

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 25 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



4

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 / recycled 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.*



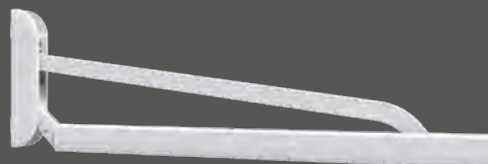
135° type

*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 drop arm 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 / recycled 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 / recycled polyester,
Soltis Perform 92 (*option*)
- Options:
Radio motor/radio remote control,
automatic weather sensor

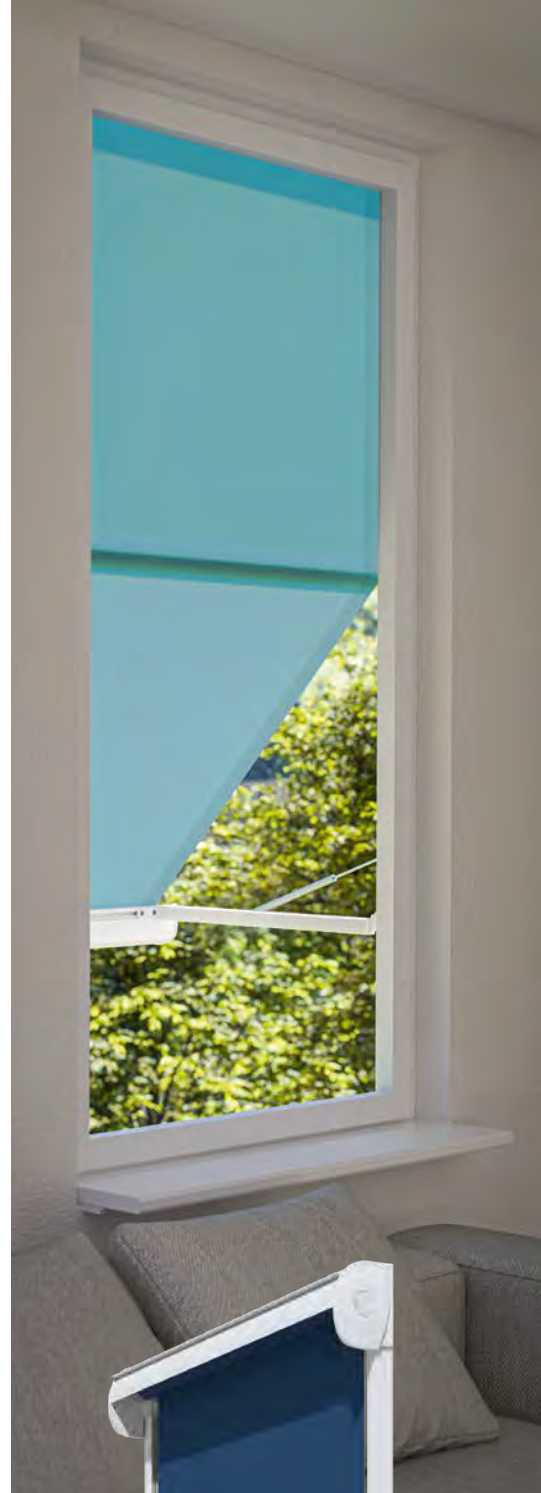
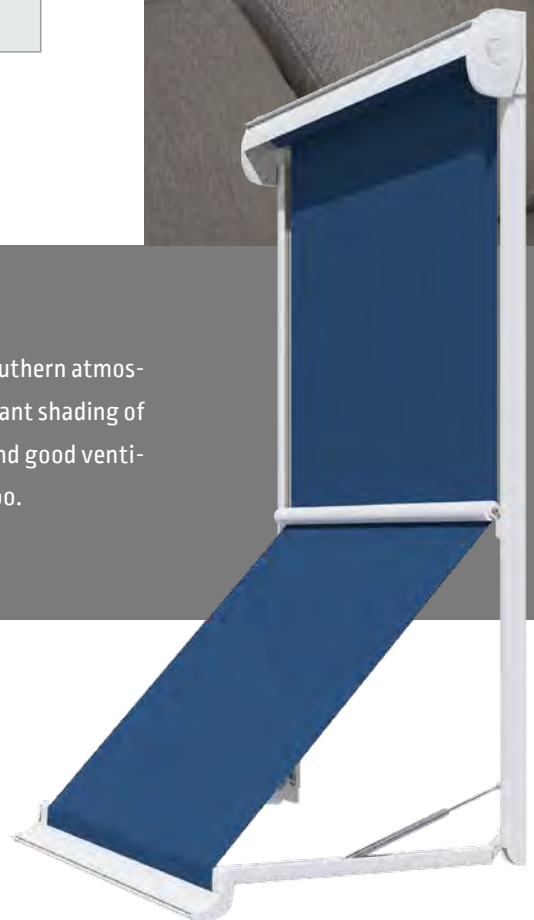


