored to individual requirements.







Lunetta: sliding wooden elements – For a unique outdoor ambience

The Lunetta sliding wooden elements are the perfect addition to Nova Hüppe pergola systems, creating a particularly pleasant atmosphere in outdoor areas.

The wooden slats, which are firmly mounted within the frame, provide privacy while allowing light and air to enter beneath the pergola systems. This creates beautiful shading effects and a comfortable climate under the outdoor living space.

The FSC-certified wooden slats are available in antique or oiled finishes. The powder-coated aluminium profiles are available in the standard colours Anthracite Structure (colour 61), Anthracite Grey (RAL 7016 FS) and Grey Aluminium (RAL 9007 FS). Custom RAL colours are also available without difficulty.

Stable guide rails ensure long-term, reliable use of the individually movable elements. The simple installation process also allows the elements to be retrofitted at a later date. The sliding wooden elements are available with heights of up to 3 metres and panel widths of up to 1.10 metres.

Oiled timber slat Antique-finish timber slat



Whether as a stylish feature, room divider or partition – Lunetta is the perfect choice



NovaGlas: sliding glass elements for unobstructed views

The NovaGlas sliding glass elements provide exceptional comfort on the patio. The Q.bus® and clima Q.bus XL pergola systems can be optionally enhanced with these elements, creating a space similar to an unheated conservatory.

With the sliding glass elements, you are always optimally protected from wind and rain while still remaining close to nature. When the additional protection is not required in good weather, the elements can simply be pushed to the side – opening the way to the outdoors.

The NovaGlas sliding glass elements are always unique, as they are custom-made precisely for the Q.bus® and clima Q.bus XL and supplied pre-assembled.

With an overall height of up to 245 centimetres and widths of up to 600 centimetres, a generous, additionally protected outdoor living space is created. The powder-coated aluminium profiles are available in the respective standard product colours and blend perfectly into the overall solution.



NovaTop | NovaTop SZ – The perfect pergola awning

The pergola awning impresses with its appearance as much as with its technical sophistication and provides reliable protection against excessive sunlight and light rain.

The solution is based on the Trend 550 from Nova Hüppe. The slim profiles of the NovaTop ensure that it blends discreetly and elegantly into outdoor areas. With widths of up to 6 metres and a projection of up to 5.5 metres, the NovaTop creates well-protected outdoor spaces with an impressive total shading area of 33 square metres.

A special highlight of the NovaTop is that it can be equipped with a **height-adjustable post**.

This means that, as a double-unit system, it can be used to create roof solutions for outdoor areas – making it particularly suitable for applications in the hospitality sector.

The NovaTop is also available with a side-seam guidance system in the **SZ version.**



A highlight of the NovaTop is the optional height-adjustable support post

Product overview

	Width (mm)			Projection | Height (mm)			Drive		Mounting		Equipment	Avail. product combinations		
Typ	Min.	Max.	Max. when coupled together	Min.	Max.	Max. when coupled together	Motor	Radio motor RTS / iO	Freestanding	Wall mounting	NovaLight (Integrated lighting system)	Solaroll SZ 11 | Solaroll SZ 15	NovaGlas Sliding glass panels	Lunetta Sliding wooden panels
Q.bus®	1750	6000	–	2000	4500	–	•	+	•	•	+	+	+	+
Q.bus® SZ	1750	6000	–	2000	4500	–	•	+	•	•	+	+	+	+
NovaTop	1430	6000	12000	1400	5500	5500	•	+	–	•	–	–	–	–
NovaTop SZ	1430	6000	12000	1400	5500	5500	•	+	–	•	–	–	–	–

Please note that not all size combinations are feasible and size restrictions are possible depending on the fabric quality.

• Standard + For a surcharge – not possible

Frame colours Q.bus® | NovaTop | NovaTop SZ

Anthracite texture (colour 61) | White aluminium (RAL 9006 FS) | Traffic white (RAL 9016) | Anthracite grey (RAL 7016 FS) | Grey aluminium (RAL 9007 FS) | All RAL colours (surcharge)



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Sun shading systems

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Explanation of the pictograms:



Maximum width | Maximum depth | Wind force (Beaufort scale) | LED lighting | Infrared radiant heater

Twilight recommended – use in a vertical direction:
Summer thermal insulation. Anti-glare protection. View to the outside. Dimensionally stable.

Smart home ready - prepared for the Somfy TaHoma® Switch smart home system

Colour, material and technology are subject to change without notice. 0714.11.0027 (0,2/08.26) FA.