Stainless Steel
The **markilux® ES 1 Austenitic Stainless Steel Folding-arm Awning**

(covers cassette)

*the top-of-the-range, German product*

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**Optional Accessories:**
- Electronic controls
- Top fixture

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We reserve the right to make alterations without giving prior notice.
markilux® ES 1

The fascination of perfectly crafted workmanship in brushed finish marine grade stainless steel (1.4571). The harmony of material, design and function.

Especially suited for use in aggressive sea air and industrially polluted surroundings.

- Designer arms using the perfected gas piston technique provide for a taut cover in every position of extension
- The front profile, torque bar (Ø=50 mm) and roller (Ø=95 mm) are very sturdy, designed to withstand twist and deflection
- No gaps or overhang between awning and coverboard as it is completely adapted to the pitch of the awning both when extended and retracted
- The arms run in Teflon-coated bronze bushes
- The roller and cover are completely enclosed by the surrounding cover cassette, giving the unit an even more “stainless steel look”

End cap colour combinations
1 = copper
2 = brass

- Retracted, clean-cut, precise, imperious
- Stainless steel cover cassette in suitably refined design; end caps: standard i.e. stainless steel
- Retracted, with valance; end caps: copper
- Cover is protected by the completely enclosed cassette; end caps: brass
Included as standard with the delivery:

- radio-controlled electric operation for complete ease of use
- valance to give that typical awning look

new, imperious, long-lasting, the innovative awning you can pass on to the next generation!

- Awning during retraction as seen from below (without valance)
- The gas pistons ensure good cover tension in every awning position
- Awning in profile during extension
- The pitch is adjustable between 0° - 30° (not via a pitch adjustment mechanism)
- Pitch adjustment is simple and does not require the front profile position to be reset
The markilux® ES 1
Austenitic Stainless Steel
Folding-arm Awning
(cover cassette)

Dimensions

<table>
<thead>
<tr>
<th>Standard widths in cm.</th>
<th>250</th>
<th>300</th>
<th>350</th>
<th>400</th>
<th>450</th>
<th>500</th>
<th>550</th>
<th>600</th>
<th>650</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm length 200 cm.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arm length 250 cm.</td>
<td>–</td>
<td>–</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arm length 300 cm.</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arm length 350 cm. 1)</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. of face fixture brackets</td>
<td>2</td>
<td>2/3</td>
<td>2/3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. arms/rolltex bearings</td>
<td>2/0</td>
<td>2/1 5)</td>
<td>14 rpm 5)</td>
<td>17 rpm 5)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Motor drive

Radio-controlled motor for 2 arms
Order no.
763341

Possible dimensional variations: (in mm)

<table>
<thead>
<tr>
<th>Overall awning width</th>
<th>Standard widths</th>
<th>Intermediate widths</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tolerances in the width</td>
<td>+0 / –20</td>
<td>+0 / –20</td>
</tr>
<tr>
<td>Tolerances in the extension</td>
<td>+40 / –40</td>
<td>+40 / –40</td>
</tr>
</tbody>
</table>

Awning cover sizes: (in mm)

<table>
<thead>
<tr>
<th>markilux® ES 1</th>
<th>Standard widths</th>
<th>Intermediate widths</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cover width = (deduct from awning width)</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Cover length = (add to awning extension)</td>
<td>200</td>
<td>200</td>
</tr>
</tbody>
</table>

Awning cover tolerances: (in mm)

<table>
<thead>
<tr>
<th>(Tolerances in the width and drop of the cover)</th>
<th>From</th>
<th>To</th>
<th>Tolerances</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>2000</td>
<td></td>
<td>+5 / –5</td>
</tr>
<tr>
<td>2010</td>
<td>4000</td>
<td></td>
<td>+8 / –8</td>
</tr>
<tr>
<td>4010</td>
<td>6000</td>
<td></td>
<td>+12 / –12</td>
</tr>
<tr>
<td>6010</td>
<td>6500</td>
<td></td>
<td>+15 / –15</td>
</tr>
</tbody>
</table>

Not available: manual operation, shadeplus, side blind, pitch adjustment gear, coupled units, powder-coated units

N.B. Measure up carefully! We will not take awnings back because of incorrect size. Awnings are made to measure.
The arm length is measured with the awning at a pitch of 15° from the wall over the cover to the leading edge of the front profile.
Make a special note if an awning is to be fitted into a recess/reveal, and note the recess/reveal width separately.
The operation side should be given as if seen from the outside.
Please consult the special notes contained in the general information/markilux fabric collections.
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The markilux® ES 1
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Folding-arm Awning

Fixtures and Accessories

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Face fixture</td>
<td>assembly</td>
<td>744341</td>
</tr>
<tr>
<td>Top fixture</td>
<td>assembly</td>
<td>745791</td>
</tr>
<tr>
<td>Eaves fixture</td>
<td>assembly</td>
<td>745851</td>
</tr>
<tr>
<td>Coverboard support</td>
<td>assembly with face fixture bracket</td>
<td>746331</td>
</tr>
<tr>
<td></td>
<td>assembly with top fixture bracket</td>
<td>746341</td>
</tr>
</tbody>
</table>

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Important Measurements for Fitting the Stainless Steel Folding-arm Awning markilux® ES 1

Measurements may vary slightly.

Angle of pitch / walk-under height

vertical height = fixture height – X

[Diagram showing angle of pitch]

Bracket positions

If the brackets cannot be positioned in accordance with this table, make sure the actual bracket positions are noted on the order form!

[Diagram showing bracket positions]

N.B. Please observe a min. distance of 6 cm between the arm bearer and the bracket because otherwise the pitch cannot be adjusted.

X = min. distance between the two brackets if fitted outside the arm bearers.
How to fit the Stainless Steel Folding-arm Awning markilux® ES 1:

- **Face fixture**
- **Top fixture**
- **Standard eaves fixture**

The eaves fixture plate can be rotated by ±15°/–15°.
How to fit the Stainless Steel Folding-arm Awning markilux® ES 1:

1. Face fixture with coverboard support clip

2. Clearances at various awning pitches