If only partly extended, the Micro 300 runs parallel to the window like a vertical awning. On full extension the awning is angled outwards.

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 Zip: Electric motor with obstacle recognition)
- Covering, dependent on fabric guidance and model:
Glass fibre screen fabric (Micro 1060: Screen Sergé 1 % width max. 350 cm),
Soltis Perform 92 (Micro 860: Open guide only, Micro 1060: fabric guide Open or Cable only), acrylic (only Micro 1060, width max. 300 cm and height max. 300 cm)
- 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

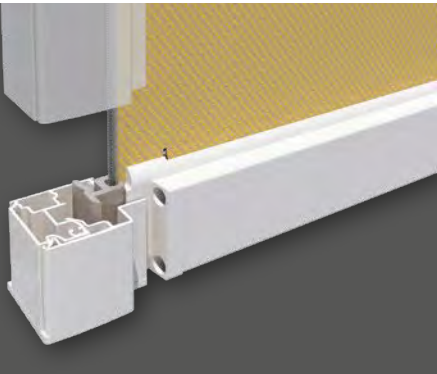


Angular type

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

Fabric guide **ZIP**

Track with lateral zip guide:

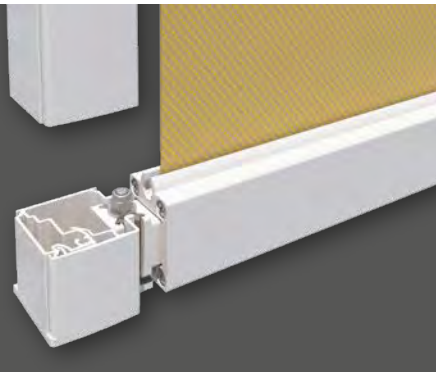
*For higher fabric tension,
greater wind safety and improved lateral
balancing of structural tolerances.*

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 and 1060 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.

*III. 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

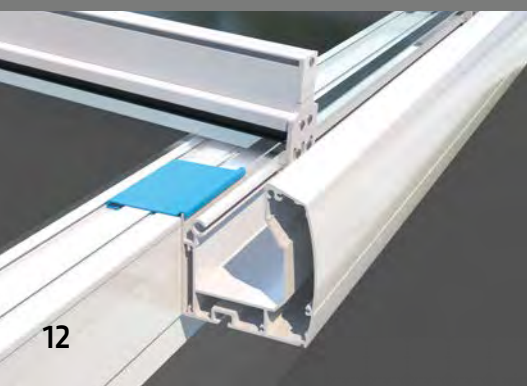




*Vertical screen awning Micro 2020
with Murano Integrale glass roof
and Micro 1060 Z window awning.*

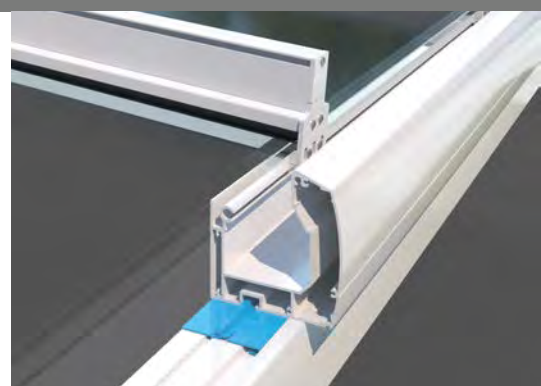
Micro 2020 – the square solution

Vertical awning for glass roofs and wide window expanses



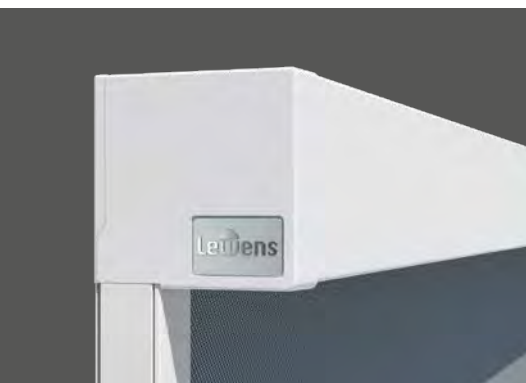
Glass roof

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
(Screen Sergé 1 % width max. 350 cm),
acrylic (width max. 300 cm x height max. 220 cm)
- Options:
Radio motor with obstacle recognition/
radio remote control,
automatic weather sensor,
various attachment options

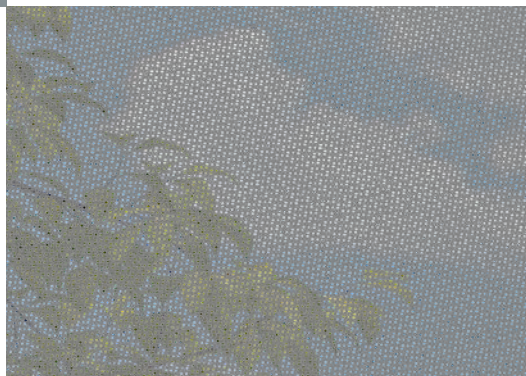


Square

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.



Fabric guide **ZIP**

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.



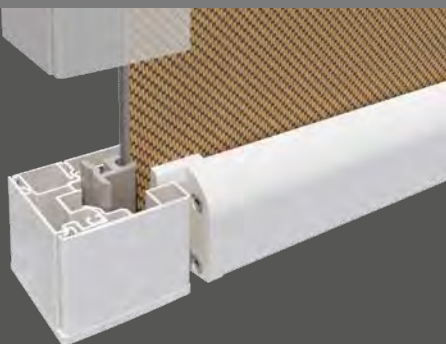
Made-to-measure equipment

- 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
- Awning fabric:
Screen glass fibre fabric
(Screen Sergé 1 % width max. 350 cm)
- Options:
Radio motor with obstacle recognition/
radio remote control,
automatic weather sensor



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

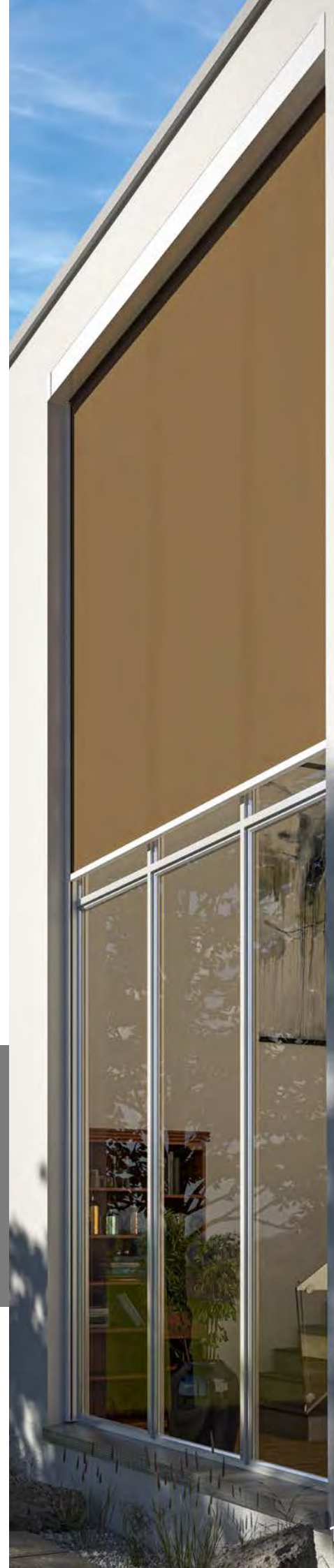
Sun and glare protection in XXL dimensions: the Micro 4000 was developed especially for large windows and transits on glass roofs and conservatories. It is equipped with a lateral zip guide and track, in which the fabric is concealed and guided like a zip. With screen fabric the view outwards is retained.



