



## Micro Systems

- Micro 100
- Micro 150
- Micro 200
- Micro 300
- Micro 860 [Z]
- Micro 1060 [Z]
- Micro 4000 Z



## Façade awnings

Just  
*enjoy* life!

**Lewens**  
MARKISEN





## Versatile to meet every requirement

The Micro Systems product group comprises a wide range of window and façade awnings that can be used for a variety of applications. 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 22000 m<sup>2</sup>. 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 and assembled in Germany.*



Just  
**enjoy** life!



Micro 100

4



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Micro 150



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Micro 200



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Micro 300



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Micro 860 (Z)/1060(Z)



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Micro 4000 Z

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## Micro 100 – drop-arm awning

Airy sunshade with a view



4

### Drop-arm awning

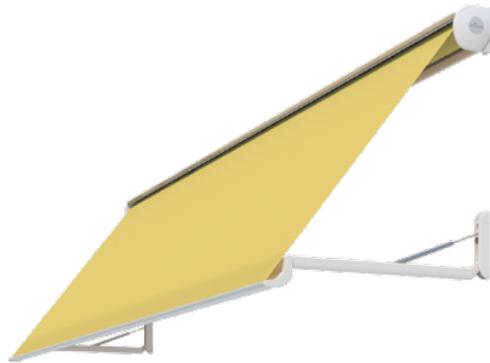
*The pitch angle of this awning varies according to its extended position, creating a flexible sunshade for windows and balconies.*



- Width max. 700 cm, drop max. 175 cm
- Cassette flush with wall
- Electric motor
- Awning fabric: acrylic (*standard*), polyester, Soltis 92, screen fabric (*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.*



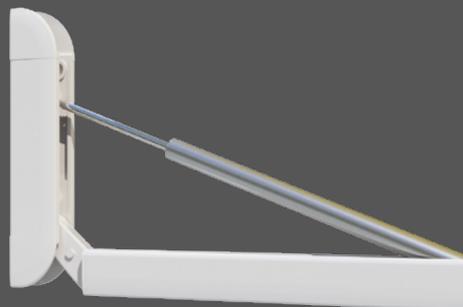
## 135° type

*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 pneumatic springs**  
ensure good fabric tensioning  
in any extended position.





## For balcony and loggia

- Width max. 350 cm, height max. 300 cm *(including posts)*
- Crank drive
- Fabric: Acrylic *(standard)*, polyester, Soltis 92 *(option)*
- Options: Electric motor, radio motor/ radio remote control, automatic weather sensor

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

## Micro 150 – clamping awning

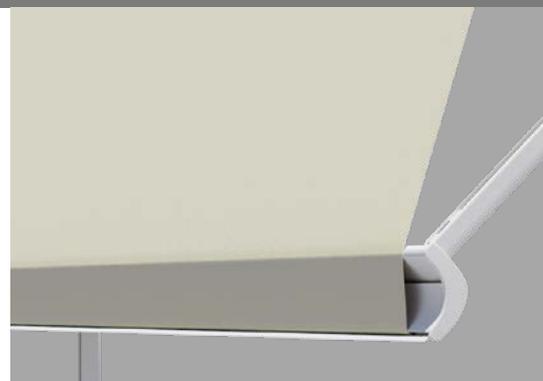
Perfect sunshade for balcony and loggia



### **Doubly secure**

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

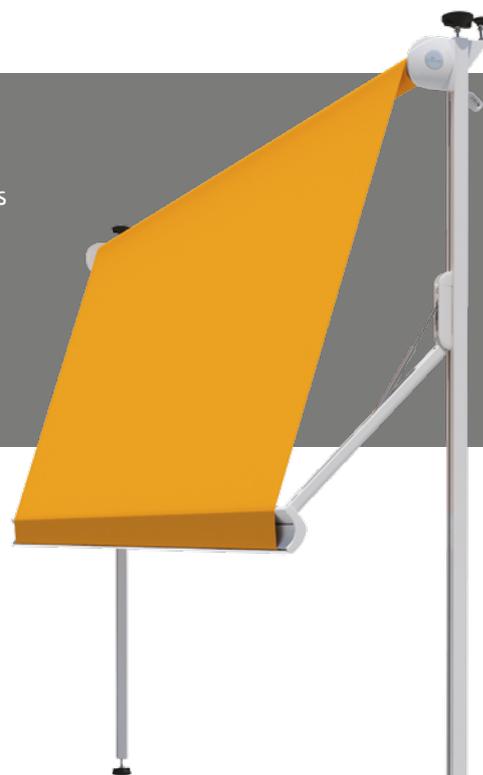
*When closed, the front profile of the awning has almost the appearance of a cassette.*





*Ideal solution for rented apartments: the Micro 150 clamping awning*

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.*





## Equipment

- Width max. 400 cm, height max. 300 cm
- Cassette flush with wall
- Electric motor
- Fabric:  
Acrylic (standard), polyester, Soltis 92, screen fabric (option)
- Options:  
Radio motor/  
radio remote control,  
automatic weather sensor

*Creating a pleasantly comfortable atmosphere indoors and capturing a colourful play of light: Micro 200 vertical awnings, here with a track guide.*

## Micro 200 – vertical awning

Adds elegance to any window



### Track guide type

*The picture of elegance: laterally enclosed by the track guide, the front profile and awning slide smoothly into the desired position.*



## For windows and door openings

Awning fabrics in various designs and colours and offering varying degrees of UV protection are available from the Lewens collection for the Micro 200 vertical awning.



Vertical awnings are a key element in interior design. For work spaces and PC workstations, choosing a suitable awning fabric with the right UV value enables the desired dimming level to be achieved.

A highly effective and elegant sunshade solution, the Micro 200 was developed especially for windows and door openings as an awning that sits flush with the wall and is moved vertically to create shade. Vertical awnings shade windows and door openings externally like a roller blind, leaving the heat and glare outside.



### Cable guide type

*The Micro 200 with lateral cable guide is the embodiment of a clean, open design element forming part of the overall façade.*





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

## Micro 300 – markisolette

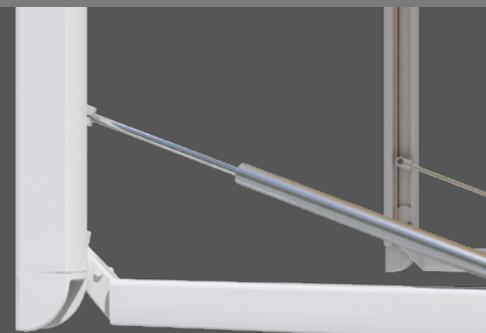
Mediterranean flair for every frontage



***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.*





## Micro 860 [Z] and 1060 [Z] – the square awnings

Vertical awnings for installation flush with the façade



Micro 860 and 1060

### Open guide

**Track without fabric guide:**  
Light and ventilation slits are retained  
with a laterally open guide.



## Made-to-measure comfort

- Width max. 400 cm, height max. 375 cm (depending on model, type and equipment)
- Electric motor
- Options: Radio motor/radio remote control, automatic weather sensor

Types to choose from::

- **Closed guide [Z]** with lateral zip fabric guide (zipper principle)
- **Open guide** with tracks and no lateral fabric guide



The Micro 860 [Z] and 1060 [Z] vertical awnings have a square cassette cross section and 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.



*Micro 1060 Z:  
Top technology and maximum comfort*

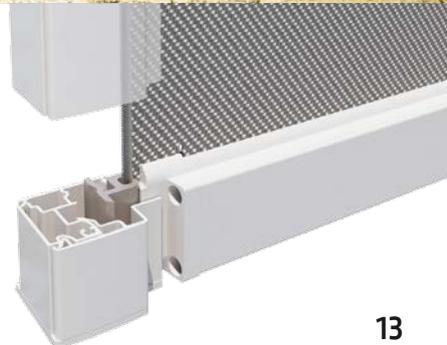


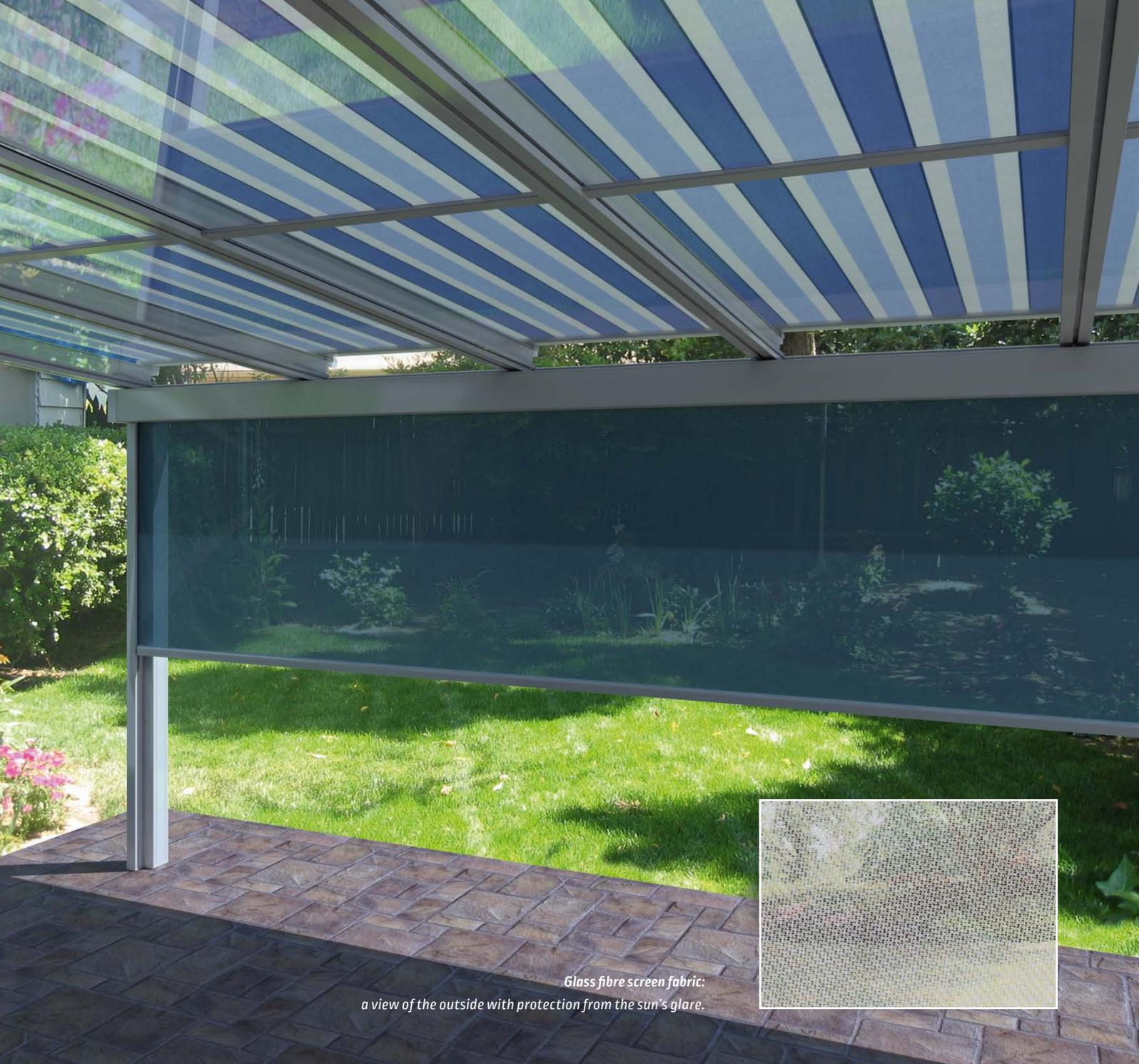
*Micro 860 Z and 1060 Z*

### Closed guide [Z]

**Track with lateral zip guide:**

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



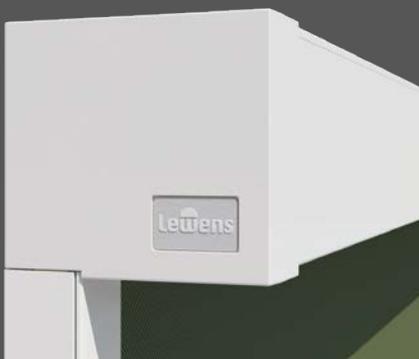


*Glass fibre screen fabric:  
a view of the outside with protection from the sun's glare.*

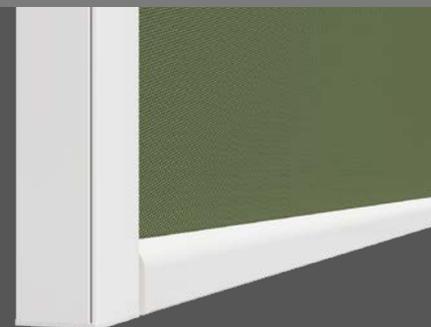


## Micro 4000 Z – large square awning

Vertical awning for large windows



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



## Made-to-measure equipment

- Width max. 550 cm (up to 300 cm high), height max. 600 cm (up to 300 cm wide), depending on model, type and equipment
- Electric motor
- Fabric: Glass fibre screen fabric (serge)
- Options: Radio motor/ radio remote control, automatic weather sensor, window awnings



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

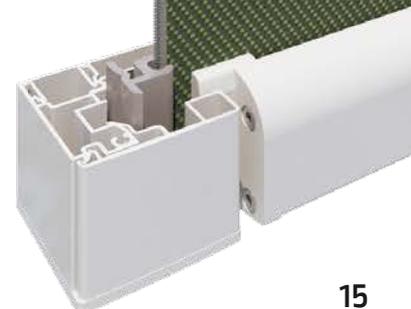
Sun and glare protection in XXL dimensions: the Micro 4000 Z was developed especially for large windows and transits on glass roofs and conservatories. It is equipped with a lateral zip guide and track, in which the fabric is concealed and guided like a zip. With screen fabric the view outwards is retained.



## Closed guide (Z)

### **Track with lateral zip guide:**

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



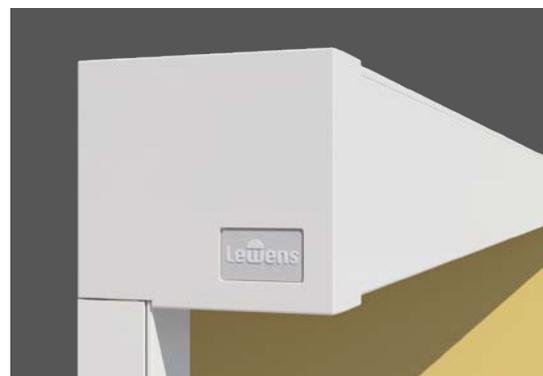
# Guaranteed quality



Quality and production in conformity with the CE standard:

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

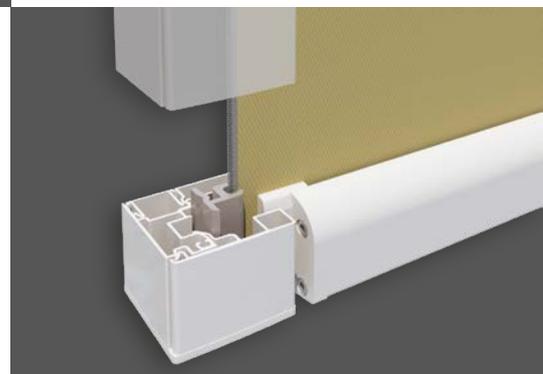
*The name Lewens is synonymous with creativity and extensive **know-how** with regard to development, **high-grade materials** and **meticulous workmanship** in production and assembly.*



*Quality down to the last detail: Top-quality **pneumatic springs** ensure superbly taut awning fabric 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

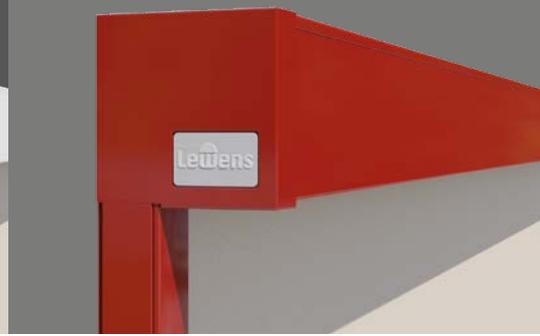
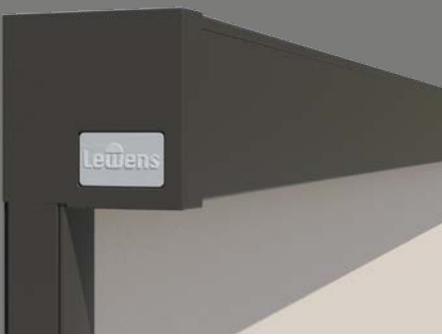
### Electrical

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.

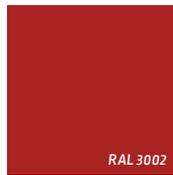
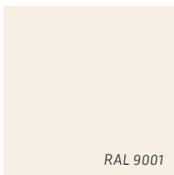
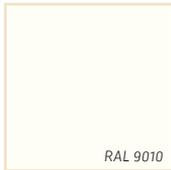


**Automatic weather sensor**  
Sun and wind monitors and wind sensors to io standard ensure automatic, weather-dependent control of awnings – even when there's no one at home.





Standard RAL colours *at no extra charge:*

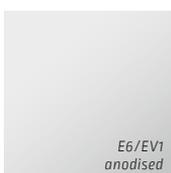


Textured finishes *at no extra charge:*



# 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.

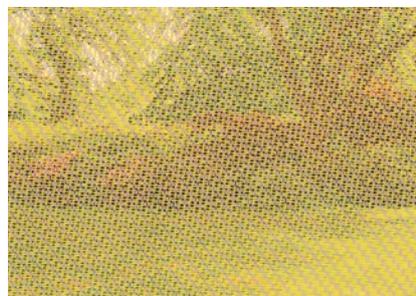
**Some of our quality features:**

- 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.*

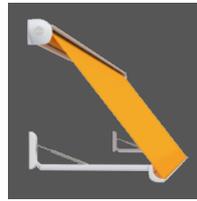


# Micro 100 / 150

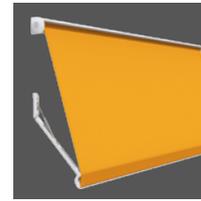
Equipment and technical features



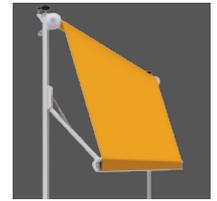
Manufactured and assembled in Germany  
Quality and technology CE-compliant



Micro 100



Micro 100

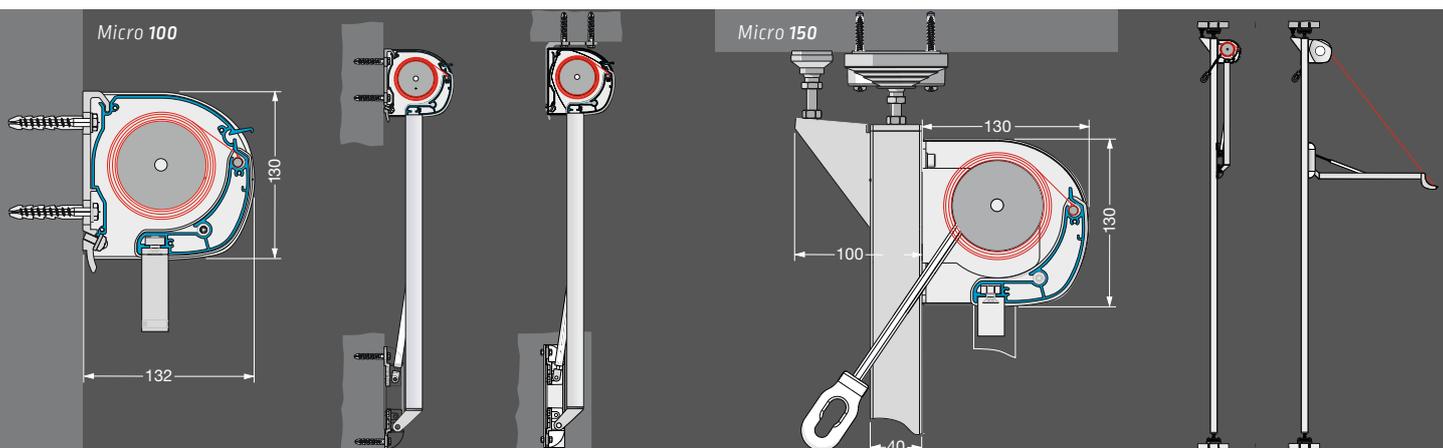


Micro 150

Type (= max. awning pitch)	90°	135°	135°
Technology	Drop-arm awning	Drop-arm awning	Drop-arm awning
Casing (H x T)	130 x 132 mm	130 x 132 mm	130 x 130 mm
<b>Widths (max.)</b>			
1 unit (single panel)	700 cm	700 cm	350 cm
<b>Drops</b>			
Arm lengths 75 / 100 / 125	■	■	■
Arm lengths 150 / 175 cm	■	■	-
Special arm lengths	□	□	□
<b>Height</b>			
Ordering height (max.)			300 cm
<b>Drive</b>			
Electric motor (for wall switch)	■	■	□
Radio motor (io or RTS)	□	□	□
Crank drive	□	□	■
<b>Frame colours</b>			
17 RAL colours and 6 textured finishes (Lewens standard colours)	■	■	■
Natural silver (E6/EV 1 anodized, small components RAL 9006)	■	■	-
Special RAL, special colours and effect finishes	□	□	□
<b>Awning fabrics from the LEWENS collection</b>			
Branded acrylic (spun-dyed, ultra fade resistant)	■	■	■
Branded polyester (spun-dyed, ultra fade resistant)	□	□	□
Soltis 92	□	□	□
Screen	□	□	-
Tenara quality sewing yarn	■	■	■
Ultrasonic seam welding	□	□	□
<b>Options</b>			
Radio motor + radio remote control (io or RTS)	□	□	□
Automatic weather sensor (sun, wind, rain)	□	□	□
<b>Attachment</b>			
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 200 / 300

Equipment and technical features



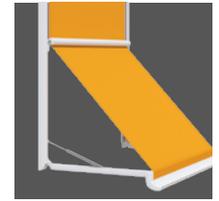
Manufactured and assembled in Germany  
Quality and technology CE-compliant



Micro 200



Micro 200



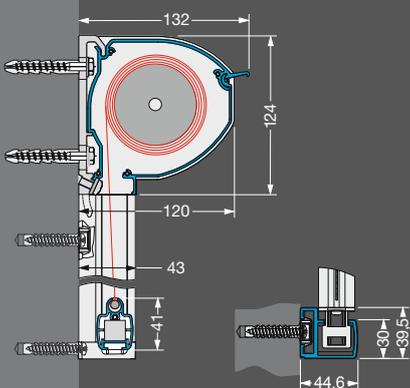
Micro 300

Type	Track guide	Cable guide	Markisolette
Technology	Vertical awning	Vertical awning	Markisolette
Casing (H x T)	124 x 132 mm	124 x 132 mm	172 x 138 mm
<b>Widths (max.)</b>			
1 unit (single panel)	400 cm	400 cm	350 cm
<b>Height (max.)</b>			
System height	300 cm	300 cm	275 cm
Arm length (Standard) / arm pitch (max.)			72,5 cm / 135°
<b>Drive</b>			
Electric motor (for wall switch)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Radio motor (io or RTS)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Crank drive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Frame colours</b>			
17 RAL colours and 6 textured finishes (Lewens standard colours)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Natural silver (E6/EV 1 anodized, small components RAL 9006)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Special RAL, special colours and effect finishes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Awning fabrics from the LEWENS collection</b>			
Branded acrylic (spun-dyed, ultra fade resistant)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Branded polyester (spun-dyed, ultra fade resistant)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Soltis 92	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Screen	<input type="checkbox"/>	<input type="checkbox"/>	-
Tenara quality sewing yarn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ultrasonic seam welding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Options</b>			
Radio motor + radio remote control (io or RTS)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic weather sensor (sun, wind, rain)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Attachment</b>			
Wall	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ceiling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

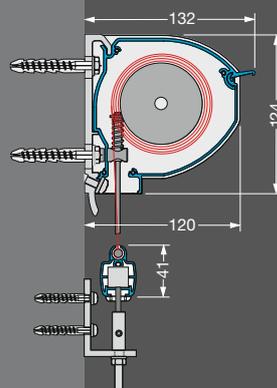
Possible dimensions and restrictions along with the complete range of electronic accessories can be found in the technical data in the current Lewens price list.

Standard  Option - not available

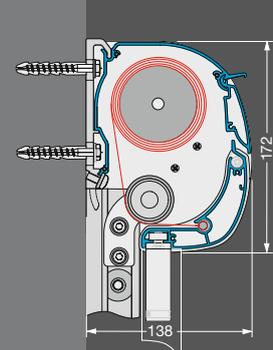
Micro 200 Track guide type



Micro 200 Cable guide type

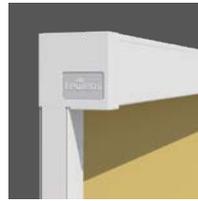


Micro 300

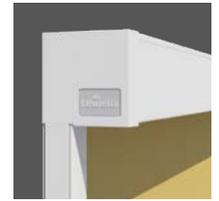


# Micro 860(Z) / 1060 (Z)

Equipment and technical features



Micro 860



Micro 1060



Manufactured and assembled in Germany  
Quality and technology CE-compliant

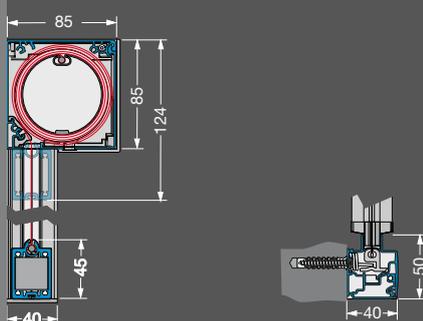
Type	860	860 Z	1060	1060 Z
Fabric guide	<b>open</b>	<b>closed</b>	<b>open</b>	<b>closed</b>
Cassette (H x D)	85 x 85 mm	85 x 85 mm	105 x 105 mm	105 x 105 mm
<b>Widths, 1 unit (max.)</b>				
Motor drive	300 cm	275 cm	400 cm	400 cm
Crank drive	300 cm	200 cm	340 cm	200 cm
<b>System heights (max.)</b>				
Motor drive	250 cm	175 cm	375 cm	350 cm
Crank drive	200 cm	175 cm	200 cm	200 cm
<b>Drive</b>				
Electric motor (for wall switch)	■	■	■	■
Radio motor (io or RTS)	□	□	□	□
Crank drive	□	□	□	□
<b>Frame colours</b>				
17 RAL colours and 6 textured finishes (Lewens standard colours)	■	■	■	■
Natural silver (E6/EV 1 anodized, small components RAL 9006)	■	■	■	■
Special RAL, special colours and effect finishes	□	□	□	□
<b>Awning fabrics from the LEWENS collection</b>				
Screen	■	■	■	■
Soltis 92	■	-	■	-
Branded acrylic (spun-dyed, ultra fade resistant)	-	-	* □	* □
Branded polyester (spun-dyed, ultra fade resistant)	-	-	* □	* □
<b>Options</b>				
Radio motor + radio remote control (io or RTS)	□	□	□	□
Automatic weather sensor (sun, wind, rain)	□	□	□	□
<b>Attachment</b>				
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.

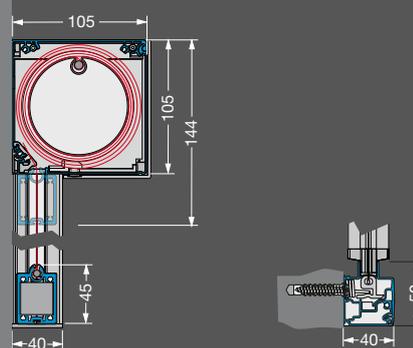
■ Standard □ Option - not available

\* up to max. 300 x 300 cm

Micro 860 (Z)



Micro 1060 (Z)

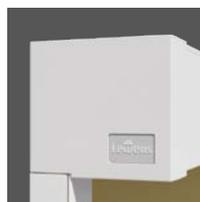


# Micro 4000 Z

Equipment and technical features



Manufactured and assembled in Germany  
Quality and technology CE-compliant

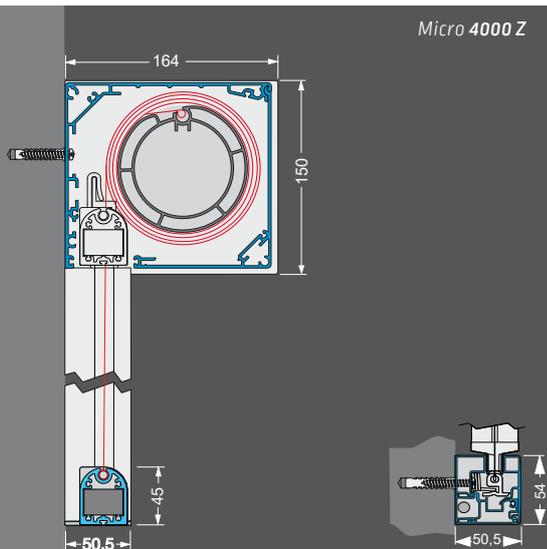


Micro 4000 Z

<b>Type</b>	4000 Z
Fabric guide	closed
Cassette (H x D)	150 x 164 mm
<b>Widths, 1 unit (max.)</b>	
up to 300 cm in height	550 cm
<b>System height (max.)</b>	
up to 300 cm wide	600 cm
<b>Drive</b>	
Electric motor (for wall switch)	■
Radio motor (io or RTS)	□
Crank drive	-
<b>Frame colours</b>	
17 RAL colours and 6 textured finishes (Lewens standard colours)	■
Natural silver (E6/EV 1 anodized, small components RAL 9006)	■
Special RAL, special colours and effect finishes	□
<b>Awning fabrics from the LEWENS collection</b>	
Screen	■
Soltis 92	-
Branded acrylic (spun-dyed, ultra fade resistant)	-
Branded polyester (spun-dyed, ultra fade resistant)	-
Window awnings	□
<b>Options</b>	
Radio motor + radio remote control (io or RTS)	□
Automatic weather sensor (sun, wind, rain)	□
<b>Attachment</b>	
Wall / ceiling	■

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





[www.lewens-markisen.de](http://www.lewens-markisen.de)



Your stockist will be happy to advise you: