

safe · timeless · beautiful



***markilux***

## ***Vertical Blinds and Awnings***

Shade - where you need it. Comforting coolness.  
Intelligent technology. Colours to cater for every taste.  
Discover the ideal markilux for you!

Enjoy the summer in style with markilux awnings.

[www.markilux.com](http://www.markilux.com)



## Round or square? Most importantly a **markilux**

markilux vertical blinds and awnings come in both a *round* ("markilux 8..") and a *square* ("markilux 7..") cassette. The markilux 869, 889 and 893 are only available with a round cassette. Your decision will depend on the building, the situation on site and your own personal taste.



All cassettes are continuous over the whole width of the blind which makes versatile and easy fixture possible.

Two blinds can be coupled together so that just about any window can be shaded.

It goes without saying that all components are protected against corrosion and are low in maintenance.

	Vertical Cassette Blinds						Drop-arm Cassette Awnings		Marquisolettes		Triangular Shading
	710/810	720/820	725/825	750/850	760/860	869	730/830	791/891	740/840	745/845	893
<b>Guide system</b>											
cable	•	-	-	-	-	-	-	-	-	-	-
stainless steel	-	-	-	•	-	-	-	-	-	-	-
track	-	•	•	-	-	-	-	-	•	•	•
tensioning system	-	-	-	-	•	•	-	-	-	-	-
<b>Mechanics</b>											
autolift arm	-	-	-	-	-	-	-	•	-	-	-
gas piston	-	-	-	-	-	-	•	-	•	•	•
<b>fixture type</b>											
face fixture	•	•	•	•	•	•	•	•	•	•	•
top fixture	•	-	•	•	-	-	•	•	•	•	-
stand-off brackets	-	-	•	-	•	•	-	-	-	•	•
<b>Operation type</b>											
manual operation	•	•	•	•	•	•	•	•	•	•	-
motor operation*	•	•	•	•	•	•	•	•	•	•	•**
interior man. op.*	•	•	-	•	-	-	•	-	•	-	-
<b>Extras</b>											
	-	-	-	-	tensioning system pre-assembled	tensioning system pre-assembled	wedge-in accro bars*	for maximum headroom	windlock mechanism	windlock mechanism	-

\* available at a surcharge / \*\* only available with a motor

### Save energy by making use of solar protection systems

## markilux awnings contribute to environmental protection

Effective heating systems, good insulation, modern energy-saving light bulbs - private households too can do a lot to reduce energy consumption and the emission of greenhouse gasses. One area that is often overlooked in this regard is solar shading. Though it is precisely here that with comparatively little investment much can be done to reduce the damaging emission of CO<sub>2</sub>. The big advantage of shutters and solar shading lies in their flexibility. They can be put to use according to the time of day or year so that they positively influence the overall energy balance of a building.

Shading windows and glass areas in this way in the summer months results in a reduced use of air conditioning and in many cases even makes it superfluous. In the colder months exterior sunshading products can be retracted during the day to allow the energy supplied by the winter sun to bolster the building's central heating system. At night a combination of interior and exterior sunshading especially can assist in building up a cushion of air that will slow down the loss of heat to the exterior. The energy consumption for heating a house can be reduced by up to 10% in this way.

A current study undertaken by the European Solar Shading Organization (ES-SO), the umbrella organisation of the European Shutter and Solar Shading Association, attributes an enormous environmental protection potential to this use of solar shading: in total 111 million tonnes of CO<sub>2</sub> could be saved annually in Europe by the sensible use of solar shading alone. Of this 80 million tonnes would be saved by reducing the use of air conditioning and 31 million tonnes by reducing demands for heating.





## *Vertical Cassette Blinds and Awnings*

Everyone loves sunshine but would nevertheless like to block it out from time to time. markilux vertical cassette blinds and awnings represent the easiest way to get the right dose of sunlight, so that you can enjoy the pleasant side of life even more.

The reliable, sophisticated mechanism ensures problem-free installation and the high-class materials and quality of workmanship guarantee durability. A large number of practical details mean that you get precisely the markilux, that suits your windows.





**markilux 710/810**

**Vertical cassette awnings with lateral guide cables, proven and practical, classic and classy**

A tried and tested principle for providing cool shade and pleasant lighting. And at the same time it reduces heat gain as well as maintaining privacy.

**Cassette / Fixture:**

It bears the weight of your markilux and is particularly sturdy. The continuous cassette profile makes it easy to fit in any situation and whether face or soffit fixture.

**Cover:**

All markilux awning fabrics are available. The purpose-made fabrics transolair and transilk are to be especially recommended, as they allow an outside view as well as giving pleasant shade.