Fabric guide **ZIP**

Track with lateral zip guide:

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



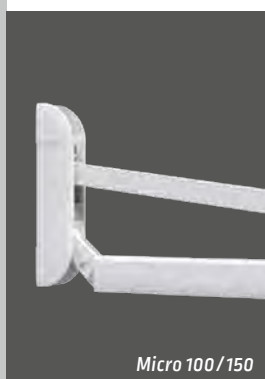
Guaranteed quality



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.*



Micro 100/150

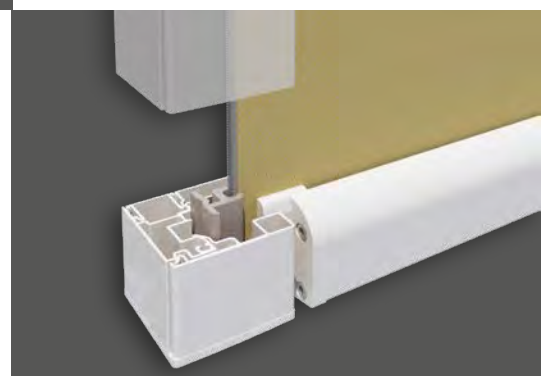


Micro 300

Modern **ZIP** guide:
*This sophisticated technology ensures
higher fabric tension, greater wind safety
and improved lateral balancing.*



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



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

create the prerequisites for integrating all patio functions into the home automation system, with convenient operation by tablet or smartphone.



Radio remote controllers

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, lighting, radiant heater and automatic weather sensor components meeting the contemporary standard, which can all be integrated into the home automation system. All functions can thus be conveniently operated via tablet or smartphone.



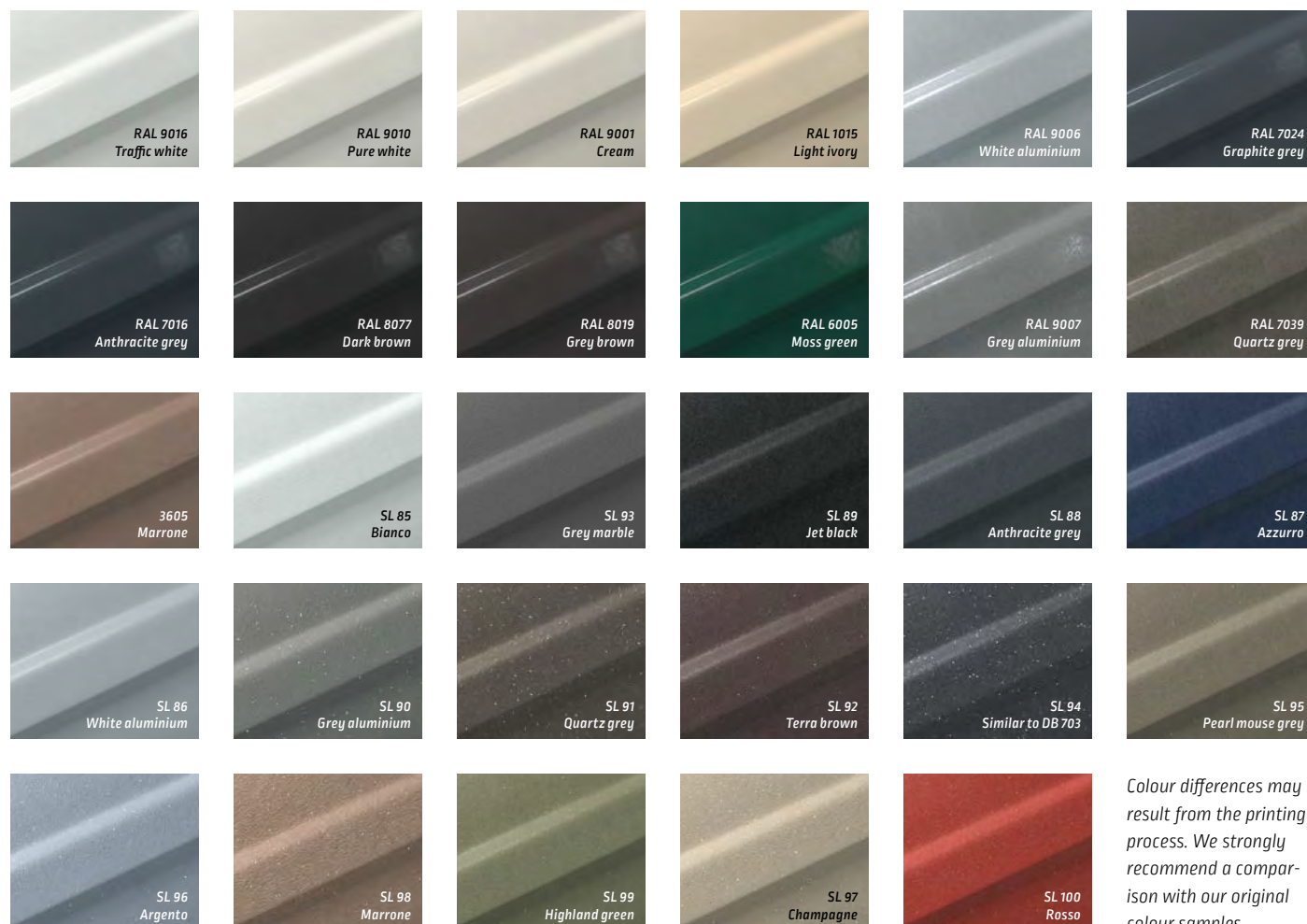
Automatic weather sensor

Sun, wind and rain sensors ensure automatic, weather-dependent control of awnings – even when there's no one at home.





Standard colours: RAL colours and textured finishes (SL) **at no extra charge**



Colour differences may result from the printing process. We strongly recommend a comparison with our original colour samples.

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 (SL) 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.*



**E6/EV1
Anodized**

The Lewens collection offers you high-quality acrylic and polyester fabrics that are solution-dyed to retain their colour brilliance for longer, wovens containing 85% recycled polyester from PET bottles as well as partly transparent glass fibre screen fabrics and Soltis Perform 92.

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.

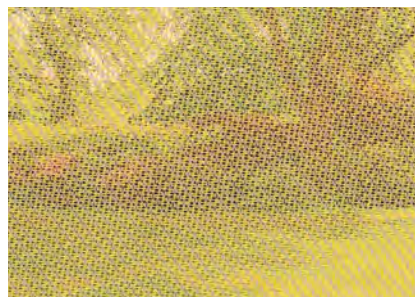
Some of our quality features:

- 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

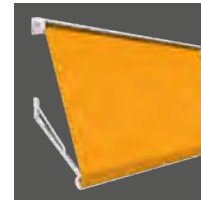
Equipment and technical features



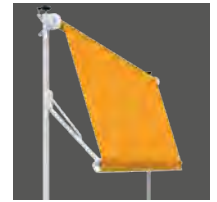
Manufactured and assembled in Germany
Quality and technology CE-compliant



Micro 100



Micro 100

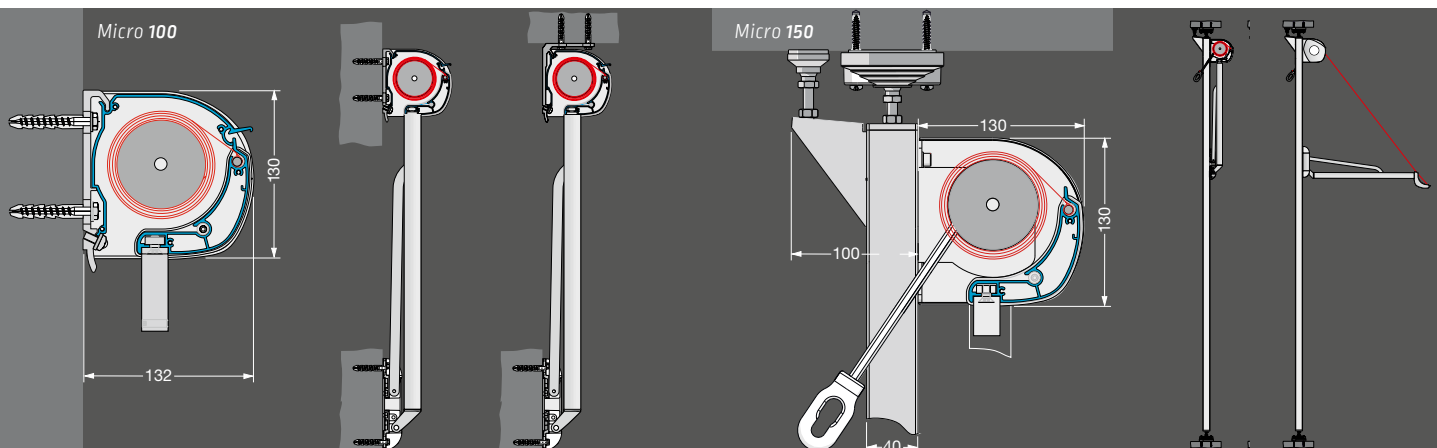


Micro 150

| 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 | □ | □ | □ |
| Crank drive | □ | □ | ■ |
| Frame colours | | | |
| 29 Lewens standard frame 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/recycled polyester (spun-dyed, ultra fade resistant) | □ | □ | □ |
| Tenara quality sewing yarn | ■ | ■ | ■ |
| Ultrasonic seam welding | □ | □ | □ |
| Options | | | |
| Radio motor + radio remote control | □ | □ | □ |
| 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

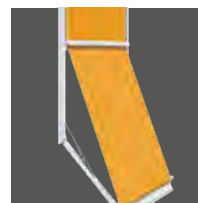


Micro 300

Equipment and technical features



Manufactured and assembled in Germany
Quality and technology CE-compliant



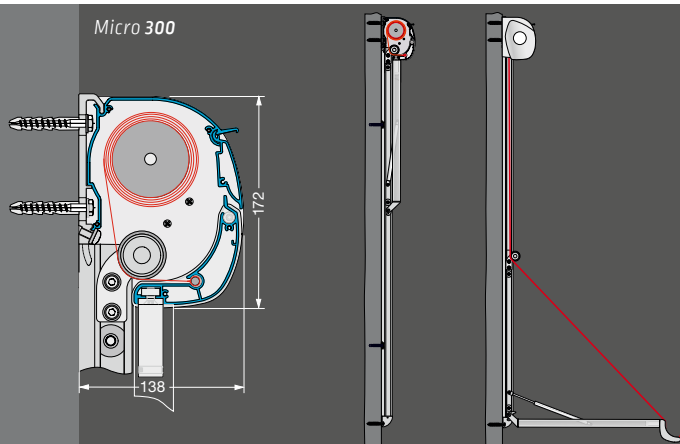
Micro 300

| | |
|--|-------------------------------------|
| 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 | <input type="checkbox"/> |
| Crank drive | <input type="checkbox"/> |
| Frame colours | |
| 29 Lewens standard frame 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/recycled polyester (spun-dyed, ultra fade resistant) | <input type="checkbox"/> |
| Soltis Perform 92 | <input type="checkbox"/> |
| Tenara quality sewing yarn | <input checked="" type="checkbox"/> |
| Ultrasonic seam welding | <input type="checkbox"/> |
| Options | |
| Radio motor + radio remote control | <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

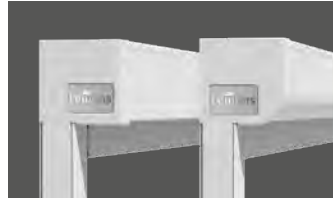


Micro 860 / 1060

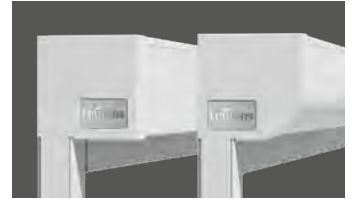
Equipment and technical features



Manufactured and assembled in Germany
Quality and technology CE-compliant



Micro 860



Micro 1060

| Types | Angular / Rounded | | Angular / Rounded | |
|--|-------------------|------------|-------------------|--------------|
| Fabric guide | Open | ZIP | Open/Cable | ZIP |
| 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 | 210 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 | □ | □ | □ | □ |
| Crank drive | □ | □ | □ | □ |
| Frame colours | | | | |
| 29 Lewens standard frame 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 Perform 92 | ■ | — | ■ | — |
| Branded acrylic (spun-dyed, ultra fade resistant) | — | — | ** ■ | ** ■ |
| Options | | | | |
| Radio motor + radio remote control | □ | — | □ | — |
| — with obstacle recognition + radio remote control | — | □ | — | □ |
| Automatic weather sensor (sun, wind, rain) | □ | □ | □ | □ |
| Attachment | | | | |
| Wall/niche | ■ | ■ | ■ | ■ |
| Elevated using mounting feet (8, 10, 13, 18) | □ | □ | □ | □ |

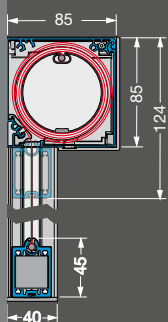
Possible dimensions and restrictions along with the complete range of electronic accessories can be found in the technical data in the current Lewens price list.

■ Standard □ Option — not available

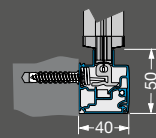
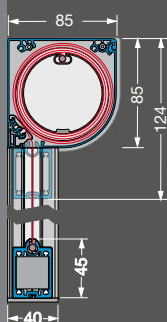
* Screen **Sergé 1%** width max. 350 cm

** width max. 300 cm x height max. 300 cm

Micro 860
Angular type, Open/Zip

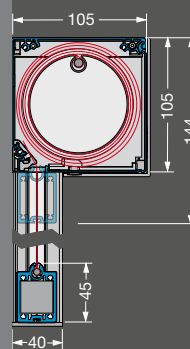


Micro 860
Rounded type, Open/Zip

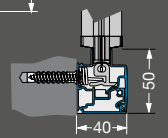
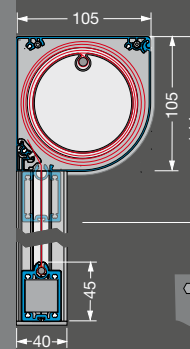


Fabric guide ZIP

Micro 1060
Angular type, Open/Zip



Micro 1060
Rounded type, Open/Zip



Fabric guide ZIP

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 | ZIP | ZIP |
| 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 | □ | □ |
| Crank drive | — | — |
| Frame colours | | |
| 29 Lewens standard frame 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 | * ■ | * ■ |
| Branded acrylic (spun-dyed, ultra fade resistant) | ** ■ | — |
| Options | | |
| Radio motor with obstacle recognition + radio remote control | □ | □ |
| Automatic weather sensor (sun, wind, rain) | □ | □ |
| Attachment | | |
| Wall / ceiling | ■ | ■ |
| Murano glass roofs | □ | □ |

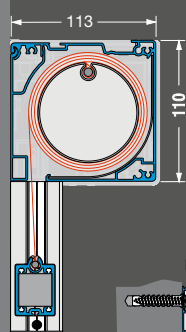
Possible dimensions and restrictions along with the complete range of electronic accessories can be found in the technical data in the current Lewens price list.

■ Standard □ Option — not available

* Screen **Sergé 1%** width max. 350 cm

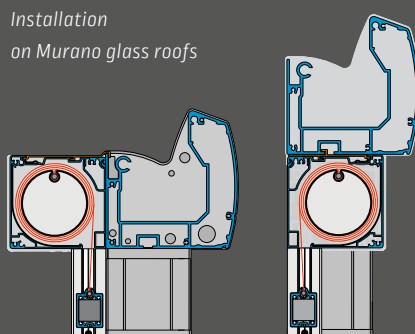
** width max. 300 cm x height max. 220 cm

Micro 2020

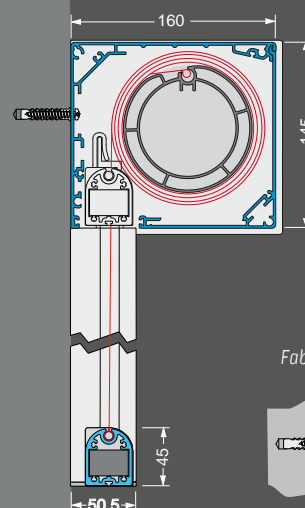


Fabric guide **ZIP**

Installation
on Murano glass roofs



Micro 4000



Fabric guide **ZIP**



www.lewens-markisen.de



Your stockist will be happy to advise you: