



Micro Systems

- Micro 100
- Micro 150
- Micro 300
- Micro 860
- Micro 1060
- Micro 2020
- Micro 4000

Façade awnings



Just
enjoy life!

Lewens
MARKISEN





Versatile to meet every requirement

Lewens' Micro systems comprise a wide range of awning models for windows and facades as well as vertical privacy screens and sunshades for use on glass roofs. Each individual awning model has an unmistakable design and offers the ultimate in functionality. The development of models and equipment options has been inspired both by current trends and by the wishes and suggestions of specialist dealers and customers.

Based in Ludwigslust, Lewens has been manufacturing high-quality awning and glass roof systems for over 20 years. These range from simple to complex to meet every requirement and are always accurate to the centimetre. Lewens' production is a fully integrated operation - from the design and making up of the fabric to assembly – situated on a site covering over 30000 m². High-grade materials, well thought-out design and precision in cutting and parts production, together with computer-aided automation in the manufacturing process, form the basis for products with a high level of functional reliability.

Consultancy and sales are entrusted to competent retailers, along with installation and on-site servicing. This creates proximity to the customer and ensures optimal service, so that our customers can just enjoy life!



Quality "made in Germany":

*all awnings and glass roofs from Lewens
are manufactured in Germany.*

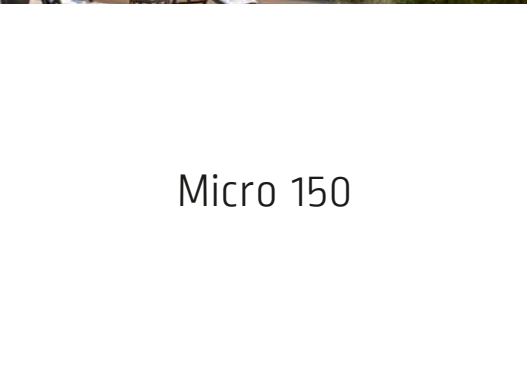


Just
enjoy life!





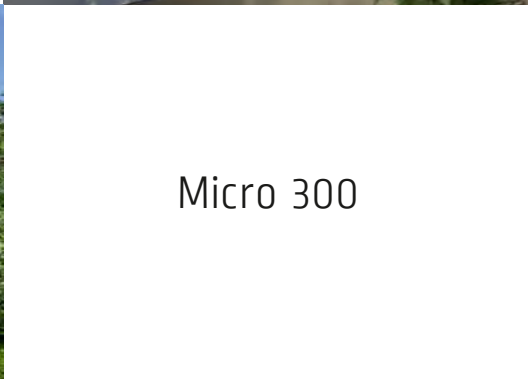
Micro 100



Micro 150



Micro 300



Micro 860/1060



Micro 2020



Micro 4000



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Micro 100 – drop-arm awning

Airy sunshade with a view



Drop-arm awning

The pitch angle of this awning varies according to its extended position, creating a flexible sunshade for windows and balconies.



- Width max. 700 cm, drop max. 175 cm
- Cassette flush with wall
- Electric motor
- Awning fabric: acrylic *(standard)*, polyester *(option)*
- Options: radio motor/radio remote control, automatic weather sensor

90° type

With a pitch angle of up to 90°, the Micro 100 creates optimal shade inside while affording a view of the outside.



135° type

Virtually a vertical awning: with a pitch angle of up to 135°, the Micro 100 turns into a close-fitting window blind.



The Micro 100 drop-arm awning was designed especially for windows and balconies. It offers flexible protection from the sun and heat while providing ventilation as well as a view of the outside. It also provides shade and protection for window boxes. Available optionally with a pitch angle of up to 90° or 135°.

Optimal protection for fabric and mechanism:
cassette height of just 13 cm.



High-grade spring technology
for perfect fabric tensioning in any extended position.





For balcony and loggia

- Width max. 350 cm, height max. 300 cm *(including posts)*
- Crank drive
- Awning fabric: acrylic *(standard)*, polyester *(option)*
- Options: Electric motor, radio motor/ radio remote control, automatic weather sensor

Ideal solution for rented apartments: the Micro 150 clamping awning

Micro 150 – clamping awning

Perfect sunshade for balcony and loggia



Doubly secure

The Micro 150 is clamped easily between floor and ceiling using clamping posts. A lock screw offers additional holding power.

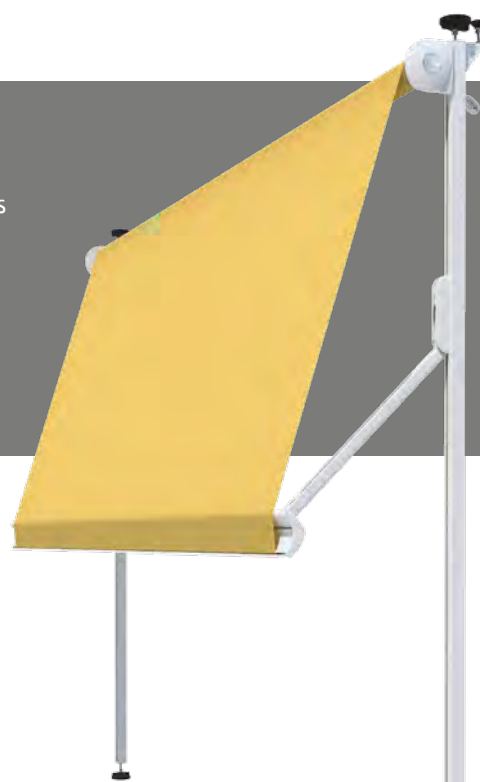
*When closed, the front profile of the awning has almost the **appearance of a cassette**.*





Whether for a small patio, loggia or balcony, the Micro 150 always looks smart and stylish, blending harmoniously into the façade.

Fitting folding arm awnings is often a problem with rented apartments, as drill holes and heavy wall plugs in the external walls may not be permitted. The Micro 150 clamping awning is an ideal solution here, as it can simply be clamped between floor and ceiling.



Awning pitch 135°

With an awning pitch of 135°, the Micro 150 offers shade and protection from the heat for the balcony and interior in the smallest of spaces.





*Spreads a sunny mood and creates
a Mediterranean ambience:
the Micro 300 markisolette*

Micro 300 – markisolette

Mediterranean flair for every frontage



Sleek and shapely:

*the cassette fits snugly against the wall,
creating a harmonious transition to the
house façade.*

Perfectly tensioned awning fabric
*in any extended position thanks to
high-quality pneumatic springs.*

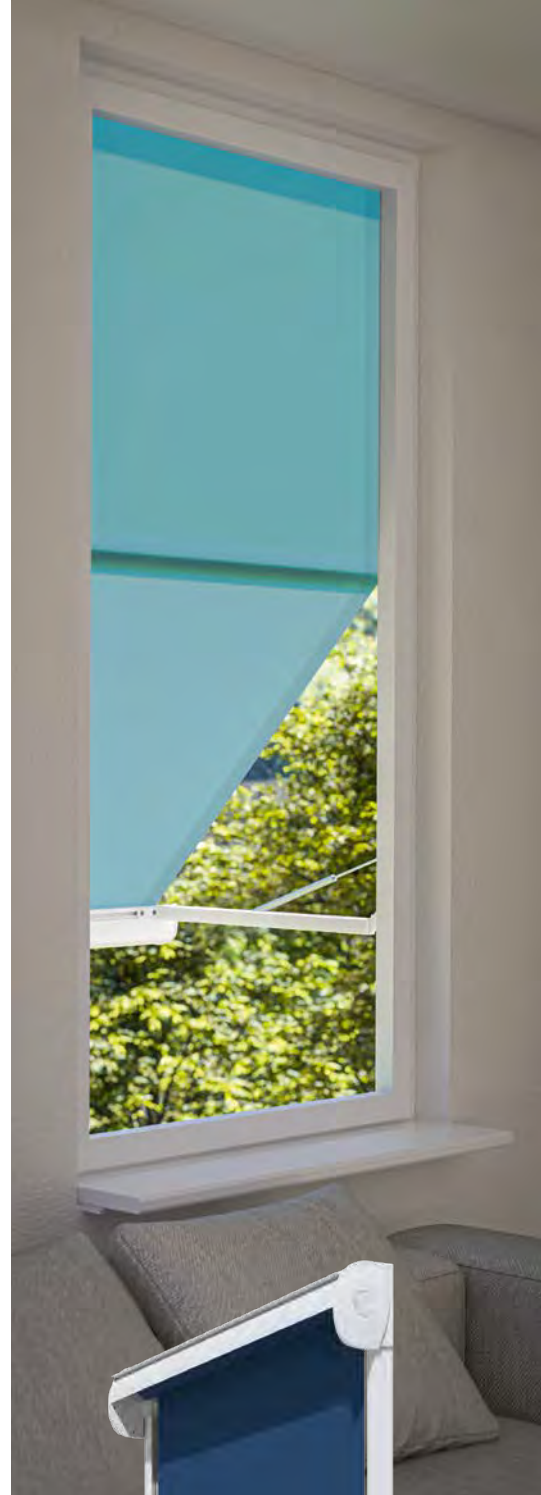


A precision fit with plenty of style

- Width max. 350 cm, height max. 275 cm
- Cassette flush with wall
- Electric motor
- Fabric: Acrylic (*standard*), polyester, Soltis 92 (*option*)
- Options: Radio motor/radio remote control, automatic weather sensor



If only partly extended, the Micro 300 runs parallel to the window like a vertical awning. On full extension the awning is angled outwards.



A traditional feature in Mediterranean climes, markisolettes conjure up a southern atmosphere and add charm to the building frontage. The Micro 300 creates pleasant shading of the interior while providing a virtually unobstructed view of the outside and good ventilation. It even leaves room for window boxes and the plants enjoy shade too.

Markisolette

This awning combines the advantages of drop-arm and vertical awnings: while the upper part always remains vertical, the lower part is angled outwards when extended, so that the view to the outside is retained.





Made-to-measure comfort

- Width max. 400 cm, height max. 375 cm (depending on model, type and equipment)
- Electric motor (Fabric guide Z: Electric motor with obstacle recognition)
- Covering, dependent on fabric guidance and model:
Glass fibre screen fabric (*standard*), Soltis 92 (*only with open guide*), Acrylic, polyester (*only Micro 1060*)
- Options:
Radio motor/radio remote control, automatic weather sensor

The Micro 860/1060 Angular type offers the perfect complement to modern architecture and is the ideal solution for discreet installation flush with the façade in window openings.

Micro 860 and 1060 — Angular type and Rounded type

Vertical awnings for installation flush with the façade

Micro 860

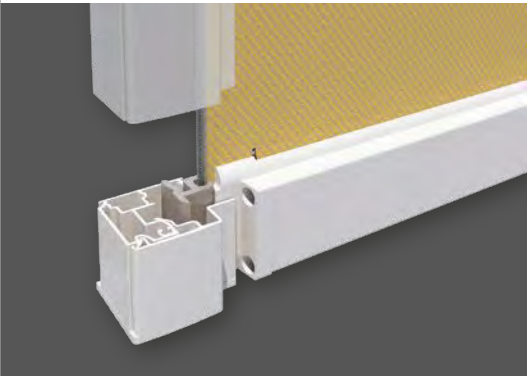


Angular type

The clean lines of the square cassette cross section combine with modern façade design to create a harmonious impression. The cassette sits flush in the façade when installed in a window opening.

Micro 1060



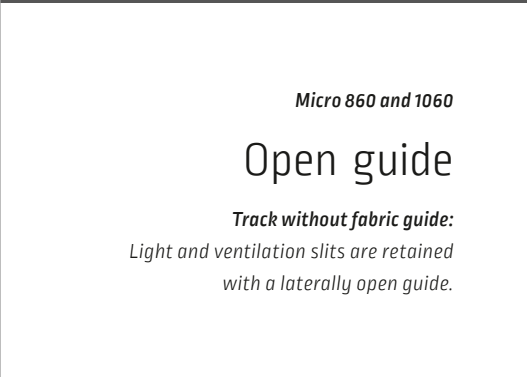


Micro 860 Z and 1060 Z

Closed guide [Z]

Track with lateral zip guide:

For higher fabric tension, greater wind safety and improved lateral balancing of structural tolerances.

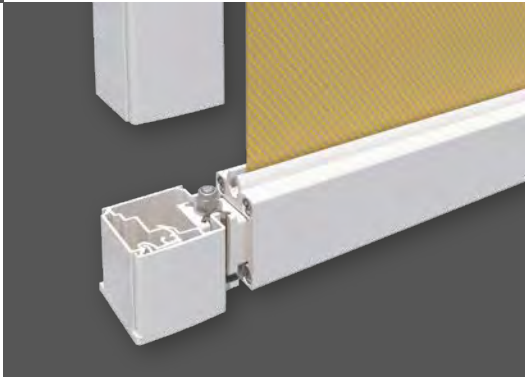


Micro 860 and 1060

Open guide

Track without fabric guide:

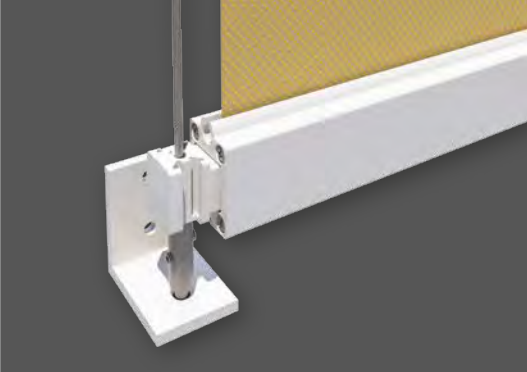
Light and ventilation slits are retained with a laterally open guide.



Only Micro 1060

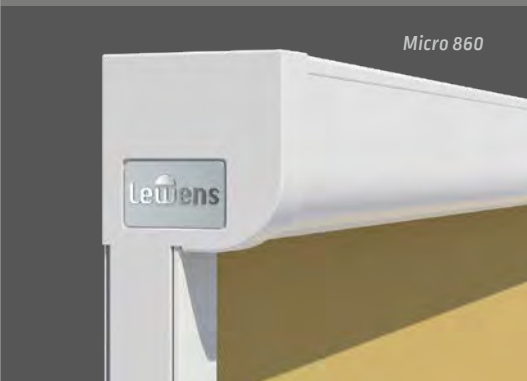
Cable guide

The simple, open style of the Micro 1060 with lateral cable guide adds a visible design feature to the façade.



The Micro 860 [Z] and 1060 [Z] vertical awnings are especially suitable for unobtrusive installation flush with the façade on doors and windows, as well as on glass roof systems. An awning made from screen fabric or Soltis 92 provides optimal shade and privacy while affording views of the outside.

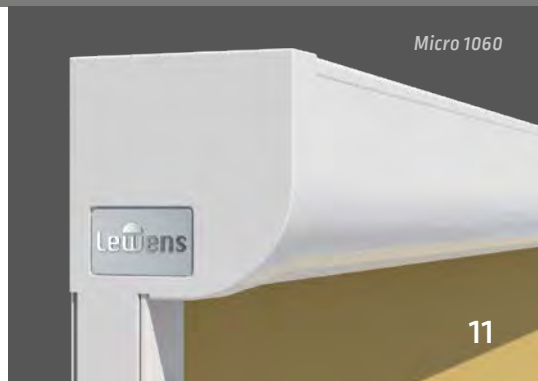
*Ill. above:
Micro 1060 Rounded type
with cable guide*



Micro 860

Rounded type

The softly rounded contour of the cassette profile adds just the right touch to traditional building designs. When installed in window and door openings, the rounded shape permits optimal light entry.



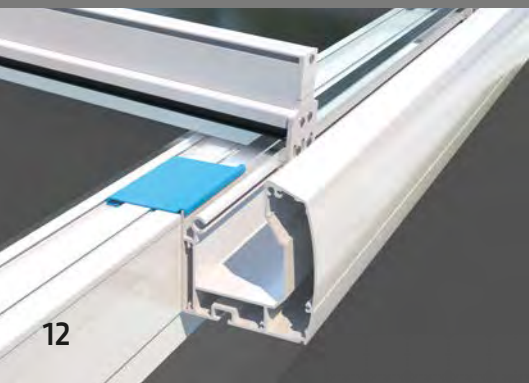
Micro 1060



*Vertical screen awning Micro 2020
with Murano Integrale glass roof
and Micro 1060 Z window awning.*

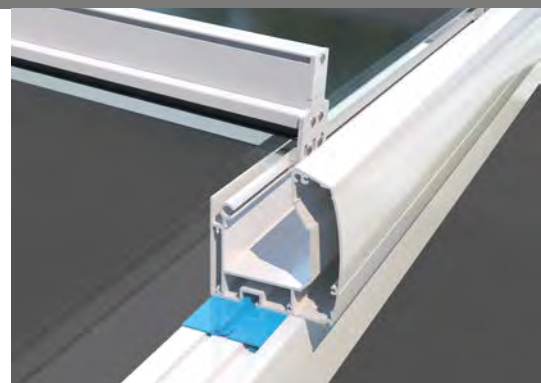
Micro 2020 – the square solution

Vertical awning for glass roofs and wide window expanses



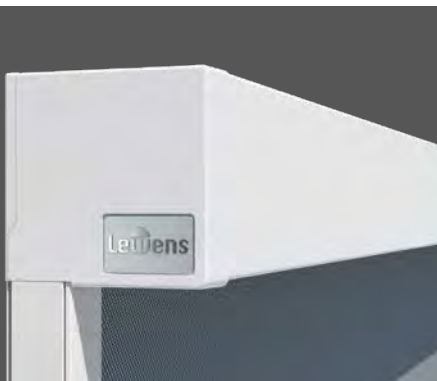
Glass roof

On glass roofs in the Murano series from Lewens, the Micro 2020 can be mounted optionally from inside on the gutter or purlin and post, so that only the fabric is visible from the outside, or it can be inserted flush in the aperture.



Equipment and convenience features

- Width max. 600 cm, height max. 270 cm
- Zip guide and patented balance spring technology
- Electric motor with obstacle recognition
- Awning fabric: Screen glass fibre fabric (*standard*), Acrylic, polyester (*option, up to max. 220 cm in height*)
- Options: Radio motor with obstacle recognition/ radio remote control, automatic weather sensor, various attachment options

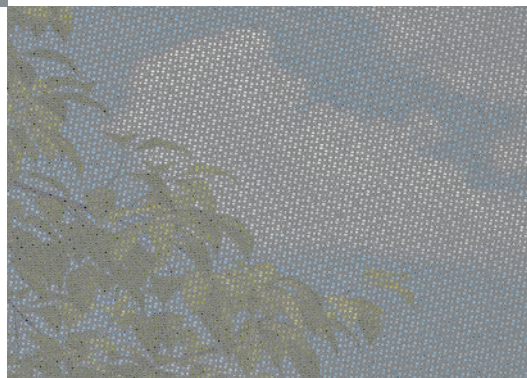


Square

The square shape and flat, push-on end caps make the Micro 2020 the perfect choice for installation flush with the façade or for niche installation.

Screen

Screen glass fibre fabric is ideal for use on glass roofs or façades, as it ensures optimal shade and glare protection while affording views of the outside.



The Micro 2020 was conceived as a vertical awning especially for openings in the case of glass roofs and conservatories and for the wide window panes of panorama windows. Patented balance spring technology and a zip guide, which guides the fabric concealed in lateral tracks, ensure a taut sit of the awning fabric. Screen glass fibre fabric ensures privacy and shade while retaining a view of the outside.



Window and façade

Smaller-format Micro 2020 awnings can be mounted on the façade or inside the window soffit without additional brackets.



Closed guide [Z]

Track with lateral zip guide and patented balance spring technology for higher fabric tension, a smooth sit of the awning, greater wind safety and improved lateral compensation for building tolerances.



Micro 4000 – large square awning

Vertical awning for large windows



With a cassette height of just 15 cm, straight form and flat end caps, the Micro 4000 is also eminently suitable for niche installation.

Glass fibre screen fabric:
a view of the outside with protection from the sun's glare.



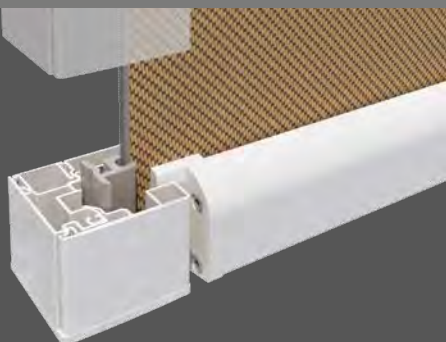
Made-to-measure equipment

- Width max. 600 cm (up to 300 cm high), height max. 600 cm (up to 300 cm wide), depending on model, type and equipment
- Electric motor with obstacle recognition
- Fabric: Glass fibre screen fabric (serge)
- Options: Radio motor with obstacle recognition/ radio remote control, automatic weather sensor, window awnings



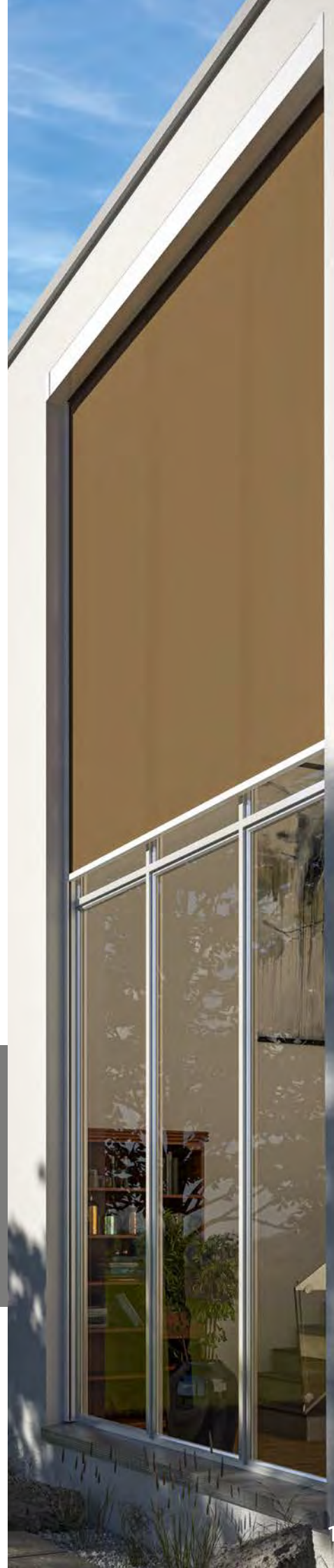
The Micro 4000 can be fitted both in front of the window and flush with the façade inside the window recess.

Sun and glare protection in XXL dimensions: the Micro 4000 was developed especially for large windows and transits on glass roofs and conservatories. It is equipped with a lateral zip guide and track, in which the fabric is concealed and guided like a zip. With screen fabric the view outwards is retained.



Closed guide (Z)

Track with lateral zip guide:
For higher fabric tension, greater wind safety and improved lateral balancing of structural tolerances.



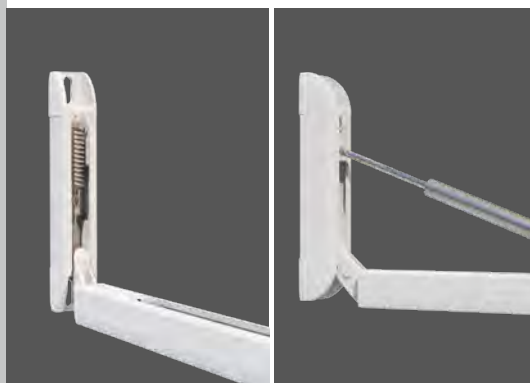
Guaranteed quality



Quality and production in conformity with the CE standard:

Look out for the mark guaranteeing the quality and the technical safety of our products.

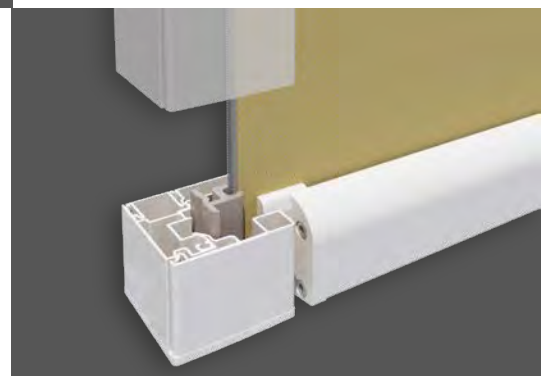
*The name Lewens is synonymous with creativity and extensive **know-how** with regard to development, **high-grade materials** and **meticulous workmanship** in production and assembly.*



*Quality down to the last detail: high-grade **spring systems** create superb fabric tensioning in any extended position.*

Modern zip guide:

This sophisticated technology ensures higher fabric tension, greater wind safety and improved lateral balancing.



Quality and technology made in Germany

Thanks to their design, quality and a variety of equipment options, façade awnings from Lewens make a convincing impression. Centimetre-accurate manufacturing, even in intermediate sizes, ensures a perfect fit in virtually any desired location.



Branded goods from Germany:

Lewens awnings are manufactured and assembled in Germany – quality “made in Germany”!



Radio controllers in io technology from Somfy create the prerequisites for integrating all patio functions into the home automation system (TaHoma, Connexoon), with convenient operation by tablet or smartphone.



Radio remote controllers in io technology enable you to operate your awnings from the comfort of your armchair, without the need to get up.



Options

Electrical

Want more than the wall switch for operation and other comfort features too? Then you have the choice of radio control systems and automatic weather sensor components meeting the current Somfy io standard, which can be integrated into the home automation system (TaHoma, Connexoon). All functions can thus be conveniently operated via tablet or smartphone.

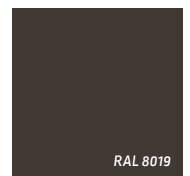
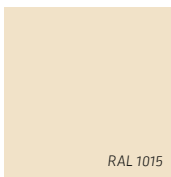
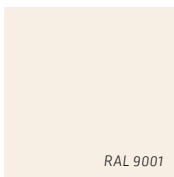
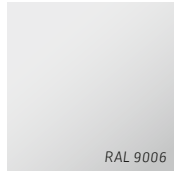


Automatic weather sensor
Sun and wind monitors and wind sensors to io standard ensure automatic, weather-dependent control of awnings – even when there's no one at home.

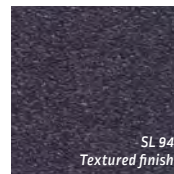
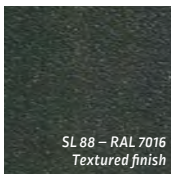




Standard RAL colours *at no extra charge:*



Textured finishes *at no extra charge:*



Frame colours to order

The frames of Lewens awnings and glass roofs are given a high-grade powder coating, rendering them particularly UV- and weather-resistant. An optional preanodising treatment increases the durability of the coating for products used in coastal regions. Hundreds of RAL colours and textured finishes are available to choose from, including a wide range of contemporary colours offered as standard at no extra charge.



As well as powder-coated finishes, the frames of nearly all models are also offered in **natural silver**.
Finish: frame in **E6/EV1 silver anodised**,
small components such as hinge parts, brackets etc. powder-coated in silver RAL 9006.

With well over 300 designs to choose from, the Lewens collection offers you high-quality, spun-dyed acrylic and polyester fabrics that retain their colour brilliance for a long time. Semi-transparent, glass fibre woven screen fabrics and Soltis 92 complete the range, which features modern and classic designs, solid colours, fine textures and 3D effects across the entire colour spectrum.

Lewens awning fabrics have been created especially for use outdoors and are treated to make them water- and dirt-repellent. We make the awnings up using the latest sewing techniques for distortion-free seams and also using ultrasonic bonding. We have designed our manufacturing facility so that the awning fabrics can be laid out entirely flat (not folded) for making up.

Some of our quality features:

- Secure lockstitch used for making up, optionally also with ultrasonically bonded seam (surcharge).
- Awning and valance are produced from one piece (identical repeat pattern)
- Seams on top and bottom and valance seam neatened (clean completion)
- Repeat-symmetrical completion left and right
- Use of Tenara® quality sewing yarn (also for valances)

The Collection

Fabrics ranging
from modern to classic

*For façade awnings the choice of **glass fibre screen fabric** is recommended for protection from the sun and glare while retaining the view outwards.*



Micro 100 / 150

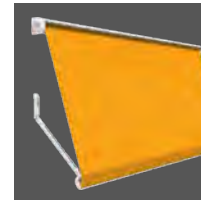
Equipment and technical features



Manufactured and assembled in Germany
Quality and technology CE-compliant



Micro 100



Micro 100

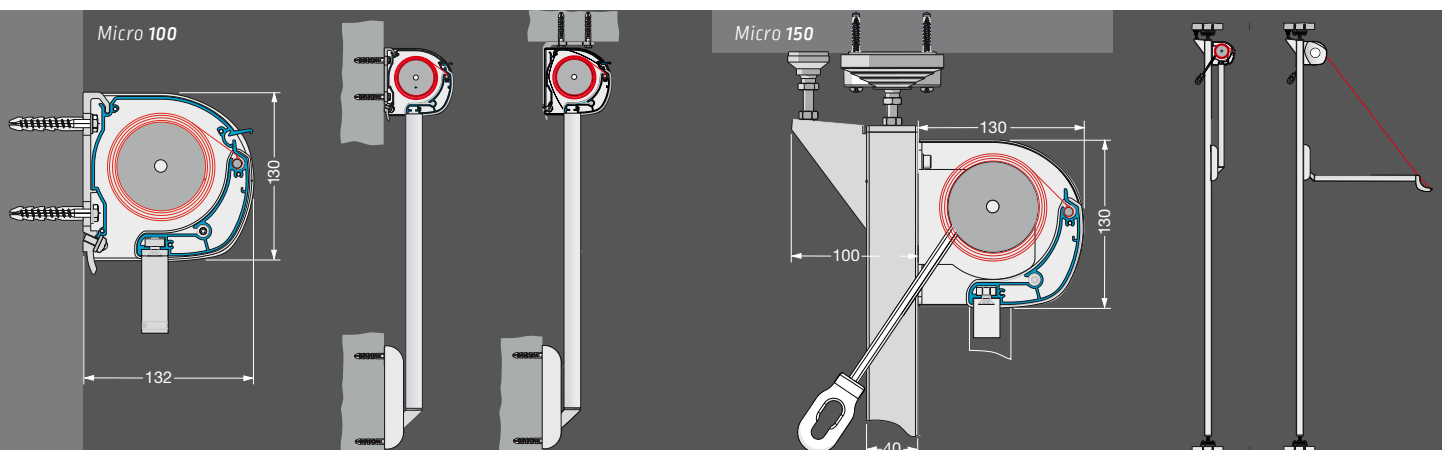


Micro 150

Type (= max. awning pitch)	90°	135°	135°
Technology	Drop-arm awning	Drop-arm awning	Clamping awning
Casing (H x T), approx.	130 x 132 mm	130 x 132 mm	130 x 130 mm
Widths (max.)			
1 unit (single panel)	700 cm	700 cm	350 cm
Drops			
Arm lengths 75 / 100 / 125	■	■	■
Arm lengths 150 / 175 cm	■	■	-
Special arm lengths	□	□	□
Height			
Ordering height (max.)			300 cm
Drive			
Electric motor (for wall switch)	■	■	□
Radio motor (io)	□	□	□
Crank drive	□	□	■
Frame colours			
17 RAL colours and 6 textured finishes (Lewens standard colours)	■	■	■
Natural silver (E6/EV 1 anodized, small components RAL 9006)	■	■	■
Additional RAL, special colours and effect finishes	□	□	□
Awning fabrics from the LEWENS collection			
Branded acrylic (spun-dyed, ultra fade resistant)	■	■	■
Branded polyester (spun-dyed, ultra fade resistant)	□	□	□
Tenara quality sewing yarn	■	■	■
Ultrasonic seam welding	□	□	□
Options			
Radio motor + radio remote control (io)	□	□	□
Automatic weather sensor (sun, wind, rain)	□	□	□
Attachment			
Wall	■	■	-
Ceiling/niche	□	□	-
Ceiling + floor (clamping posts)	-	-	■

Possible dimensions and restrictions along with the complete range of electronic accessories can be found in the technical data in the current Lewens price list.

■ Standard □ Option - not available

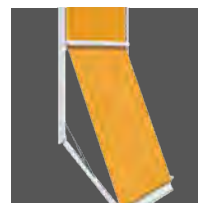


Micro 300

Equipment and technical features



Manufactured and assembled in Germany
Quality and technology CE-compliant



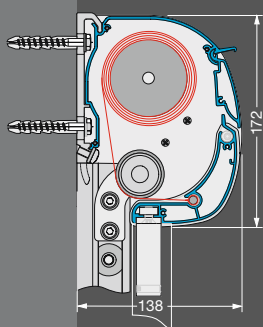
Micro 300

Type (= max. awning pitch)	135°
Technology	Markisolette
Casing (H x T), approx.	172 x 138 mm
Widths (max.)	
1 unit (single panel)	350 cm
Height (max.)	
System height	275 cm
Arm length (Standard) / arm pitch (max.)	72,5 cm / 135°
Drive	
Electric motor (for wall switch)	<input checked="" type="checkbox"/>
Radio motor (io)	<input type="checkbox"/>
Crank drive	<input type="checkbox"/>
Frame colours	
17 RAL colours and 6 textured finishes (Lewens standard colours)	<input checked="" type="checkbox"/>
Natural silver (E6/EV 1 anodized, small components RAL 9006)	<input checked="" type="checkbox"/>
Additional RAL, special colours and effect finishes	<input type="checkbox"/>
Awning fabrics from the LEWENS collection	
Branded acrylic (spun-dyed, ultra fade resistant)	<input checked="" type="checkbox"/>
Branded polyester (spun-dyed, ultra fade resistant)	<input type="checkbox"/>
Soltis 92	<input type="checkbox"/>
Tenara quality sewing yarn	<input checked="" type="checkbox"/>
Ultrasonic seam welding	<input type="checkbox"/>
Options	
Radio motor + radio remote control (io)	<input type="checkbox"/>
Automatic weather sensor (sun, wind, rain)	<input type="checkbox"/>
Attachment	
Wall	<input checked="" type="checkbox"/>
Ceiling	<input type="checkbox"/>

Possible dimensions and restrictions along with the complete range of electronic accessories can be found in the technical data in the current Lewens price list.

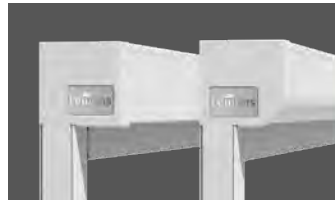
■ Standard □ Option

Micro 300

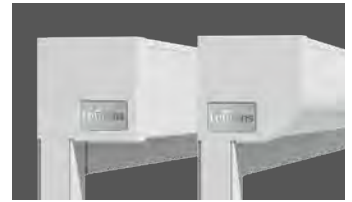


Micro 860/1060

Equipment and technical features



Micro 860



Micro 1060



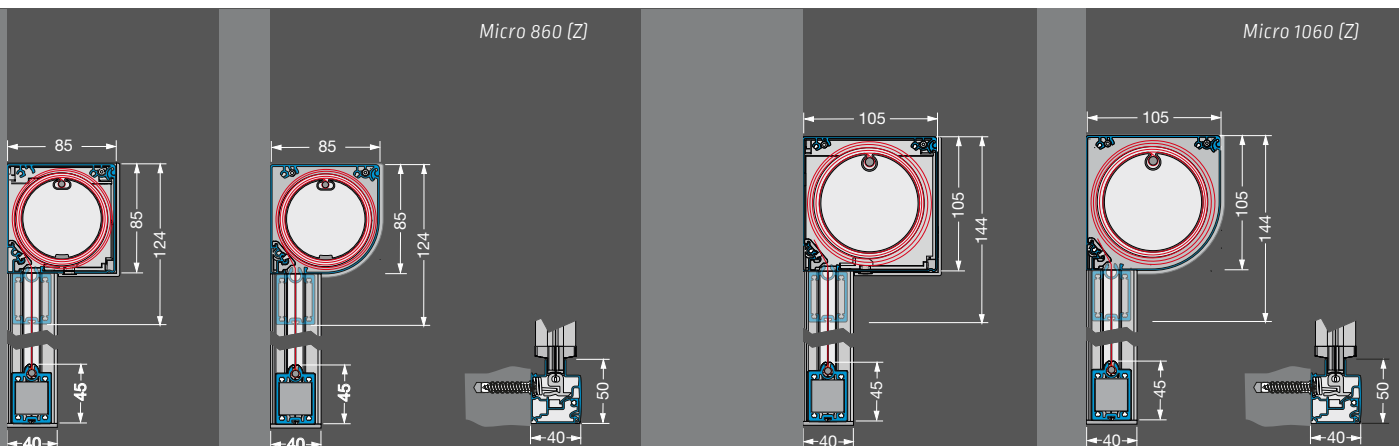
Manufactured and assembled in Germany
Quality and technology CE-compliant

Types	Angular / Rounded		Angular / Rounded	
	Open	Closed [Z]	Open/Cable	Closed [Z]
Fabric guide				
Cassette (H x D), approx.	85 x 85 mm	85 x 85 mm	105 x 105 mm	105 x 105 mm
Widths, 1 unit (max.)				
Motor drive	300 cm	275 cm	400 cm	400 cm
Crank drive	300 cm	200 cm	340 cm	200 cm
System heights (max.)				
Motor drive	250 cm	175 cm	375 / 300 cm	350 cm
Crank drive	200 cm	175 cm	200 cm	200 cm
Drive				
Electric motor (for wall switch)	■	-	■	-
- with obstacle recognition	-	■	-	■
Radio motor (io)	□	□	□	□
Crank drive	□	□	□	□
Frame colours				
17 RAL colours and 6 textured finishes (Lewens standard colours)	■	■	■	■
Natural silver (E6/EV 1 anodized, small components RAL 9006)	■	■	■	■
Additional RAL, special colours and effect finishes	□	□	□	□
Awning fabrics from the LEWENS collection				
Screen	■	■	■	■
Soltis 92	■	-	■	-
Branded acrylic (spun-dyed, ultra fade resistant)	-	-	* □	* □
Branded polyester (spun-dyed, ultra fade resistant)	-	-	* □	* □
Options				
Radio motor + radio remote control (io)	□	-	□	-
- with obstacle recognition + radio remote control (io)	-	□	-	□
Automatic weather sensor (sun, wind, rain)	□	□	□	□
Attachment				
Wall/niche	■	■	■	■
Elevated using mounting feet (8, 10, 13, 18)	□	□	□	□

Possible dimensions and restrictions along with the complete range of electronic accessories can be found in the technical data in the current Lewens price list.

■ Standard □ Option - not available

* up to max. 300 x 300 cm



Micro 2020 / 4000

Equipment and technical features



Manufactured and assembled in Germany
Quality and technology CE-compliant



Micro 2020



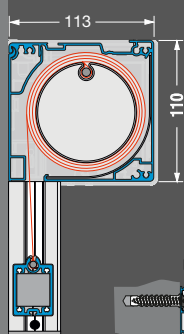
Micro 4000

Types	Angular	Angular
Fabric guide	Closed [Z]	Closed [Z]
Cassette (H x D), approx.	110 x 113 mm	145 x 160 mm
Widths (max.)		
1 unit (single panel)	600 cm	600 cm (up to 300 cm in height)
System height (max.)		
Ordering height	270 cm	600 cm (up to 300 cm wide)
Drive		
Electric motor (for wall switch)	■	■
– with obstacle recognition	■	■
Radio motor (io)	□	□
Crank drive	–	–
Frame colours		
17 RAL colours and 6 textured finishes (Lewens standard colours)	■	■
Natural silver (E6/EV 1 anodized, small components RAL 9006)	■	■
Additional RAL, special colours and effect finishes	□	□
Awning fabrics from the LEWENS collection		
Screen	■	■
Soltis 92	–	–
Branded acrylic (spun-dyed, ultra fade resistant)	* □	–
Branded polyester (spun-dyed, ultra fade resistant)	* □	–
Window awnings	–	□
Options		
Radio motor with obstacle recognition + radio remote control (io)	□	□
Automatic weather sensor (sun, wind, rain)	□	□
Attachment		
Wall / ceiling	■	■
Murano glass roofs	□	

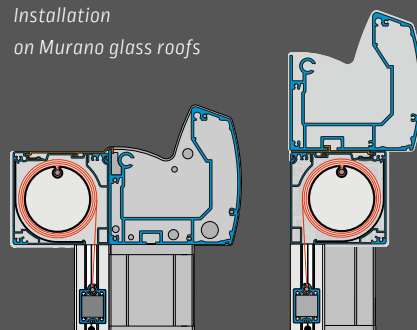
Possible dimensions and restrictions along with the complete range of electronic accessories can be found in the technical data in the current Lewens price list.

■ Standard □ Option – not available
* up to max. 220 cm in height

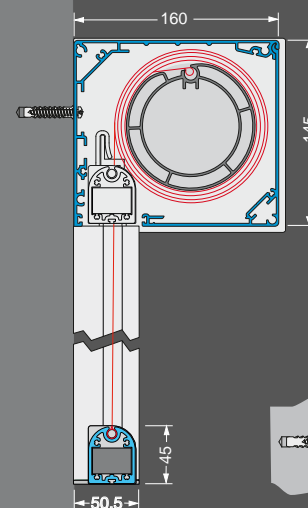
Micro 2020



Installation
on Murano glass roofs



Micro 4000





www.lewens-markisen.de



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