**Dimensions:**

Just as you wish. Then with the possibility of connecting two awnings together your new markilux can fit just about any window.

**Operation:**

The awning is fitted as standard with manual operation (universal joint with bayonet fitting). Hard-wired or RTS motor operation is available on request.



markilux 810



universal joint with guide cables



guide cables

**Optional accessories:**



hard-wired motor operation or alternatively RTS motor with radio remote control



sun and wind sensor



interior operation

**Frame colours:**



traffic white (RAL 9016)



metallic aluminium (RAL 9006)



grey brown (RAL 8019)



**markilux 720/820 and  
markilux 725/825**

**The vertical cassette blind with guide rails making fixing possible without additional brackets**

They are not just visually pleasing to the eye, they also grip your markilux particularly well. It's just a small detail, but the stand-off brackets mean that your markilux 725/825 can be installed very flexibly as well.

**Cassette / Fixture:**

It bears the weight of your markilux and is particularly sturdy. The continuous cassette profile makes it easy to fit in any situation, whether to a window frame or the wall. (By virtue of the stand-off brackets the markilux 725/825 is very versatile).

**Cover:**

All markilux awning fabrics are available. The purpose-made fabrics transolair and transilk are to be especially recommended, as they allow an outside view as well as giving pleasant shade.

**Dimensions:**

Just as you wish. Then with the possibility of connecting two awnings together your new markilux can fit just about any window.

**Operation:**

The awning is fitted as standard with manual operation (universal joint with bayonet fitting). Hard-wired or RTS motor operation is available on request.



markilux 820 with angled guide rails

markilux 825 stand-off guide track supports



side view markilux 720



side view markilux 820

**Optional accessories:**



hard-wired motor operation or alternatively RTS motor with radio remote control



sun and wind sensor



interior operation

**Frame colours:**



traffic white (RAL 9016)



metallic aluminium (RAL 9006)



grey brown (RAL 8019)



**markilux 750/850**

**The vertical cassette blind with stainless steel guide rods. The elegant alternative to the customary guide cable.**

Which takes your fancy more? Here is the markilux for everyone, who prefers stainless steel guide rods to guide cables.

**Cassette / Fixture:**

It bears the weight of your markilux and is particularly sturdy. The continuous cassette profile makes it easy to fit in any situation and whether face or soffit fixture.

**Cover:**

All markilux awning fabrics are available. The purpose-made fabrics transolair and transilk are to be especially recommended, as they allow an outside view as well as giving pleasant shade.

**Dimensions:**

Just as you wish. Then with the possibility of connecting two awnings together your new markilux can fit just about any window.

**Operation:**

The awning is fitted as standard with manual operation (universal joint with bayonet fitting). Hard-wired or RTS motor operation is available as a special accessory.



markilux 850



side view markilux 750



side view markilux 850



stainless steel guide rods at the bottom

**Optional accessories:**



hard-wired motor operation or alternatively RTS motor with radio remote control



sun and wind sensor



interior operation

**Frame colours:**



traffic white (RAL 9016)



metallic aluminium (RAL 9006)



grey brown (RAL 8019)



## markilux 760/860

The vertical cassette blind with guide tracks and tensioning system that provides superb cover tension and an excellent appearance.

Particularly clean cut and under perfect tension - the vertical blind with the vario tensioning belt system.

### Cassette / Fixture:

It bears the weight of your markilux and is particularly sturdy. The continuous cassette profile makes it easy to fit in any situation, whether fitted to the wall or the window frame. The pre-assembled delivery and the clip-on bracket system make it particularly quick to fit.

### Cover:

All markilux awning fabrics are available. The purpose-made fabrics transolair and transilk are to be especially recommended, as they allow an outside view as well as giving pleasant shade.

### Dimensions:

Just as you wish. The maximum width is 400 cm at an extension of 250 cm. The maximum extension of 400 cm. can be achieved up to a width of 325 cm.

### Operation:

The awning is fitted as standard with manual operation (universal joint with bayonet fitting). Hard-wired or RTS motor operation is available as a special accessory.

### Special features:

The tensioning system using a combined elastic and kevlar belt provides ideal cover tension (maximum tension is achieved when the awning is fully extended).

### Optional accessories:



hard-wired motor operation or alternatively RTS motor with radio remote control



sun and wind sensor

### Frame colours:



traffic white  
(RAL 9016)



metallic  
aluminium  
(RAL 9006)



grey brown  
(RAL 8019)



markilux 760



side view of the  
markilux 760



side view of the  
markilux 860



tracks with belt tensioning  
system, awning retracted,  
markilux 860



tracks with belt tensioning  
system, awning  
extended



**markilux 869**

**Elegant and svelte - the vertical blind that caters for large widths and drops.**

with a vario-belt tensioning system to give optimum cover tension

**Cassette / Fixture:**

The awning cover is well protected inside the sturdy, self-supporting cassette. Even in the case of larger areas the stability of the system and good cover rolling characteristics can be guaranteed thanks to the 85 mm diameter roller. Thanks to the patented clip-on mechanism that connects the brackets to the guide tracks the system is very easy to install.

**Cover:**

All markilux awning fabrics are available. The purpose-made fabrics transolair and transilk are to be especially recommended, as they allow an outside view as well as giving pleasant shade.

**Dimensions:**

With a width of 600 cm and a maximum drop of 350 cm the markilux 869 is the ideal sunshading system for large windows.

**Operation:**

As standard the system is supplied with a gearbox and winding handle. On request the blind can be supplied with a hard-wired or RTS motor with remote control (surcharge).

**Special features:**

The vario-belt system gives ideal cover tension (the maximum tension is attained when the blind is completely extended). Depending on the dimensions the markilux 869 is stable up to wind resistance class 3 (Beaufort 6). Even larger areas offer comfort in safety up to wind resistance class 2 (Beaufort 5).



**meets wind resistance class 3 depending on the dimensions thanks to the combined belt tensioning system (corresponds to Beaufort 6)**

markilux 869

**Optional accessories:**



hard-wired motor operation or alternatively RTS motor with radio remote control



sun and wind sensor



reveal fixture, round cassette



side view with winding handle, manual operation

**Frame colours:**



traffic white (RAL 9016)



metallic aluminium (RAL 9006)



grey brown (RAL 8019)



## *Drop-arm Cassette Awnings*

Pleasant shading - but always sufficient light at the same time: The angled section of the drop-arm awning makes sure you always get it just right. After all it's not a question of light or dark but of getting the right "shade" in between.

Excellent technology, high-class materials and first-rate workmanship turn your markilux into a highly practical gem on the façade of your home. If you wish you also have the possibility of completely covering every window.





**markilux 730/830**

**Drop-arm cassette awnings with gas piston tensioned arms. Made-to-measure shading, as and where you need it.**

The markilux that handles light protection and heat loss flexibly - any pitch is possible up to an angle of 140°. Highly effective gas pistons at the pivot point of the arms ensure excellent cover tension at any pitch.

**Cassette / Fixture:**

It bears the weight of your markilux and is particularly sturdy. The continuous cassette profile makes it easy to fit in any situation and whether face or soffit fixture.

**Cover:**

All markilux awning covers are available - it simply depends on how much light you wish to allow in.

**Dimensions:**

Just as you wish. Then with the possibility of connecting two awnings together your new markilux can fit just about any window.

**Mechanics:**

Highly effective gas pistons that ensure smooth operation of the awning and a taut awning cover.

**Operation:**

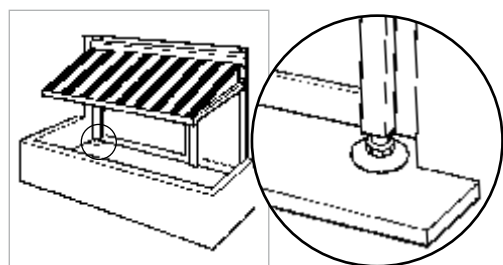
The awning is fitted as standard with manual operation (universal joint with bayonet fitting). Hard-wired or RTS motor operation is available on request.

**Special features:**

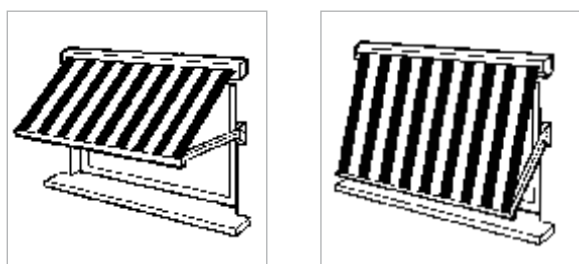
Practical wedge-in accro bars are available if installation on a balcony is required, which can e.g. be clamped between the balcony above and that of the customer.



markilux 830



wedge-in accro bars with infinitely adjustable drop arms (dropping to a pitch of 140°)



the window can be covered completely thanks to the arm pivoting angle of 140° (except in the case of arms 150 cm in length)

**Optional accessories:**



hard-wired motor operation or alternatively RTS motor with radio remote control



sun and wind sensor



interior operation

**Frame colours:**



traffic white (RAL 9016)



metallic aluminium (RAL 9006)



grey brown (RAL 8019)



## markilux 791/891

**The drop-arm awning with autolift arms provides increased headroom**

For those who are looking for versatile, value-for-money sun shading products for windows or French doors that open out onto a patio.

### Cassette / Fixture:

It bears the weight of your markilux and is particularly sturdy. The continuous cassette profile makes it easy to fit in any situation.

### Cover:

All markilux awning covers are available - it simply depends on how much light you wish to allow in.

### Dimensions:

Just as you wish. The maximum width is 700 cm and an arm length up to 200 cm is possible.

### Mechanics:

Springs make sure the arms move smoothly and that the cover remains taut.

### Operation:

The awning is fitted as standard with manual operation (universal joint with bayonet fitting). Hard-wired or RTS motor operation is available on request.



markilux 791 with autolift arms

### Optional accessories:



hard-wired motor operation or alternatively RTS motor with radio remote control



sun and wind sensor



interior operation

### Frame colours:



traffic white  
(RAL 9016)



metallic aluminium  
(RAL 9006)



grey brown  
(RAL 8019)



# *Marquisolettes*

Exterior blinds create individualised worlds from light and shade. The most personal of these can be experienced with a markilux marquisolette. It is the combination of complete protection from light and heat with the flexibility of a drop-arm awning. The unique windlock mechanism means that it holds its own even in strong winds.

A marquisolette locks inquisitive looks out but does not lock you in - and are so attractive in appearance, that they quickly become an indispensable part of the façade.





## markilux 740/840 and markilux 745/845

**The ideal combination: half vertical blind, half drop-arm awning and very practical**

The markilux that is as solid as a rock – thanks to the top-rate slide mechanism with improved gas piston technology and the windlock device.

### Cassette / Fixture:

It bears the weight of your markilux and is particularly sturdy. The continuous cassette profile makes it easy to fit in any situation. The stand-off brackets enable the markilux 745/845 to be fitted directly to the window frame or to the wall.

### Cover:

All markilux awning covers are available - it simply depends on how much light you wish to allow in.

### Dimensions:

Just as you wish. Then with the possibility of connecting two awnings together your new markilux can fit just about any window.

### Operation:

The awning is fitted as standard with manual operation (universal joint with bayonet fitting). Hard-wired or RTS motor operation is available on request.



markilux 840



side view of the markilux 740



side view of the markilux 840



side view of the  
markilux 745



side view of the  
markilux 845

### Optional accessories:



hard-wired motor  
operation or  
alternatively RTS  
motor with radio  
remote control



sun and wind  
sensor



interior  
operation  
(740 and  
840 only)

### Frame colours:



traffic white  
(RAL 9016)



metallic  
aluminium  
(RAL 9006)



grey brown  
(RAL 8019)



## *Triangular shading*

Houses beg to be different - and windows too. The markilux triangular shading system makes sure, that your style of living does not stop when you reach the window. The markilux 893 doesn't just look good, it also makes it possible to regulate light and shade flexibly on those "impossible" windows.

But the motto holds even for unusual products: the best markilux quality is the only standard.





markilux 893



guide tracks using belts with high tensile strength to provide optimum cover tension.



the cassette with brush seal protects the cover against dirt when retracted.



rounded cassette and patented clip-on bracket mechanism to connect them to the tracks

## markilux 893

### The triangular shading system for those special situations

Whether fitted internally or externally or as an area shading on the inside of cupolas - this is the product you need for triangular windows and glass areas. Fitted with an innovative mechanism that provides ideal cover tension.

#### Cassette / Fixture:

It bears the weight of your markilux and is particularly sturdy. The attractively shaped, round cassette is supported by the guide tracks, which - using the patented clip-on fixture bracket system - are particularly easy and quick to install.

#### Cover:

Awning covers made of either acrylic, sunsilk snc or markilux transolair - depending on how much light you wish to allow in.

#### Dimensions:

The maximum width is 400 cm. An extension of up to 500 cm is available.

#### Operation:

The markilux 893 is fitted as standard with a motor. Gas pistons and two extremely strong cords ensure ideal cover tension.

#### Special features:

The markilux 893 can be installed vertically, horizontally or at an angle.

#### Optional accessories:



hard-wired motor operation or alternatively RTS motor with radio remote control



sun and wind sensor

#### Frame colours:



traffic white  
(RAL 9016)




metallic  
aluminium  
(RAL 9006)



grey brown  
(RAL 8019)

safe · timeless · beautiful



markilux awnings are quality products from  schmitz

[www.markilux.com](http://www.markilux.com)



04/09 · We reserve the right to make alterations without giving prior notice.