COMMERCIAL PARASOLS
### SHAPE / SIZE

<table>
<thead>
<tr>
<th>RIALTO</th>
<th>FILIUS</th>
<th>SCHATTELLO</th>
<th>ALBATROS</th>
</tr>
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### ACCESSORIES

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<tr>
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<th>FILIUS</th>
<th>SCHATTELLO</th>
<th>ALBATROS</th>
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<tbody>
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<td>Loudspeakers</td>
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<td>Parasol roof stabiliser</td>
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<td>Rain gutter</td>
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<td>Side sheet</td>
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<tr>
<td>Tubular motor</td>
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<tr>
<td>USB charging station</td>
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</table>

* Special sizes on request
The company management
In 1983, Anton May and his wife Gertrud May set up a small family business called MAY Gerätebau. Nowadays, after a successful company transition to the new generation, tradition in combination with modern management characterize the company. The family enterprise is run in second generation by the brothers Karl-Heinz and Klaus-Peter May.

The Future
Like started in the first generation, MAY continues to count on innovation, technically high standards and flexibility. Consistent growth proves MAY that this the right way to meet the needs of the customers. The family enterprise counts on long-term planning. Organic growth with high standards of quality ensures new solutions and outstanding products for your terrace in the future.
A FAMILY ENTERPRISE

Karl-Horst May
Industrial mechanic
Graduate industrial engineer (FH)

Klaus-Peter May
Graduate engineer (FH)
Graduate business administrator (BA)

LARGEST MANUFACTURER OF PARASOLS IN GERMANY

With approximately 140 employees
The team
Many factors contribute to the success. However, the most important is and remains the employee. The MAY company focusses on a positive working atmosphere. Challenges are coped as a team. Long-term employees and the positive atmosphere are a prove.

Grown structures and customer satisfaction
The production in Betzenweiler is true to the motto: “Together we are strong”. More than 140 motivated employees ensure quality workmanship by MAY daily. Short distances result in short responses. The MAY company is focussing on improving itself every year – for high quality products and satisfied customers.

Premium parasols
Since more than 30 years creative concepts have been transferred consequently into technical solutions. The result: multi-purpose parasols, used and proven, day by day, worldwide. The experience gained by our long-time employees has contributed to the consistently high standard of all our company objectives – from the manufacturing process to customer service.

Made in Germany
This seal of quality has been established a long time ago by the high production depth of German manufacturers. Here, this is still consequently in practice. Every year there are additional employees hired and the machinery gets extended and updated. The in-house sewing department uses cutting automats and industrial sewing machines for the fitted canopy production. At the metal working, 15 CNC machines ensure highest precision. The MAY family stays for the “Made in Germany” production, there is no dilution of this seal of quality. The customer gets products that are really fully produced in Betzenweiler, Germany.

Satisfied customers and the pleasure of mutually carving a way to success – that is what motivates us anew every day. Please, allow yourself some time for this catalogue and enjoy the year outdoors with our MAY parasols.

SMALL
DETAILS THAT MAKE A GREAT DIFFERENCE

Designed in Germany
Manufactured in Germany
Tried and proven in the whole world
Made in Germany
Atmosphere and architectural style – both indoors and outside

This impressive parasol concept can be put to a variety of uses to suit private, public or business requirements. Furthermore, it can create a welcoming ambience in large-area squares, exhibitions, stylish venues and foyers.
Frame joints
For us perfection in workmanship is an absolute must. Therefore, all moving axes are fitted with bolts. This extravagant technology ensures maximum stability and durability as well as easy execution of repairs.

360° Rotation
All our anchoring systems are equipped with a special clamp that allows the parasol to be rotated completely to follow the path of the sun.

Shade grouping
Specially designed for large-area outdoor catering. The sturdy RIALTO mast can hold up to four elegantly grouped shades. A real eye-catcher for the patio with a difference!

The frame
The poles of our parasols are all made of high-quality alloyed, extruded aluminium profiles. Frame surfaces are powder-coated, highly impact-proof, and available in pure white RAL 9010. Special colours available on request.

- support pole Ø 76 x 3 mm
- spoke dimensions 30 x 15 x 2 mm / 25 x 15 x 2 mm
- support strut dimensions 20 x 15 x 2 mm

Operating the parasol
with removable stainless steel crank.

Installation options
Mobile see page 28 onwards, stationary see page 29 onwards.

Canopy covering
Due to a self-tensioning telescopic spring system, the colour remains perfectly taut, even after years of usage. The canopy covering can easily be exchanged by means of a practical hooking system. For fabrics and colours see page 194 onwards.

When not in use
The protective cover provided can be easily slipped over the parasol during bad weather periods.

Valance options
Without valance
Straight valance
RIALTO RP – canopy with pivot system

The parasol can be moved and adjusted to the position of the sun with a removable crank. Thanks to an innovative pivot system the parasol can smoothly be tilted to an angle of max. 30° and rotated completely. The canopy is fixed by turning the crank clockwise.

Crank to fix the tilted canopy

Flexible tilt function (max. 30°)

Pivot system

Wall mount for strain relief

Wall mount for strain relief

MayTex-Acryl SA 314 010 white
RIALTO RG Ø 3.0 m
MayTex-Acryl DA 7560 light yellow
without valance

RIALTO RG 3.0 x 3.0 m
MayTex-Acryl SA 314 364 telegrey/white
without valance

straight valance

continuous valance
The heights specified are for parasols with MayTex-Acryl covering fabric that are mounted in an anchor tube (RZ118, RZ121). The increase in height for parasols with other installation bases can be seen in the list below:

<table>
<thead>
<tr>
<th>Installation Base</th>
<th>Height Increase (cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full frame pedestal: RZ111</td>
<td>+ 9</td>
</tr>
<tr>
<td>Full frame pedestal: RZ112</td>
<td>+ 12</td>
</tr>
<tr>
<td>Full frame pedestal: RZ114</td>
<td>+ 16</td>
</tr>
<tr>
<td>Full frame pedestal: RZ116</td>
<td>+ 19</td>
</tr>
<tr>
<td>Anchor plate: RZ123</td>
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<tr>
<td>Anchor plate: RZ123</td>
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</tbody>
</table>

3D view of installation base with top plate for winter protection. Base must be frost-proof and enlarged if the ground is unstable.

Dimensional tolerance approx. ± 5%. All measurements are to be understood as approximate.
### RIALTO – Accessories and Bases

**Frame paint finish**
Please state RAL number.

**Protective sleeve, version zipper and aluminium rod**
with zipper, grey tarp material. Please specify parasol size and valance option. Included in delivery of parasol.

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>RA130</th>
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</table>

**Covering made of MayTex-PVC**
approx. 480 g/m², only suitable for Ø 3 m, 2.85 x 2.85 m and 3 x 3 m.

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### Heights for Parasols

The heights specified are for parasols with MayTex-Acryl covering fabric that are mounted in an anchor tube (RZ118, RZ121). The increase in height for parasols with other installation bases can be seen in the list below:

**Full frame pedestal:**
- RZ111 + 9 cm
- RZ112 + 12 cm
- RZ114 + 16 cm

**Anchor plate:**
- RZ123 + 5 cm

3D view of installation base with top plate for winter protection. Base must be frost-proof and enlarged if the ground is unstable.

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### Dimensions

**RIALTO RG square**

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<tr>
<th></th>
<th>Single with 8 segments</th>
<th>Double with 8 segments</th>
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<tbody>
<tr>
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<td>m²</td>
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<tr>
<td>S</td>
<td>Width across flats</td>
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<td>B</td>
<td>cm</td>
<td>288</td>
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<tr>
<td>C</td>
<td>cm</td>
<td>72</td>
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<td>D=F</td>
<td>cm</td>
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<td>O</td>
<td>cm</td>
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<td>P</td>
<td>Arc length</td>
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<tr>
<td>Q</td>
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</table>

**Support pole diameter**  mm: outer Ø 76, pole thickness 3

**Installation base**  cm: length/width/min. depth 50 / 50 / 60

**Minimum-ballast**  Number of layers of concrete slabs XZ50 required:
- 1 x = approx. 112 kg
- 2 x = approx. 224 kg

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### Measurements

**RIALTO RG SIZES AND DATA**

<table>
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<td>T</td>
<td>cm</td>
<td>143</td>
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<td>J</td>
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<td>165</td>
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Dimensional tolerance approx. ±5%. All measurements are to be understood as approximate.
The heights specified are for parasols with MayTex-Acryl covering fabric that are mounted in an anchor tube (RZ118, RZ121). The increase in height for parasols with other installation bases can be seen in the list below:

- **Full frame pedestal:**
  - RZ111  + 9 cm
  - RZ112  + 12 cm
  - RZ114  + 16 cm
  - RZ116  + 19 cm
- **Anchor plate:**
  - RZ123  + 5 cm

3D view of installation base with top plate for winter protection. Base must be frost-proof and enlarged if the ground is unstable.

Dimensional tolerance approx. ±5%. All measurements are to be understood as approximate.
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**Dimensional Tolerance approx. ± 5%. All measurements are to be understood as approximate.**

**Covering made of MayTex-PVC**
approx. 480 g/m², only suitable for Ø 3 m, 2.85 x 2.85 m and 3 x 3 m.
Full frame pedestal without slabs
frame size 103 x 103 cm, total height 29 cm, height of frame \( x = 5 \text{ cm} \), weight approx. 27 kg, galvanized. For 2 sets of standard concrete slabs 50 x 50 x 5 cm.

\[ \text{art. no. RZ111} \]

Full frame pedestal without slabs
with 8 rubber diagonal support levelling screws, frame size 103 x 103 cm, total height min. 32 cm, max. 36 cm, weight approx. 28 kg, galvanized. For 2 sets of standard concrete slabs 50 x 50 x 5 cm.

\[ \text{art. no. RZ112} \]

Full frame pedestal on wheels
with rubber heavy-duty rollers and fixing brakes, frame size 103 x 103 cm, total height 36 cm, diameter of rollers 5 cm, weight approx. 28 kg, galvanized. For 2 sets of standard concrete slabs 50 x 50 x 5 cm.

Attention: wind sensitive!

\[ \text{art. no. RZ114} \]

Heavy-duty wheels Ø 15 cm
wheel diameter 15 cm, for uneven surfaces. Rubber, with fixing brakes, loading capacity 110 kg/wheel. Suitable for RZ414.

For orders with full frame pedestal \[ \text{art. no. 351498} \]
For retrofitting \[ \text{art. no. 351499} \]

Full frame pedestal on feet
for forklift or lift truck transport, frame size 103 x 103 cm, foot height \( y = 10 \text{ cm} \), galvanized, weight approx. 30 kg. For 2 sets of standard concrete slabs 50 x 50 x 5 cm.

\[ \text{art. no. RZ116} \]

Concrete slabs
1 set = 4 slabs, each 50 x 50 x 5 cm, weight per slab: approx. 28 kg, total weight approx. 112 kg.

\[ \text{art. no. XZ50} \]

Anchor tube to be embedded in concrete
2 pieces, screw-off upper part, for single and double-shade RIALTO, galvanized, weight approx. 9 kg, incl. top plate for winter protection. \( a = 22 \text{ cm}, b = 29 \text{ cm}, x = \Phi 17 \text{ cm}, y = 16 \text{ cm} \)

\[ \text{art. no. RZ118} \]
**RIALTO – stationary installation options**

**Anchor foot to be embedded in concrete**
2 pieces, screw-off upper part, for triple-shade and quad-shade RIALTO, galvanized, weight approx. 17 kg, incl. top plate for winter protection.

\[ a = 23 \text{ cm}, \ b = 32 \text{ cm}, \ x = 24 \text{ cm}, \ y = 21 \text{ cm} \]

art. no. RZ123

**Dowel-anchored plate**
Galvanized, weight approx. 25 kg.

\[ a = 25 \text{ cm}, \ x = 30 \text{ cm}, \ t = 1.2 \text{ cm}, \ z = 1.8 \text{ cm} \]

art. no. RZ124

**Wall bracket**
Galvanized, weight approx. 7 kg, wall plate 30 x 20 cm, \[ x = 7.2 \text{ cm} \], \[ t = 1 \text{ cm} \]. Bottom of support pole rests on bottom end of anchor tube. When ordering, please state installation height, i.e. distance from ground surface to bottom end of support mast. Otherwise it may become necessary to shorten the mast.

art. no. RZ125

**Wall pressure plate**
Fits for RZ125, galvanized; 30 x 20 cm; to be clamped onto the existing bars (only possible if these are very strong), bore holes for M16 stud bolts (not included in the delivery).

art. no. 352579

**Wall mount for strain relief**
To complement wall bracket RZ125, to be mounted with heavy-duty dowels at chest height.

art. no. RZ301

**Anchor bolt**

art. no. 200900
Wherever FILIUS is put to use – for outdoor catering, in pedestrian zones, for private, commercial or merely decorative purposes – it harmonizes well with its environment. Choose the perfectly matching colour and this parasol will spread brilliance and charm while providing high-quality shading. Its outstanding functionality is based on lightness and the option between rope pull and crank drive.
Frame joints
For us perfection in workmanship is an absolute must. Therefore, all moving axes are fitted with bolts and the canopy fabric is protected from damage. This extravagant technology ensures maximum stability and durability as well as easy execution of repairs.

Operating the parasol
FILIUS is available in two different versions, with rope pull (FS) or with crank drive (FK).

The frame
Frame surface is powder-coated, highly shock and impact-proof, available in following colours:

- Standard colours:
  - RAL 9010 pure white
  - RAL 9006 white aluminium

- Special colours, no extra charge:
  - RAL 8019 greybrown
  - RAL 7016 anthracite grey fine structure

Special colours available on request.

The frame is made of high-quality alloyed, extruded aluminium profiles.

- support pole Ø 55 x 2.5 mm
- spoke dimensions 30 x 15 x 2 mm / 25 x 15 x 2 mm
- support strut dimensions 25 x 15 x 2 mm

Top plate
Elegant, graceful, highly practical. Can be screwed off. Colour to match frame.

Canopy options
This optional, decorative textile bonnet for the top of the parasol canopy gives a feeling of airy, Mediterranean stylishness.

Canopy covering
Due to a special self-tensioning telescopic spring system the colour remains perfectly taut, even after years of usage. The canopy covering can easily and quickly be exchanged by means of a practical hooking system. For fabrics and colours see page 194 onwards.

Installation options
Mobile see page 46 onwards, stationary see page 50 onwards.

When not in use
The protective cover provided can easily be slipped over the parasol during bad weather periods.

Mounting
Pull parasol from cardboard sleeve, remove all packaging material, place parasol mast in installation base, that’s all – ready for use in a jiffy!

Additional equipment
Side sheets see page 192 onwards, rain gutter see page 44 onwards.
FILIUS FK Ø 3.0 m
MayTex-Acryl SA 314 014 mandarin
without valance

FILIUS FK 2.5 x 2.5 m
MayTex-Acryl SA 314 033 ivory
without valance

straight valance

continuous valance
The heights specified are for parasols with MayTex-Acryl covering fabric that are mounted in an anchor tube (DMZ118, DMZ146, DMZ150). The increase in height for parasols with other installation bases can be seen in the list below:

Cross pedestal: DMZ110 + 6 cm
Full frame pedestal: DMZ411 + 9 cm
Full frame pedestal: DMZ412 + 12 cm
Full frame pedestal: DMZ414 + 16 cm
Full frame pedestal: DMZ420 + 19 cm
Granite base: DMZ141 + 10 cm
Wheeled pedestal: DMZ282 + 14 / 15 cm
Anchor plate: DMZ261 + 4 cm
Base plate: DMZ271 + 3 cm

Intermediate and special sizes on request. Dimensional tolerance approx. 5%.
Protective sleeve, version zipper and aluminium rod
With integrated aluminium rod and zipper for easy operation. Made of tarp material, colour grey. Please specify parasol size and valance option. Included in delivery of parasol.

art. no. FA130

Seawater-resistant stainless steel connections
To allow the use of the FILIUS directly at the coast nearby salty seawater, rustproof materials must be used. With this package all turned and standard parts are supplied in stainless steel V4A (1.4401, AISI 316). Optimal protection for minimal oxidation of the aluminium frame.

art. no. 206171

Rain gutter
in MayTex-Poly or MayTex-PVC, with aluminium rods for stabilization. Can only be used with valance.

art. no. XA141

Glass-fibre reinforced plastic holder for side sheet and rain gutter
1 piece per spoke required
with 1 eyelet screw
with 2 eyelet screws

art. no. FA141 01
art. no. FA141 02

Length extension of centre pole
State required additional length in cm (max. 50 cm).

Shortening of centre pole
Length on request, dependent on parasol size.

Frame paint finish
Please state colour of powder-coating in RAL.

Canopy covering MayTex-PVC
approx. 480 g/m² ± 5%.

Side sheets
Textile in MayTex-Poly, see page 192 onwards.
FILIUS – mobile installation options

Cross pedestal
mounted with screws, frame size 83 x 83 cm, total height 28 cm, galvanized, weight approx. 4.5 kg. For standard concrete slabs 40 x 40 x 5 cm.

art. no. DMZ110

Full frame pedestal
frame size 84 x 91 cm, total height 33 cm, height of frame x = 5 cm, galvanized, weight approx. 23 kg. For 1 set of standard concrete slabs 40 x 40 x 5 cm.

art. no. DMZ411

Full frame pedestal, adjustable for slanting surfaces
with 4 rubber diagonal support levelling screws, frame size 84 x 91 cm, total height min. 34 cm, max. 40 cm, galvanized, weight approx. 24 kg. For 1 set of standard concrete slabs 40 x 40 x 5 cm.

art. no. DMZ412

Full frame pedestal on wheels
with rubber heavy-duty rollers and fixing brakes, frame size 84 x 91 cm, total height 40 cm, diameter of rollers 5 cm, weight approx. 24 kg, galvanized. For 1 set of standard concrete slabs 40 x 40 x 5 cm. Attention: wind sensitive!

art. no. DMZ414

Heavy-duty wheels Ø 15 cm
wheel diameter 15 cm, for uneven surfaces. Rubber, with fixing brakes, loading capacity 110 kg/wheel. Suitable for DMZ414.

For orders with full frame pedestal art. no. 351498
For retrofitting art. no. 351499

FILIUS – mobile installation options

Full frame pedestal on feet
for forklift or lift truck transport, frame size 84 x 91 cm, foot height y = 10 cm, weight approx. 25 kg, galvanized. For 1 set of standard concrete slabs 40 x 40 x 5 cm.

art. no. DMZ420

Frame pedestal cover plate
stainless steel 1.4310, fits on DMZ411, DMZ412, DMZ414 and DMZ420. For retrofitting.

art. no. 200905

Concrete slabs
1 set = 4 slabs, each 40 x 40 x 5 cm, weight per slab: approx. 18 kg. Total weight approx. 72 kg.

art. no. XZ40

Granite base
Ø approx. 70 cm, 2 pieces, round, grey, polished, 4 recessed grips, stainless steel surface, weight approx. 100 kg, height x = approx. 10 cm.

art. no. DMZ141

Constructional innovation may become necessary in the course of technical progress.
FILIUS – mobile installation options

**Wheeled pedestal**
- incl. weights, rubber rollers, stainless steel locking rod. Colour graphite, 75 x 75 cm, weight approx. 100 kg.
- Colour graphite, 75 x 75 cm, weight approx. 100 kg.

**Free-standing base plate**
- plate size 80 x 80 cm, steel plate thickness x = 12 mm, galvanized, weight approx. 60 kg, high stability up to Beaufort 5.

**Add-on weight plate**
- fits for DMZ271 and DMZ139, for retrofitting. Plate size 78 x 78 cm, steel plate thickness x = 12 mm, galvanized, weight approx. 56 kg.

**Anti-slip mat**
- 1 piece, 80 x 80 cm, suitable for the steel plates of the installation options of DMZ271 and DMZ139. Increases the coefficient of friction between steel plate and floor covering (wood, concrete slabs, asphalt) and therefore decreases slipping caused by wind. Colour black, x = 3 mm.

**Full frame pedestal**
- customized height to fit patio surface, frame size 83 x 83 cm, screw-off upper part, galvanized, weight approx. 23 kg, incl. top plate for winter protection, s = Ø 8 cm. For 1 set of standard concrete slabs 40 x 40 x 5 cm.

**Full frame pedestal with placement hinge**
- customized height to fit patio surface, frame size 83 x 83 cm, screw-off upper part, galvanized, weight approx. 24 kg, incl. top plate for winter protection, s = Ø 8 cm. For 1 set of standard concrete slabs 40 x 40 x 5 cm.
FILIUS – stationary installation options

Anchor tube to be embedded in concrete
2 pieces, screw-off upper part, galvanized, weight approx. 4.7 kg,
incl. top plate for winter protection.
a = 26 cm, b = 29 cm, s = Ø 8 cm, y = 15 cm.

art. no. DMZ118

DMZ118 options:
galvanized

DMZ118 upper anchor tube, extra length

DMZ118 lower anchor tube, extra length

DMZ118 options: galvanized with additional powder-coating

Standard length

Extra length + 10 cm

Extra length + 20 cm

Extra length + 30 cm

Extra length + 40 cm
FILIUS – stationary installation options

Anchor tube to be embedded in concrete
identical with DMZ118, tube and upper part stainless steel V4A [1.4571], surface glass bead blasted.
art. no. 352779

Anchor tube to be embedded in concrete with placement hinge
2 pieces, screw-off upper part, galvanized, weight approx. 5 kg,
incl. top plate for winter protection, bore for power cable
through centre post. Ø 5 cm, a = 26 cm, b = 28 cm, x = 12 cm,
y = 14.5 cm, z = 14 cm.
art. no. DMZ150

Anchor tube to be embedded in concrete for an existing foundation with a bore hole of min. Ø 71 mm;
2 pieces, screw-off upper part. The bore hole is filled with grouting or epoxy resin in order to fix the lower part of the anchor tube.
The existing foundation must be adequate in size for the designated parasol. Anchor tube: galvanized, weight approx. 3 kg;
square lower tube; top plate for winter protection.
a = 26 cm, b = 28.5 cm, s = Ø 8 cm, y = 12 cm
art. no. DMZ146

NEW!
Anchor tube with removable upper part (plug-in connection), to be embedded in concrete
suitable for daily assembly and disassembly (no tools required),
two-piece anchor tube with bayonet connector, secured within the
ground tube by centring pin, hot-dip galvanized, top plate for winter
protection included, anchor tube weight: approx. 2.2 kg, upper
anchor tube weight: approx. 2.6 kg,
a = 27 cm, b = 22 cm, c = 28 cm, y = 12 cm
art. no. DMZ169

Dowel-anchored plate
galvanized, weight approx. 5 kg,
a = 27.5 cm, x = Ø 21.5 cm, t = 1.2 cm, z = Ø 1.8 cm.
art. no. DMZ261

FILIUS – installation options

Constructional innovation may become necessary in the course of technical progress.
FILIUS – stationary installation options

Wall bracket
galvanized, weight approx. 5.5 kg, wall plate 30 x 16 cm, x = 20 cm, t = 0.8 cm. Bottom of support pole rests on bottom end of anchor tube. This option only makes sense in case of low balustrades and ledges, otherwise the parasol will hit the wall.

art. no. DMZ125

Wall pressure plate
fits for DMZ125 and DMZ170, galvanized, 30 x 16 cm; to be clamped onto the existing bars (only possible if these are very strong), bore holes for M16 stud bolts (not included in the delivery).

art. no. 200084

Wall bracket
galvanized, weight approx. 6.5 kg, wall plate 30 x 16 cm, x = 20 cm, t = 0.8 cm.

art. no. DMZ170

Corner wall bracket
galvanized, weight approx. 5.5 kg, x = 5.5 cm, t = 0.8 cm.

art. no. DMZ172

Dowel-anchored plate
customized height to fit patio surface, anchor plate 30 x 30 cm, screw-off upper part, galvanized, weight approx. 10 kg, incl. top plate for winter protection, s = Ø 8 cm.

art. no. DMZ129

Dowel-anchored plate with placement hinge
customized height to fit patio surface, anchor plate 30 x 30 cm, galvanized, weight approx. 13 kg, incl. top plate for winter protection, x = 12 cm, y = 14.5 cm.

art. no. DMZ127

Constructional innovation may become necessary in the course of technical progress.
Constructional innovation may become necessary in the course of technical progress.

**Anchor bolt**

Bolt and nut, fits for DMZ261, DMZ125, DMZ170, DMZ172, DMZ127, DMZ129, DMZ186 and DMZ194; approved for cracked and non-cracked concrete B25 to B55 (old compressive strength classes) C20/25 to C50/60 (new EU classification), also suitable for concrete B15 = C12/15 and natural stone with dense structure. Concrete bore hole Ø 16 x 115 mm. in stainless steel A4 1.4529. Package contains 4 bolts. European Technical Approval ETA-05/0087.

art. no. 200900

**Flat-roof dowel-anchored plate**

Externally insulated roof system, system-conform flat roof connection with liquid plastic, customized height to fit flat roof surface, dowel plate 30 x 30 cm, screw-off upper part, galvanized, weight approx. 13 kg, incl. top plate for winter protection, s = Ø 8 cm.

art. no. DMZ186

**Flat-roof dowel-anchored plate**

Externally insulated roof system, loose-and-fixed flange assembly, bitumen waterproofing system and synthetic waterproofing material. Total height is determined by order to achieve the same level as the flat roof ground, dowelled plate 30 x 30 cm. Upper part removable, galvanized, weight approx. 18 kg, including top plate for winter protection, s = Ø 8 cm.

art. no. DMZ194

**Ground screw anchor fixture**

Upper anchor tube, suitable for ground screw KSF F 140 x 2100-M. Screw-in ground anchor not included in delivery, standard parts for screwing included. Hot-dip galvanized, weight approx. 6 kg, a = 26 mm, x = 22 cm, t = 1.5 cm, see page 210 for further information.

art. no. DMZ329

**Screw-in ground anchor with upper anchor tube**

Incl. standard parts, parts unscrewed on delivery, steel, galvanized acc. DIN EN ISO 1461, weight approx. 30 kg, delivered in two ready-to-assemble parts. See page 210 for further information.

art. no. DMZ330

**Base plate**

Customized height to fit patio surface, to be screwed together on site, heaviest component approx. 60 kg, base plate size 80 x 80 cm, plate thickness x = 12 mm, screw-off upper part, galvanized, weight approx. 68 kg, incl. top plate for winter protection, y = 16.5 cm.

art. no. DMZ139

**Theft pin**

Padlock and pin, in stainless steel, for support pole Ø 55 mm. Suitable for retrofitting.

art. no. 200194

**FILIUS – stationary installation options**

**FILIUS – stationary installation options**
This is the classic and proven gastronomy parasol made by MAY. Thousands of customers appreciate its stability, durability and variety. Multiple sizes allow various combinations for an optimal shading of your terrace. You would like to please your guests on a hot summer’s day by offering them a welcoming seat outdoors in the cool shade? Or to charm them on a nippy day or a chilly night by conjuring up a cosy atmosphere with dimmed lights and comfortable heating? Then our strong but graceful SCHATTELLO is what you are looking for. The maintenance-free gearbox is designed for ultra-easy handling, even after many years of outdoor use in any weather.
SCHATTELLO, our giant parasol, is opened and closed with a smooth-running, removable stainless steel crank or with the help of a cordless drill (hex drill fitting). The reliable drive-system with accurate integrated bevel gears guarantees effortless handling, even after years of usage. For a more convenient operation the giant parasol can be equipped with a tabular motor at extra charge.

Central rod system
The robust parasol central rod system consists of two discs with support struts and spokes. In order to prevent the spokes from twisting, the lower distribution flange is firmly welded to the support pole. The frame is made of high-quality, alloyed, extruded aluminium profiles.

- support pole Ø 76 x 3 mm
- spoke dimensions 35 x 20 x 2 mm
- support strut dimensions 30 x 20 x 2 mm

Frame joints
For us perfection in workmanship is an absolute must. Therefore, all moving axes are fitted with easily removable bolts. This extravagant technology ensures maximum stability and durability as well as easy execution of repairs.

High-quality framework materials
Frame surface is powder-coated, highly shock and impact-proof, available in following colours:

- Standard colours:
  - RAL 9010 pure white
  - RAL 9006 white aluminium
- Special colours, no extra charge:
  - RAL 8019 greybrown
  - RAL 7016 anthracite grey fine structure

Special colours available on request.

Operating the parasol
SCHATTELLO, our giant parasol, is opened and closed with a smooth-running, removable stainless steel crank or with the help of a cordless drill (hex drill fitting). The reliable drive-system with accurate integrated bevel gears guarantees effortless handling, even after years of usage. For a more convenient operation the giant parasol can be equipped with a tabular motor at extra charge.

Top plate
Elegant and graceful. Can be screwed off. Colour to match frame.

Installation options
Mobile see page 106 onwards, stationary see page 110 onwards.

Canopy covering
Due to a special self-tensioning telescopic spring system the colour remains perfectly taut, even after years of usage. The canopy covering can easily and quickly be exchanged by means of a practical hooking system. For fabrics and colours see page 194 onwards.

Canopy options
This optional, decorative textile bonnet for the top of the parasol canopy gives a feeling of airy, Mediterranean stylishness.

Valance options
Without valance
Straight valance

Wind tunnel tested
We were able to prove the stability and sturdiness of our parasols during various tests in a wind tunnel. Even wind speeds of 50 km/h could not do any harm to a parasol of Ø 5 m. However, stability can only be guaranteed if the pedestal frame is adequately weighed down for the wind conditions of the intended location.

When not in use
The protective cover provided can easily be slipped over the parasol during bad weather periods.

Mounting
Pull parasol from cardboard sleeve, remove all packaging material, place parasol mast in installation base, that’s all – ready for use in a jiffy!

Additional equipment
Side sheets see page 192 onwards, rain gutter see page 88 onwards, premium equipment see page 178 onwards.

You will find our product video at: may.ag/s_en

Top plate
Elegant and graceful. Can be screwed off. Colour to match frame.

Central rod system
The robust parasol central rod system consists of two discs with support struts and spokes. In order to prevent the spokes from twisting, the lower distribution flange is firmly welded to the support pole. The frame is made of high-quality, alloyed, extruded aluminium profiles.

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The protective cover provided can easily be slipped over the parasol during bad weather periods.

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Pull parasol from cardboard sleeve, remove all packaging material, place parasol mast in installation base, that’s all – ready for use in a jiffy!

Additional equipment
Side sheets see page 192 onwards, rain gutter see page 88 onwards, premium equipment see page 178 onwards.

You will find our product video at: may.ag/s_en
SCHATTELLO Ø 4.0 m
MayTex-Poly M 9878 terracotta
without valance

SCHATTELLO Ø 6.0 m
MayTex-Poly M 9879 wine red
without valance

straight valance

SCHATTELLO Ø 4.0 m
MayTex-Poly M 9878 terracotta
without valance

SCHATTELLO Ø 6.0 m
MayTex-Poly M 9879 wine red
without valance

straight valance

180 cm
212 cm
The heights specified are for parasols with MayTex-Acryl covering fabric that are mounted in an anchor tube (SZ118, SZ146, SZ150). The increase in height for parasols with other installation bases can be seen in the list below:

| Full frame pedestal: | SZ201 + 14 cm |
| Full frame pedestal: | SZ203 + 17 cm |
| Full frame pedestal: | SZ205 + 21 cm |
| Full frame pedestal: | SZ411 + 9 cm |
| Full frame pedestal: | SZ412 + 12 cm |
| Full frame pedestal: | SZ414 + 16 cm |
| Full frame pedestal: | SZ420 + 19 cm |
| Anchor plate: | SZ131 + 1.5 cm |
| Anchor plate: | SZ261 + 1.5 cm |
| Base plate: | SZ272 + 4 cm |
| Base plate: | SZ273 + 4 cm |
| Base plate: | SZ274 + 4 cm |
| Base plate: | SZ275 + 4 cm |

Intermediate and special sizes on request. Dimensional tolerance approx. 5%.
### SCHATTELLO SIZES AND DATA

#### SCHATTELLO triangular

<table>
<thead>
<tr>
<th>4 x 4 x 4 m</th>
<th>6 x 6 x 6 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Segments</td>
<td>6</td>
</tr>
<tr>
<td>Area</td>
<td>6.9 m²</td>
</tr>
<tr>
<td>A Height closed incl. top plate</td>
<td>391 cm</td>
</tr>
<tr>
<td>B Height opened incl. top plate</td>
<td>284 cm</td>
</tr>
<tr>
<td>C Headroom with valance</td>
<td>212 cm</td>
</tr>
<tr>
<td>D Headroom without valance from spoke edge</td>
<td>237 cm</td>
</tr>
<tr>
<td>E Ground clearance from spoke edge</td>
<td>153 cm</td>
</tr>
<tr>
<td>F Height of lower disc flange</td>
<td>234 cm</td>
</tr>
</tbody>
</table>

#### Weight without packaging

- MayTex-Acryl without valance: 27 kg
- MayTex-Acryl SA 314 546 blue patina without valance: 40 kg

#### Support pole diameter

- Outer diameter: 75 mm, pole thickness: 3 mm

#### Installation base

- Length/width/depth: 50/50/60 cm

#### Minimum-ballast

- Number of layers of concrete slabs XZ50 required: 1 x = approx. 112 kg

#### Closing function

- Upward with telescopic system

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**SCHATTELLO 6.0 x 6.0 x 6.0 m**

MayTex-Acryl SA 314 546 blue patina without valance

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Constructional innovation may become necessary in the course of technical progress.
SCHATTELLO 3.5 x 3.5 m
MayTex-Acryl SA 314 010 white
without valance

SCHATTELLO 4.5 x 4.5 m
MayTex-Acryl DA 8203 grey basalt
without valance

straight valance

continuous valance

SCHATTELLO 4.5 x 4.5 m
MayTex-Acryl DA 8203 grey basalt
without valance

straight valance

continuous valance
### SCHATTELLO square

<table>
<thead>
<tr>
<th>Size (m)</th>
<th>Segments</th>
<th>Area (m²)</th>
<th>Height closed incl. top plate (cm)</th>
<th>Height opened incl. top plate (cm)</th>
<th>Headroom with valance (cm)</th>
<th>Headroom without valance (cm)</th>
<th>Ground clearance (cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.0 x 3.0 m</td>
<td>8</td>
<td>9</td>
<td>410</td>
<td>300</td>
<td>212</td>
<td>237</td>
<td>180</td>
</tr>
<tr>
<td>3.5 x 3.5 m</td>
<td>8</td>
<td>12.3</td>
<td>418</td>
<td>308</td>
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<td>237</td>
<td>154</td>
</tr>
<tr>
<td>4.0 x 4.0 m</td>
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<td>16</td>
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<td>237</td>
<td>119</td>
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<tr>
<td>4.5 x 4.5 m</td>
<td>8</td>
<td>20.3</td>
<td>433</td>
<td>323</td>
<td>212</td>
<td>237</td>
<td>96</td>
</tr>
<tr>
<td>5.0 x 5.0 m</td>
<td>8</td>
<td>25</td>
<td>440</td>
<td>330</td>
<td>212</td>
<td>237</td>
<td>62</td>
</tr>
</tbody>
</table>

**Intermediate and special sizes on request. Dimensional tolerance approx. 5%.**

**Intermediate and special sizes on request. Dimensional tolerance approx. 5%.**

**Intermediate and special sizes on request. Dimensional tolerance approx. 5%.**

---

**Interpretation:**

The heights specified are for parasols with MayTex-Acryl covering fabric that are mounted in an anchor tube (SZ118, SZ146, SZ150). The increase in height for parasols with other installation bases can be seen in the list below:

- **Full frame pedestal:**
  - SZ201 + 14 cm
  - SZ203 + 17 cm
  - SZ205 + 21 cm
  - SZ411 + 9 cm
  - SZ412 + 12 cm
  - SZ414 + 16 cm
  - SZ420 + 19 cm
- **Anchor plate:**
  - SZ121 + 1.5 cm
  - SZ261 + 1.5 cm
- **Base plate:**
  - SZ272 + 4 cm
  - SZ273 + 4 cm
  - SZ274 + 4 cm
  - SZ275 + 4 cm

**3D view of installation base with top plate for winter protection. Base must be frost-proof and enlarged if the ground is unstable.**

**Constructional innovation may become necessary in the course of technical progress.**

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**Dimensions and Data:**

**SCHATTELLO**

**SIZES AND DATA**

---

**Note:**

- Full frame pedestal:
  - SZ201 + 14 cm
  - SZ203 + 17 cm
  - SZ205 + 21 cm
  - SZ411 + 9 cm
  - SZ412 + 12 cm
  - SZ414 + 16 cm
  - SZ420 + 19 cm

**Anchor plate:**

- SZ121 + 1.5 cm
- SZ261 + 1.5 cm

**Base plate:**

- SZ272 + 4 cm
- SZ273 + 4 cm
- SZ274 + 4 cm
- SZ275 + 4 cm
### SCHATTELLO rectangular

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Segments</th>
<th>Area (m²)</th>
<th>Height closed incl. top plate (cm)</th>
<th>Height opened incl. top plate (cm)</th>
<th>Headroom with valance (cm)</th>
<th>Headroom without valance (cm)</th>
<th>Ground clearance from spoke edge (cm)</th>
<th>Height of lower disc flange (cm)</th>
<th>Weight without packaging (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0 x 3.0 m</td>
<td>6</td>
<td>6.0</td>
<td>383</td>
<td>277</td>
<td>212</td>
<td>237</td>
<td>202</td>
<td>232</td>
<td>27</td>
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<tr>
<td>2.0 x 4.0 m</td>
<td>6</td>
<td>8.0</td>
<td>387</td>
<td>301</td>
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<tr>
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<td>397</td>
<td>298</td>
<td>212</td>
<td>237</td>
<td>175</td>
<td>246</td>
<td>27</td>
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<td>2.5 x 4.0 m</td>
<td>8</td>
<td>8.0</td>
<td>393</td>
<td>294</td>
<td>212</td>
<td>237</td>
<td>150</td>
<td>246</td>
<td>27</td>
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#### Support pole diameter

- **Outer-Ø 76**, pole thickness 3

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Packaging cardboard sleeve: length 666 cm</th>
<th>Installation base length/width/min. depth (cm)</th>
<th>Minimum-ballast</th>
<th>Number of layers of concrete slabs XZ50 required</th>
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</thead>
<tbody>
<tr>
<td>2.0 x 3.0 m</td>
<td>Ø 33 cm</td>
<td>50/50/60</td>
<td>1 x =</td>
<td>approx. 112 kg</td>
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<td>2.0 x 4.0 m</td>
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<td></td>
<td></td>
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<tr>
<td>2.5 x 3.0 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<td>2.5 x 3.5 m</td>
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<td></td>
</tr>
<tr>
<td>2.5 x 4.0 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The heights specified are for parasols with MayTex-Acryl covering fabric that are mounted in an anchor tube (SZ118, SZ146, SZ150). The increase in height for parasols with other installation bases can be seen in the list below:

- **Full frame pedestal**:
  - SZ201: + 14 cm
  - SZ203: + 17 cm
  - SZ205: + 21 cm
  - SZ411: + 9 cm
  - SZ412: + 12 cm
  - SZ414: + 16 cm
  - SZ420: + 19 cm
- **Anchor plate**:
  - SZ131: + 1.5 cm
  - SZ261: + 1.5 cm
- **Base plate**:
  - SZ272: + 4 cm
  - SZ273: + 4 cm
  - SZ274: + 4 cm
  - SZ275: + 4 cm

The heights specified are for parasols with MayTex-Acryl covering fabric that are mounted in an anchor tube (SZ118, SZ146, SZ150). The increase in height for parasols with other installation bases can be seen in the list below:

- **Full frame pedestal**:
  - SZ201: + 14 cm
  - SZ203: + 17 cm
  - SZ205: + 21 cm
  - SZ411: + 9 cm
  - SZ412: + 12 cm
  - SZ414: + 16 cm
  - SZ420: + 19 cm
- **Anchor plate**:
  - SZ131: + 1.5 cm
  - SZ261: + 1.5 cm
- **Base plate**:
  - SZ272: + 4 cm
  - SZ273: + 4 cm
  - SZ274: + 4 cm
  - SZ275: + 4 cm

Intermediate and special sizes on request. Dimensional tolerance approx. 5%.

---

**Constructional innovation may become necessary in the course of technical progress.**
The heights specified are for parasols with MayTex-Acryl covering fabric that are mounted in an anchor tube (SZ118, SZ146, SZ150). The increase in height for parasols with other installation bases can be seen in the list below:

- Full frame pedestal: SZ201 + 14 cm
- Full frame pedestal: SZ203 + 17 cm
- Full frame pedestal: SZ205 + 21 cm
- Full frame pedestal: SZ411 + 9 cm
- Full frame pedestal: SZ412 + 12 cm
- Full frame pedestal: SZ414 + 16 cm
- Full frame pedestal: SZ420 + 19 cm
- Anchor plate: SZ131 + 1.5 cm
- Anchor plate: SZ261 + 1.5 cm
- Base plate: SZ272 + 4 cm
- Base plate: SZ273 + 4 cm
- Base plate: SZ274 + 4 cm
- Base plate: SZ275 + 4 cm

Intermediate and special sizes on request. Dimensional tolerance approx. ±5%.
### SCHATTELLO eccentric

<table>
<thead>
<tr>
<th></th>
<th>3.0 x 3.0 m</th>
<th>3.5 x 3.5 m</th>
<th>1.5 x 3.0 m</th>
<th>2.0 x 4.0 m</th>
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<tbody>
<tr>
<td>X</td>
<td>Distance from centre pole to outer edge of canopy cm</td>
<td>100</td>
<td>100</td>
<td>50</td>
</tr>
<tr>
<td>A</td>
<td>Segments</td>
<td>8</td>
<td>8</td>
<td>5</td>
</tr>
<tr>
<td>B</td>
<td>Area m²</td>
<td>9</td>
<td>12.25</td>
<td>4.5</td>
</tr>
<tr>
<td>C</td>
<td>Height closed incl. top plate cm</td>
<td>391</td>
<td>388</td>
<td>370</td>
</tr>
<tr>
<td>D</td>
<td>Height opened incl. top plate cm</td>
<td>305</td>
<td>324</td>
<td>276</td>
</tr>
<tr>
<td>E</td>
<td>Headroom with valance cm</td>
<td>212</td>
<td>212</td>
<td>212</td>
</tr>
<tr>
<td>F</td>
<td>Headroom without valance cm from spoke edge</td>
<td>237</td>
<td>237</td>
<td>237</td>
</tr>
<tr>
<td>G</td>
<td>Ground clearance from spoke edge cm</td>
<td>144</td>
<td>68</td>
<td>181</td>
</tr>
<tr>
<td>H</td>
<td>Height of lower disc flange cm</td>
<td>250</td>
<td>247</td>
<td>231</td>
</tr>
<tr>
<td>I</td>
<td>cm</td>
<td>193</td>
<td>122</td>
<td>260</td>
</tr>
<tr>
<td>J</td>
<td>cm</td>
<td>232</td>
<td>178</td>
<td>207</td>
</tr>
<tr>
<td>K</td>
<td>cm</td>
<td>213</td>
<td>169</td>
<td>207</td>
</tr>
<tr>
<td>L</td>
<td>cm</td>
<td>288</td>
<td>257</td>
<td>288</td>
</tr>
<tr>
<td>M</td>
<td>Weight without packaging kg</td>
<td>37</td>
<td>37</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>Support pole diameter mm</td>
<td>outer-Ø 76, pole thickness 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Packaging cardboard sleeve: length 444 cm</td>
<td>Ø 33 cm approx. 17 kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Installation base cm length/width/min. depth</td>
<td>50 / 50 / 60</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Minimum-ballast Number of layers of concrete slabs XZ50 required</td>
<td>2 x = approx. 224 kg</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The heights specified are for parasols with MayTex-Acryl covering fabric that are mounted in an anchor tube SZ150. The increase in height for eccentric parasols with other installation bases can be seen in the list below:

- Full frame pedestal: SZ203 + 17 cm
- Full frame pedestal: SZ412 + 12 cm
- Anchor plate: SZ131 + 1.5 cm
- Base plate: SZ273 + 4 cm
- Base plate: SZ275 + 4 cm

Dimensional tolerance approx. ± 5%

### Alignment possibility + special clamp

It is only possible to use such installation bases for SCHATTELLO parasols that have a locking hinge or a full-frame pedestal, adjustable for slanting surfaces. Anchoring bases with locking hinge are installed with setscrews and a special surface clamp. This ensures that the eccentric parasol will be aligned and mounted completely upright.

The heights specified are for parasols with MayTex-Acryl covering fabric that are mounted in an anchor tube SZ150. The increase in height for eccentric parasols with other installation bases can be seen in the list below:

- Full frame pedestal: SZ203 + 17 cm
- Full frame pedestal: SZ412 + 12 cm
- Anchor plate: SZ131 + 1.5 cm
- Base plate: SZ273 + 4 cm
- Base plate: SZ275 + 4 cm

Dimensional tolerance approx. ± 5%
Canopy bonnet
A light bonnet in the centre of the canopy optically breaks the straight areas and lines. This gives the SCHATTELLO a complete new face. The overlapping between canopy bonnet and canopy ensures that as few as possible water enters the openings in case of rain and wind. So there are hardly any limitations of the regular functions. Available for all sizes (except parasols with continuous roof segments).

Seawater-resistant stainless steel connections
To allow the use of the SCHATTELLO directly at the coast nearby salty sea water, rustproof materials must be used. With this package all turned and standard parts are supplied in stainless steel V4A (1.4401, AISI 316). Optimal protection for minimal oxidation of the aluminium frame.

Protective sleeve, version bag
made of tarp material, colour grey. Please specify parasol size or serial number. Included in delivery of parasol.

Protective sleeve, version zipper
with zipper and rope, without telescopic pole, art. no. 356040; made of tarp material, colour grey. May also be used for parasols with heaters, if they are demounted (winter storage). Please specify parasol size or serial number.

Protective sleeve, version zipper for parasols with integrated heaters
with zipper and rope, without telescopic pole, art. no. 356040; made of tarp material, colour grey. For daily protection of your parasols with mounted heaters. Please specify parasol size or serial number.

Telescopic pole
maximum length 4.5 m, without ring. For retrofit of all protective sleeves with zipper. No ladder required for pulling on the protective sleeve. One piece per terrace needed.
**Rain gutter**
in MayTex-Poly or MayTex-PVC, with aluminium rods for stabilization. Can only be used with valance.

- Glass-fibre reinforced plastic holder for side sheet and rain gutter
  1 piece per spoke required.
  - with 1 eyelet screw and 1 stainless steel angle, left
    art. no. **SA150**
  - with 1 eyelet screw and 1 stainless steel angle, right
    art. no. **SA151**
  - with 2 eyelet screw and 2 stainless steel angles
    art. no. **SA152**

**Length extension of centre pole**
State required additional length in cm (max. 50 cm).

**Shortening of centre pole**
Length on request, dependent on parasol size.

**Frame paint finish**
Please state colour of powder-coating in RAL.

**Canopy covering MayTex-PVC**
approx. 480 g/m² ± 5%.

**Side sheets**
Textile in MayTex-Poly, see page 192 onwards.

**Holder for suspended rain gutter**
made from aluminium and stainless steel, 1 piece per spoke required.

- with 1 eyelet screw and 1 stainless steel angle, left
  art. no. **SA150**
- with 1 eyelet screw and 1 stainless steel angle, right
  art. no. **SA151**
- with 2 eyelet screw and 2 stainless steel angles
  art. no. **SA152**

**Art. no.**
XA141
SA141 01  
SA141 02
SA150  
SA151  
SA152

**SCHATTELLO 4.0 x 4.5 m, MayTex-Acryl SA 314 003 yellow**
with rain gutter XA141, MayTex-Poly M 9526 bright yellow

**SCHATTELLO 4.0 x 4.5 m, MayTex-Acryl SA 314 003 yellow**
with suspended rain gutter, MayTex-Poly M 9526 bright yellow
Impact protection for parasol mast
Make sure that the children’s playing area is safe. Without safety precautions, carefree romping around may lead to tears. The soft material protects from painful bumps up to a height of 90 cm.

If correctly mounted, our protective padding also covers the anchor tube. The vertical connection is fully fastened by hook-and-loop fastener. Therefore, the impact protection is optimally adapted to the parasol mast and so helps to minimize hard edges and corners that may lead to abrasions. Made from MayTex-PVC, available in all PVC colours of our cloth collection.

art. no. 350268

Special model: Playschool parasol Ø 5 m
The colourful, multi-design canopy coverings consist of different, randomly selected segments. Thus each parasol is unique and offers fun and variety on any kids’ playground. Only available in size Ø 5 m, MayTex-Acryl, with valance.

Frame finish:
- RAL 9010 pure white art. no. SG5000 K001
- RAL 9006 white aluminium art. no. SG5000 K002

art. no. 350268

Lubricant LubriMay 13
for threaded spindle, content: 100 g.
art. no. 350652

CleanoMay 13
This highly efficient cleaning concentrate removes grease, oil, coal, rust as well as other stubborn stains on your parasol canopy covering or frame. It can also serve to clean machines, kitchens (recognised as safe for foodstuffs by the Fresenius Institute), barbeque grills, tarpaulins and plastics. Moreover, CleanoMay 13 is non-toxic, biodegradable, non-flammable and non-corroding. 1 litre concentrate yields 26 litres liquid cleanser.
art. no. 350848

Substitute canopy covering
An occasional change of canopy covering can give your patio a completely new flair.
Tubular motor
fully integrated in parasol mast, invisible; start-up via Plug and Play, open and close by pressing function key of radio transmitter for 3 seconds (for avoidance of unintentional switching), range of radio transmitter to parasol mast approx. 25 m, Control exclusively via radio. No wired control (fixed wiring) possible. The motors can only be used with anchor tubes SZ150, SZ131, SZ127, SZ186, SZ194, SZ210, SZ241 or SZ243. Compatible with LED-lighting, not compatible with heaters or loudspeakers; Power: 230 V~/50 Hz.

Single-channel hand-held radio transmitter
single-channel device sufficient if only one parasol is to be controlled. Simultaneous control of one or any number of parasols possible (2 signals).

Holder for radio transmitter
suitable for single-channel hand-held radio transmitter 202105. To be screwed to the wall.

18-channel hand-held radio transmitter
for the control of several parasols; can be used to control solitary as well as grouped parasols, programming possible in our company after prior date arrangement. 18-channel device. For separate control of up to 18 parasols (36 signals).

Holder for radio transmitter
suitable for 18-channel hand-held radio transmitter 202106. To be screwed to the wall.

Wall-mounted radio transmitter
radio transmitter for permanent screw-on installation. The transmitter must have direct visual contact with the radio receiver. Sufficient for the control of one parasol. Simultaneous control of one or any number of parasols possible (2 signals).

Radio transmitting station
2-channel radio transmitter to open and close tubular motors by a home automation system (e.g. elero, elnner, GIRA, KNX, LOXONE, Rademacher or somfy). Direct visual contact to the radio transmitter required. Controls 1 or 2 parasols or 1 up to 2 groups of parasols. 4 signals; unidirectional and sequential. Simple integration by potential-free switching contacts (>3 sec). Can be combined with an 18-channel radio transmitter for single or group control. Input 12 V - 24 V DC or 230 V~/50 Hz.

Wind sensor
only to be used as a supportive measure. In case of rising wind, the operator of the business must see that the parasols are closed and secured with a strap. The wind sensor measures the speed of the wind and passes on a signal to the tubular motor, which then automatically closes the parasols. The wind threshold value can be programmed with an adjustable potentiometer. Solar-cell and radio transmission, no cabling needed. To be fastened in a suitable position with the two dowels supplied in the package. The location should be as exposed as possible and in the vicinity of the parasols. Direct visual contact with the radio receiver necessary.
Below you will find a list of our range of all-in kits on offer.

Choose a parasol and one of the kits listed. From page 178 onwards you will find more information on the individual kit components. The kits can, however, only be applied in combination with installation option SZ127, SZ131, SZ150, SZ186, SZ194, SZ210, SZ241, SZ243, SZ273 or SZ275. We recommend 2 lights and 2 heaters for parasols with an area of up to 16 m². For larger-size parasols 4 lights and 4 heaters will be necessary. It is not possible to combine heaters and a motor.

### Slim lights warm white

<table>
<thead>
<tr>
<th>Kit S 2</th>
<th>art. no. 350940</th>
<th>quantity</th>
<th>art. no.</th>
</tr>
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<tbody>
<tr>
<td>230 V connection. Kit consists of:</td>
<td></td>
<td>1</td>
<td>352422</td>
</tr>
<tr>
<td>W-MAY 3-pole plug connector</td>
<td></td>
<td>1</td>
<td>354522</td>
</tr>
<tr>
<td>Power supply within centre pole</td>
<td></td>
<td>1</td>
<td>350933</td>
</tr>
<tr>
<td>Slim light warm white 13 W</td>
<td></td>
<td>2</td>
<td>202090</td>
</tr>
</tbody>
</table>

**Cannot be used for parasol size 2 x 3 m.**

<table>
<thead>
<tr>
<th>Kit S 4</th>
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<td>352422</td>
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<td>W-MAY 3-pole plug connector</td>
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<td>1</td>
<td>354522</td>
</tr>
<tr>
<td>Power supply within centre pole</td>
<td></td>
<td>1</td>
<td>350933</td>
</tr>
<tr>
<td>Slim light warm white 13 W</td>
<td></td>
<td>4</td>
<td>202090</td>
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**Cannot be used for parasol size 2 x 3 m.**

<table>
<thead>
<tr>
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<th>art. no. 350942</th>
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<th>art. no.</th>
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<td>1</td>
<td>354522</td>
</tr>
<tr>
<td>Power supply within centre pole</td>
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<td>350933</td>
</tr>
<tr>
<td>Slim light warm white 13 W</td>
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<td>202090</td>
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**Cannot be used for parasol size 2 x 3 m.**

<table>
<thead>
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<td>1</td>
<td>352422</td>
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<tr>
<td>W-MAY 3-pole plug connector</td>
<td></td>
<td>1</td>
<td>354522</td>
</tr>
<tr>
<td>Power supply within centre pole</td>
<td></td>
<td>1</td>
<td>350933</td>
</tr>
<tr>
<td>Power supply unit (PSU) for max. 4 LED bars, integrated in parasol</td>
<td></td>
<td>1</td>
<td>351928</td>
</tr>
<tr>
<td>LED bar, warm white, without spot optics</td>
<td></td>
<td>2</td>
<td>352187</td>
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</table>

<table>
<thead>
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<th>Kit S 4LED</th>
<th>art. no. 350944</th>
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<td>352422</td>
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<td>1</td>
<td>354522</td>
</tr>
<tr>
<td>Power supply within centre pole</td>
<td></td>
<td>1</td>
<td>350933</td>
</tr>
<tr>
<td>Power supply unit (PSU) for max. 6 LED bars, integrated in parasol</td>
<td></td>
<td>1</td>
<td>351928</td>
</tr>
<tr>
<td>LED bar, warm white, without spot optics</td>
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<table>
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<td>354522</td>
</tr>
<tr>
<td>Power supply within centre pole</td>
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<td>1</td>
<td>350933</td>
</tr>
<tr>
<td>Power supply unit (PSU) for max. 6 LED bars, integrated in parasol</td>
<td></td>
<td>1</td>
<td>351928</td>
</tr>
<tr>
<td>LED bar, warm white, without spot optics</td>
<td></td>
<td>6</td>
<td>352187</td>
</tr>
</tbody>
</table>

### LED lighting RGB-ww

(LED-bar RGB-ww) Information on colour control and dimming by smartphone or Bluetooth remote control sender. See page 186.

<table>
<thead>
<tr>
<th>Kit S 2RGB</th>
<th>art. no. 352940</th>
<th>quantity</th>
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</tr>
</thead>
<tbody>
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<td>1</td>
<td>352422</td>
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<tr>
<td>W-MAY 3-pole plug connector</td>
<td></td>
<td>1</td>
<td>354522</td>
</tr>
<tr>
<td>Electrical harness</td>
<td></td>
<td>1</td>
<td>350933</td>
</tr>
<tr>
<td>Power supply unit (PSU) for max. 4 LED bars, integrated in parasol</td>
<td></td>
<td>1</td>
<td>351920</td>
</tr>
<tr>
<td>Bluetooth remote dimmer v16-9</td>
<td></td>
<td>1</td>
<td>352888</td>
</tr>
<tr>
<td>LED-bar RGB-ww (colours and warmwhite)</td>
<td></td>
<td>2</td>
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<table>
<thead>
<tr>
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<td>1</td>
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<td>W-MAY 3-pole plug connector</td>
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<td>354522</td>
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<tr>
<td>Electrical harness</td>
<td></td>
<td>1</td>
<td>350933</td>
</tr>
<tr>
<td>Power supply unit (PSU) for max. 6 LED bars, integrated in parasol</td>
<td></td>
<td>1</td>
<td>351920</td>
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<tr>
<td>Bluetooth remote dimmer v16-9</td>
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<td>LED-bar RGB-ww (colours and warmwhite)</td>
<td></td>
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<tr>
<th>Kit S 6RGB</th>
<th>art. no. 352942</th>
<th>quantity</th>
<th>art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>230 V connection. Kit consists of:</td>
<td></td>
<td>1</td>
<td>352422</td>
</tr>
<tr>
<td>W-MAY 3-pole plug connector</td>
<td></td>
<td>1</td>
<td>354522</td>
</tr>
<tr>
<td>Electrical harness</td>
<td></td>
<td>1</td>
<td>350933</td>
</tr>
<tr>
<td>Power supply unit (PSU) for max. 6 LED bars, integrated in parasol</td>
<td></td>
<td>1</td>
<td>351920</td>
</tr>
<tr>
<td>Bluetooth remote dimmer v16-9</td>
<td></td>
<td>1</td>
<td>352888</td>
</tr>
<tr>
<td>LED-bar RGB-ww (colours and warmwhite)</td>
<td></td>
<td>6</td>
<td>353925</td>
</tr>
</tbody>
</table>

To dim the LED bar warm white by smart phone or radio transmitter order the Bluetooth remote dimmer art. no. 352888 and the Bluetooth remote control sender art. no. 352890 see page 186, if applicable.

---

**LED lighting warm white**

To dim the LED bar warm white by Bluetooth remote control order the Bluetooth remote control art. no. 352890.
Infrared heaters

**Infrared heaters + slim lights warm white**

In standard cases these kits are firmly connected with the underground cable. Alternatively, plug connector art. no. 200581 can be used.

### Kit S 0 2A
- **art. no.** 351490
- **400 V connection.**
- **Kit consists of:**
  - Power supply within centre pole
  - Electrical harness
  - Automatic auxiliary cut out switch
  - **Infrared heater (RAL 9010 or 9006)**

### Kit S 0 4A
- **art. no.** 351491
- **400 V connection.**
- **Kit consists of:**
  - Power supply within centre pole
  - Electrical harness
  - Automatic auxiliary cut out switch
  - **Infrared heater (RAL 9010 or 9006)**

### Kit S 0 2Z
- **art. no.** 351492
- **400 V connection.**
- **Kit consists of:**
  - Power supply within centre pole
  - Electrical harness
  - Automatic auxiliary cut out switch
  - **Swivelling holder**
  - **Infrared heater (RAL 9010 or 9006)**

### Kit S 0 4Z
- **art. no.** 351493
- **400 V connection.**
- **Kit consists of:**
  - Power supply within centre pole
  - Electrical harness
  - Automatic auxiliary cut out switch
  - **Swivelling holder**
  - **Infrared heater (RAL 9010 or 9006)**

### Kit S 4 2A
- **art. no.** 202062
- **400 V connection.**
- **Kit consists of:**
  - Power supply within centre pole
  - Electrical harness
  - Automatic auxiliary cut out switch
  - **Infrared heater (RAL 9010 or 9006)**
  - **Slim light warm white 13 W**

### Kit S 4 4A
- **art. no.** 202064
- **400 V connection.**
- **Kit consists of:**
  - Power supply within centre pole
  - Electrical harness
  - Automatic auxiliary cut out switch
  - **Infrared heater (RAL 9010 or 9006)**
  - **Slim light warm white 13 W**

### Kit S 4 2Z
- **art. no.** 202066
- **400 V connection.**
- **Kit consists of:**
  - Power supply within centre pole
  - Electrical harness
  - Automatic auxiliary cut out switch
  - **Infrared heater (RAL 9010 or 9006)**
  - **Slim light warm white 13 W**

### Kit S 4 4Z
- **art. no.** 202068
- **400 V connection.**
- **Kit consists of:**
  - Power supply within centre pole
  - Electrical harness
  - Automatic auxiliary cut out switch
  - **Infrared heater (RAL 9010 or 9006)**
  - **Slim light warm white 13 W**

For parasol sizes 6 x 6 x 6 m with valance, Ø 3 m, Ø 3.5 m, Ø 4 m, Ø 4.5 m, Ø 5 m, Ø 5.5 m, 3.5 x 3.5 m, 2 x 3 m, 2 x 4 m, 2.5 x 3.0 m, 2.5 x 3.5 m and 4 x 4 x 4 m please opt for Kit S 0 2Z.

For parasol sizes 6 x 6 x 6 m with valance, Ø 3 m, Ø 3.5 m, Ø 4 m, Ø 4.5 m, Ø 5 m, Ø 5.5 m, 3.5 x 3.5 m, 2 x 3 m, 2 x 4 m, 2.5 x 3.0 m, 2.5 x 3.5 m and 4 x 4 x 4 m please opt for Kit S 0 4Z.

For parasol size 3 x 3 m eccentric opt for Kit S 0 2A.

For sizes 2 x 2 m and 2.5 x 2.5 m please opt for Kit S 0 2Z.

This kit cannot be used for parasol size 2 x 3 m.

For parasol sizes 3 x 3 m eccentric, 2 x 4 m eccentric and 3 x 4 m eccentric please opt for Kit S 0 2A.

This kit cannot be used for parasol sizes 3 x 3 m eccentric, 2 x 4 m eccentric, 3 x 4 m eccentric, 2 x 2 m, 2.5 x 3.0 m, 2 x 3 m and 4 x 3 m. We will be pleased to give advice on alternatives.

This kit cannot be used for parasol size 2 x 2 m.

We will be pleased to give advice on alternatives.
In standard cases these kits are firmly connected with the underground cable. Alternatively, plug connector art. no. 200581 can be used.

To dim the LED bar warm white by smartphone or radio transmitter, order the Bluetooth remote control sender art. no. 352890 see page 186, if applicable.

**Infrared heaters + LED lighting warm white**

Information on colour control and dimming by smartphone or Bluetooth remote control sender art. no. 352890, see page 186.

Infrared heaters + LED lighting RGB-ww (colours & warmwhite)

In standard cases these kits are firmly connected with the underground cable. Alternatively, plug connector art. no. 200581 can be used.

**LED-bar RGB-ww (colours and warmwhite):**

**LED bar, warm white, without spot optics**

For parasol sizes 3 x 3 m eccentric, 2 x 4 m eccentric, 3 x 4 m eccentric, 2 x 2 m, 2.5 x 2.5 m, 3 x 3 m, 2.5 x 3.0 m, 2.5 x 3.5 m and 4 x 4 m please opt for Kit S 4LED 2Z.

For sizes 2 x 2 m and 2.5 x 2.5 m opt for Kit S4 RGB 2Z.

For size 3 x 3 m eccentric opt for Kit S4 RGB 2A.

For parasol sizes 6 x 6 x 6 m with valance, Ø 3 m, Ø 4 m, Ø 5 m, 3.5 x 3.5 m, 2 x 3 m, 2 x 4 m, 2.5 x 3.0 m, 2.5 x 3.5 m and 4 x 4 m please opt for Kit S4 LED 2Z.

For sizes 2 x 2 m, 2.5 x 2.5 m, 3 x 3 m and 4 x 5 m please opt for Kit S4 LED 2Z.

For Kit S4 LED 2A.

For Kit S 4LED 2A.

For Kit S4 RGB 2A.

For Kit S 4LED 2A.

For Kit S4 RGB 2Z.

For Kit S 4LED 2Z.

For Kit S4 RGB 2Z.

For Kit S 4LED 2Z.

For Kit S4 RGB 2Z.

For Kit S 4LED 2Z.

For Kit S4 RGB 2Z.

For Kit S 4LED 2Z.

For Kit S4 RGB 2Z.

For Kit S 4LED 2Z.

For Kit S4 RGB 2Z.

For Kit S 4LED 2Z.

For Kit S4 RGB 2Z.

For Kit S 4LED 2Z.

For Kit S4 RGB 2Z.
This kit cannot be used for parasol sizes 3 x 3 m eccentric, 2 x 4 m eccentric, 3 x 4 m eccentric, 2 x 2 m, 2.5 x 2.5 m, 3 x 3 m and 4 x 5 m. We will be pleased to give advice on alternatives.

For parasol sizes 3 x 3 m eccentric, 2 x 4 m eccentric and 3 x 4 m eccentric please opt for Kit S 4RGB 2A.

**Kit S 4RGB 2Z**  
art. no. 352972

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>400 V connection. Kit consists of:</td>
<td></td>
</tr>
<tr>
<td>Power supply within centre pole</td>
<td>1</td>
</tr>
<tr>
<td>Electrical harness</td>
<td>1</td>
</tr>
<tr>
<td>Automatic auxiliary cut out switch</td>
<td>1</td>
</tr>
<tr>
<td>Cabling, short (please state position intended)</td>
<td>2</td>
</tr>
<tr>
<td>Swift-fold spar</td>
<td>2</td>
</tr>
<tr>
<td>Infrared heater [RAL 9010 or 9006]</td>
<td>2</td>
</tr>
<tr>
<td>Power supply unit (PSU) for max. 4 LED bars, integrated in parasol</td>
<td>1</td>
</tr>
<tr>
<td>Bluetooth remote dimmer v16-9</td>
<td>1</td>
</tr>
<tr>
<td>LED-bar RGB-ww (colours and warmwhite)</td>
<td>4</td>
</tr>
</tbody>
</table>

*For parasol sizes 3 x 3 m eccentric, 2 x 4 m eccentric and 3 x 4 m eccentric please opt for Kit S 4RGB 2A.*

**Kit S 4RGB 4Z**  
art. no. 352973

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>400 V connection. Kit consists of:</td>
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</tr>
<tr>
<td>Power supply within centre pole</td>
<td>1</td>
</tr>
<tr>
<td>Electrical harness</td>
<td>1</td>
</tr>
<tr>
<td>Automatic auxiliary cut out switch</td>
<td>1</td>
</tr>
<tr>
<td>Cabling, short (please state position intended)</td>
<td>4</td>
</tr>
<tr>
<td>Swift-fold spar</td>
<td>4</td>
</tr>
<tr>
<td>Infrared heater [RAL 9010 or 9006]</td>
<td>4</td>
</tr>
<tr>
<td>Power supply unit (PSU) for max. 4 LED bars, integrated in parasol</td>
<td>1</td>
</tr>
<tr>
<td>Bluetooth remote dimmer v16-9</td>
<td>1</td>
</tr>
<tr>
<td>LED-bar RGB-ww (colours and warmwhite)</td>
<td>4</td>
</tr>
</tbody>
</table>

This kit cannot be used for parasol sizes 3 x 3 m eccentric, 2 x 4 m eccentric, 3 x 4 m eccentric, 2 x 2 m, 2.5 x 2.5 m, 3 x 3 m and 4 x 5 m. We will be pleased to give advice on alternatives.

**Kit S 0 M**  
art. no. 35014

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Art. no.</th>
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</thead>
<tbody>
<tr>
<td>230 V connection. Kit consists of:</td>
<td></td>
</tr>
<tr>
<td>W-MAY 3-pole plug connector</td>
<td>1</td>
</tr>
<tr>
<td>Tubular motor (radio controlled)</td>
<td>1</td>
</tr>
<tr>
<td>Electrical harness</td>
<td>1</td>
</tr>
</tbody>
</table>

**Tubular motor**

Please order radio transmitter separately, see page 92.

**Tubular motor + LED lighting warm white**

To dim the LED bar warm white by smart phone or radio transmitter, order the Bluetooth remote dimmer art. no. 352888 and the Bluetooth remote control sender art. no. 352890 see page 186, if applicable.

**Kit S 2LED M**  
art. no. 350946

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 V + 230 V connection. Kit consists of:</td>
<td></td>
</tr>
<tr>
<td>W-MAY 3-pole plug connector</td>
<td>1</td>
</tr>
<tr>
<td>H1-MAY plug connector</td>
<td>1</td>
</tr>
<tr>
<td>Power supply within centre pole</td>
<td>1</td>
</tr>
<tr>
<td>Electrical harness</td>
<td>1</td>
</tr>
<tr>
<td>Power supply unit (PSU) for max. 6 LED bars, installed on the outdoor wall or inside the house</td>
<td>1</td>
</tr>
<tr>
<td>LED bar, warm white, without spot optics</td>
<td>2</td>
</tr>
<tr>
<td>Tubular motor (radio controlled)</td>
<td>1</td>
</tr>
</tbody>
</table>

**Kit S 4LED M**  
art. no. 350947

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 V + 230 V connection. Kit consists of:</td>
<td></td>
</tr>
<tr>
<td>W-MAY 3-pole plug connector</td>
<td>1</td>
</tr>
<tr>
<td>H1-MAY plug connector</td>
<td>1</td>
</tr>
<tr>
<td>Power supply within centre pole</td>
<td>1</td>
</tr>
<tr>
<td>Electrical harness</td>
<td>1</td>
</tr>
<tr>
<td>Power supply unit (PSU) for max. 6 LED bars, installed on the outdoor wall or inside the house</td>
<td>1</td>
</tr>
<tr>
<td>LED bar, warm white, without spot optics</td>
<td>4</td>
</tr>
<tr>
<td>Tubular motor (radio controlled)</td>
<td>1</td>
</tr>
</tbody>
</table>

**Kit S 6LED M**  
art. no. 350948

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Art. no.</th>
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</thead>
<tbody>
<tr>
<td>12 V + 230 V connection. Kit consists of:</td>
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</tr>
<tr>
<td>W-MAY 3-pole plug connector</td>
<td>1</td>
</tr>
<tr>
<td>H1-MAY plug connector</td>
<td>1</td>
</tr>
<tr>
<td>Power supply within centre pole</td>
<td>1</td>
</tr>
<tr>
<td>Electrical harness</td>
<td>1</td>
</tr>
<tr>
<td>Power supply unit (PSU) for max. 6 LED bars, installed on the outdoor wall or inside the house</td>
<td>1</td>
</tr>
<tr>
<td>LED bar, warm white, without spot optics</td>
<td>6</td>
</tr>
<tr>
<td>Tubular motor (radio controlled)</td>
<td>1</td>
</tr>
</tbody>
</table>
Tubular motor + LED lighting RGB-ww (colours & warmwhite)

Tubular motor: Please order radio transmitter separately, see page 92.

LED-bar RGB-ww (colours and warmwhite): Information on colour control and dimming by smartphone or Bluetooth remote control sender art. no. 352890, see page 186.

**Kit S 2RGB M**
art. no. 352963
12 V + 230 V connection. Kit consists of:

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>W-MAY 3-pole plug connector</td>
<td>1</td>
<td>352422</td>
</tr>
<tr>
<td>H1-MAY plug connector</td>
<td>1</td>
<td>350931</td>
</tr>
<tr>
<td>Power supply within centre pole</td>
<td>1</td>
<td>354523</td>
</tr>
<tr>
<td>Electrical harness</td>
<td>1</td>
<td>350933</td>
</tr>
<tr>
<td>Power supply unit (PSU) for max. 6 bars, installed on the outdoor wall or inside the house</td>
<td>1</td>
<td>351920</td>
</tr>
<tr>
<td>Bluetooth remote dimmer v16-9</td>
<td>1</td>
<td>352888</td>
</tr>
<tr>
<td>LED-bar RGB-ww (colours and warmwhite)</td>
<td>2</td>
<td>353925</td>
</tr>
<tr>
<td>Tubular motor (radio controlled)</td>
<td>1</td>
<td>202108</td>
</tr>
</tbody>
</table>

**Kit S 4RGB M**
art. no. 352964
12 V + 230 V connection. Kit consists of:

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>W-MAY 3-pole plug connector</td>
<td>1</td>
<td>352422</td>
</tr>
<tr>
<td>H1-MAY plug connector</td>
<td>1</td>
<td>350931</td>
</tr>
<tr>
<td>Power supply within centre pole</td>
<td>1</td>
<td>354523</td>
</tr>
<tr>
<td>Electrical harness</td>
<td>1</td>
<td>350933</td>
</tr>
<tr>
<td>Power supply unit (PSU) for max. 6 bars, installed on the outdoor wall or inside the house</td>
<td>1</td>
<td>351920</td>
</tr>
<tr>
<td>Bluetooth remote dimmer v16-9</td>
<td>1</td>
<td>352888</td>
</tr>
<tr>
<td>LED-bar RGB-ww (colours and warmwhite)</td>
<td>4</td>
<td>353925</td>
</tr>
<tr>
<td>Tubular motor (radio controlled)</td>
<td>1</td>
<td>202108</td>
</tr>
</tbody>
</table>

**Kit S 6RGB M**
art. no. 352965
12 V + 230 V connection. Kit consists of:

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>W-MAY 3-pole plug connector</td>
<td>1</td>
<td>352422</td>
</tr>
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</tr>
<tr>
<td>Electrical harness</td>
<td>1</td>
<td>350933</td>
</tr>
<tr>
<td>Power supply unit (PSU) for max. 6 bars, installed on the outdoor wall or inside the house</td>
<td>1</td>
<td>351920</td>
</tr>
<tr>
<td>Bluetooth remote dimmer v16-9</td>
<td>1</td>
<td>352888</td>
</tr>
<tr>
<td>LED-bar RGB-ww (colours and warmwhite)</td>
<td>6</td>
<td>353925</td>
</tr>
<tr>
<td>Tubular motor (radio controlled)</td>
<td>1</td>
<td>202108</td>
</tr>
</tbody>
</table>
SCHATTELLO – mobile installation options

Full frame pedestals for 1 set of concrete slabs
Full frame pedestal
frame size 103 x 111 cm, total height 29 cm, height of frame \( x = 5 \) cm, for 6- and 8-segment parasols, galvanized, weight approx. 30 kg. For 1 set of standard concrete slabs 50 x 50 x 5 cm.

art. no. SZ411

Full frame pedestal with 4 rubber diagonal support levelling screws
frame size 103 x 111 cm, total height min. 32 cm, max. 36 cm, for 6- and 8-segment parasols, galvanized, weight approx. 30 kg. For 1 set of standard concrete slabs 50 x 50 x 5 cm.

art. no. SZ412

Full frame pedestal on wheels
with rubber heavy-duty rollers and fixing brakes, frame size 103 x 111 cm, total height 36 cm, diameter of rollers 5 cm, for 6- and 8-segment parasols, galvanized, weight approx. 31 kg. For 1 set of standard concrete slabs 50 x 50 x 5 cm. Attention: wind sensitive!

art. no. SZ414

Heavy-duty wheels Ø 15 cm
wheel diameter 15 cm, for uneven surfaces. Rubber, with fixing brakes, loading capacity 110 kg/wheel. suitable for SZ414 and SZ205.

For orders with full frame pedestal
art. no. 351498
For retrofitting
art. no. 351499

Full frame pedestal on feet
for forklift or lift truck transport, frame size 103 x 111 cm, foot height \( y = 10 \) cm, for 6- and 8-segment parasols, galvanized, weight approx. 30 kg. For 1 set of standard concrete slabs 50 x 50 x 5 cm.

art. no. SZ420

frame pedestal cover plate
stainless steel 1.4310, fits for SZ411, SZ412, SZ414 and SZ420. For retrofitting.

art. no. 200906

Full frame pedestals for 2 sets of concrete slabs
Full frame pedestal
frame size 103 x 103 cm, total height 34 cm, height of frame \( x = 5 \) cm, galvanized, weight approx. 28 kg. For 2 sets of standard concrete slabs 50 x 50 x 5 cm.

art. no. SZ201

Full frame pedestal with rubber diagonal support levelling screws,
frame size 103 x 103 cm, total height min. 37 cm, max. 41 cm, galvanized, weight approx. 29 kg. For 2 sets of standard concrete slabs 50 x 50 x 5 cm.

art. no. SZ203

Frame pedestal on wheels
with rubber heavy-duty rollers and fixing brakes, frame size 103 x 103 cm, total height 41 cm, diameter of rollers 5 cm, galvanized, weight approx. 29 kg. For 2 sets of standard concrete slabs 50 x 50 x 5 cm. Attention: wind sensitive!

art. no. SZ205

Content may become necessary in the course of technical progress.
SCHATTELLO – mobile installation options

Full frame pedestal
customized height to fit patio surface, frame size 103 x 103 cm, screw-off upper part, for 6- and 8-segment parasols, galvanized, weight approx. 29 kg, incl. top plate for winter protection. For 1 set of standard concrete slabs 50 x 50 x 5 cm, s = Ø 10 cm.

art. no. SZ208

Full frame pedestal with placement hinge
customized height to fit patio surface, frame size 103 x 103 cm, screw-off upper part, galvanized, weight approx. 32 kg, incl. top plate for winter protection. For 1 set of standard concrete slabs 50 x 50 x 5 cm, v = bore for power cable through centre post Ø 7 cm, x = 16 cm, y = 17.5 cm.

art. no. SZ210

Concrete slabs
1 set = 4 slabs, each 50 x 50 x 5 cm, weight per slab: approx. 31 kg, total weight approx. 124 kg.

art. no. XZ50

Steel plates with cut off edge
1 set = 4 slabs, each 50 x 50 x 1.2 cm. Cut off edge 70 mm x 45°. Weight per slab: approx. 29 kg, total weight approx. 116 kg.

art. no. XZ51

Free-standing base plate
for parasols up to 21 m² in size, to be screwed together on site, heaviest component approx. 50 kg, base plate size 147 x 147 cm, steel plate thickness x = 12 mm, galvanized, weight approx. 213 kg.

art. no. SZ272

Free-standing base plate
for parasols from 21 m² in size, to be screwed together on site, heaviest component approx. 63 kg, base plate size 147 x 147 cm, steel plate thickness x = 15 mm, galvanized, weight approx. 263 kg.

art. no. SZ274

Base plate with placement hinge
for parasols up to 21 m² in size, to be screwed together on site, heaviest component approx. 50 kg, base plate size 147 x 147 cm, steel plate thickness x = 12 mm, galvanized, weight approx. 214 kg.

art. no. SZ273

Base plate with placement hinge
for parasols from 21 m² in size, to be screwed together on site, heaviest component approx. 63 kg, base plate size 147 x 147 cm, steel plate thickness x = 15 mm, galvanized, weight approx. 264 kg.

art. no. SZ275

Anti-slip mat
1 set = 4 pieces 73 x 73 cm each, suitable for the steel plates of the installation options SZ272, SZ273, SZ274, SZ275, SZ240, SZ241, SZ242 and SZ243. Increases the coefficient of friction between steel plate and floor covering (wood, concrete slabs, asphalt), and therefore reduces the risk of slipping during windy weather. Colour black, x = 3 mm.

art. no. 352789

Constructional innovation may become necessary in the course of technical progress.
SCHATTELLO – stationary installation options

Anchor tube to be embedded in concrete
2 pieces, screw-off upper part, for 6- and 8-segment parasols, galvanized, weight approx. 7 kg, incl. top plate for winter protection. a = 22 cm, b = 29 cm, s = Ø 10 cm, y = 16 cm.

art. no. SZ118

Anchor tube to be embedded in concrete
identical with SZ118, stainless steel (1.4571)

art. no. 352453

SZ118 options:
galvanized

SZ118 upper anchor tube, extra length

SZ118 lower anchor tube, extra length

SCHATELLO INSTALLATION OPTIONS

SZ118 options:
galvanized with additional powder-coating

Standard length

Extra length + 10 cm

Extra length + 20 cm

Extra length + 30 cm

Extra length + 40 cm

RAL 9010 RAL 9006 RAL 8019 RAL 7016

RAL 9010 RAL 9006 RAL 8019 RAL 7016

RAL 9010 RAL 9006 RAL 8019 RAL 7016

RAL 9010 RAL 9006 RAL 8019 RAL 7016

RAL 9010 RAL 9006 RAL 8019 RAL 7016
**SCHATTELLO – stationary installation options**

**Anchor tube to be embedded in concrete**
for an existing foundation with a bore hole of min. Ø 71 mm,
2 pieces, screw-off upper part, for 6- and 8-segment parasols.
Bore hole filled with grouting or epoxy resin to fix lower part of anchor tube. Existing foundation must be adequate in size for the designated parasol. Galvanized, weight approx. 5 kg, lower tube square, incl. top plate for winter protection, a = 22 cm, b = 29 cm, s = Ø 10 cm, y = 5 cm.

*art. no. SZ146*

**Dowel-anchored plate**
2 pieces, screw-off upper part, for 6- and 8-segment parasols, galvanized, weight approx. 14 kg, a = 22 cm, x = 30 cm, t = 1.5 cm, z = Ø 1.8 cm.

*art. no. SZ261*

**Dowel-anchored plate with placement hinge**
galvanized, weight approx. 11.8 kg, v = bore for power cable through centre post Ø 7 cm, a = 23 cm, x = 26 cm, y = 27.5 cm, t = 1.2 cm, z = Ø 1.8 cm.

*art. no. SZ131*

**SCHATTELLO – stationary installation options**

**Dowel-anchored plate**
customized height to fit patio surface, anchor plate 50 x 50 cm, screw-off upper part, for 6- and 8-segment parasols, galvanized, weight approx. 32 kg, incl. top plate for winter protection, s = Ø 10 cm.

*art. no. SZ129*

**Dowel-anchored plate with placement hinge**
customized height to fit patio surface, anchor plate 50 x 50 cm, screw-off upper part, galvanized, weight approx. 33 kg, incl. top plate for winter protection.
v = bore for power cable through centre post Ø 7 cm, a = 22 cm, b = 29 cm, s = Ø 10 cm, y = 5 cm.

*art. no. SZ127*

Constructional innovation may become necessary in the course of technical progress.
SCHATTELLO – stationary installation options

Flat-roof dowel-anchored plate with placement hinge
externally insulated roof system, system-conform flat roof
connection with liquid plastic, customized height to fit flat roof
surface, dowel plate 50 x 50 cm, screw-off upper part, galvanized,
weight approx. 38 kg, incl. top plate for winter protection.
v = bore for power cable through centre post Ø 7 cm,
x = 16 cm, y = 17.5 cm.
art. no. SZ186

Flat-roof dowel-anchored plate with upper anchor tube
externally insulated roof system, loose-and-fixed flange assembly,
bitumen waterproofing system and synthetic waterproofing
material. Total height is determined by order to achieve the same
level as the flat roof ground, dowelled plate 50 x 50 cm. Upper part
removable, galvanized, weight approx. 37 kg, including top plate for
winter protection.
v = bore for power cable through centre post Ø 7 cm,
x = 16 cm, y = 17.5 cm.
art. no. SZ194

SCHATTELLO – stationary installation options

Wall bracket
galvanized, weight approx. 5.5 kg, ground plate 30 x 20 cm,
x = 7 cm, t = 1 cm. Bottom end of centre pole is supported by
the bottom of the tube. The height is changed by the measure
y = 5 cm. This option only makes sense in case of low balustrades
and ledges, otherwise the parasol will hit the wall.
art. no. RZ125

Wall pressure plate
fits for RZ125, galvanized; 30 x 20 cm; to be clamped onto the
existing bars (only possible if these are very strong), bore holes
for M16 stud bolts [not included in the delivery.
art. no. 352579

Anchor bolt
bolt and nut, fits for SZ261, SZ131, SZ127, SZ129, SZ186 and SZ194;
approved for cracked and non-cracked concrete B25 to B35 [old
compressive strength classes] C20/25 to C50/60, [new EU classifi-
cation], also suitable for concrete B15 and natural stone with dense
structure. Concrete bore hole Ø 16 x 115 mm. in stainless steel A4.
Package contains 4 bolts. European Technical Approval ETA-
05/0069.
art. no. 200900
**SCHATTELLO – stationary installation options**

**Ground screw anchor fixture**
Upper anchor tube, suitable for ground screw KSF F 140 x 2100-M. Screw-in ground anchor not included in delivery, standard parts for screwing included, for 6- and 8-segment parasols. Hot-dip galvanized, weight approx. 6 kg, a = 26 mm, x = 22 cm, t = 1.5 cm, see page 210 for further information.

art. no. **SZ329**

**Screw-in ground anchor**
Ground screw with upper anchor tube, incl. standard parts, parts unscrewed on delivery, steel, for 6- and 8-segment parasols, galvanized acc. DIN EN ISO 1461, weight approx. 30 kg, delivered in two ready-to-assemble parts. See page 210 for further information.

art. no. **SZ330**

**Ground screw anchor fixture with placement hinge**
Upper anchor tube, suitable for ground screw KSF F 140 x 2100-M. Screw-in ground anchor not included in delivery, standard parts for screwing included, hot-dip galvanized, weight approx. 22 kg, v = bore for power cable through centre post Ø 7 cm, x = 32 cm, y = 29 cm, see page 210 for further information.

art. no. **SZ349**

**Ground screw anchor fixture with placement hinge**
Suitable for all sizes up to 28 m²; ground screw with upper anchor tube, incl. standard parts, parts unscrewed on delivery, steel, galvanized acc. DIN EN ISO 1461, weight approx. 46 kg, incl. top plate for winter protection, delivered in two ready-to-assemble parts. V = bore for power cable through centre post Ø 7 cm. For further information see page 210 onwards.

art. no. **SZ350**

**Base plate**
customized height to fit patio surface, for parasols up to 21 m² in size, to be screwed together on site, heaviest component approx. 50 kg, base plate size 147 x 147 cm, steel plate thickness x = 15 mm, screw-off upper part, for 6- and 8-segment parasols, galvanized, weight approx. 224 kg, incl. top plate for winter protection, y = 28 cm.

art. no. **SZ240**

**Base plate**
customized height to fit patio surface, for parasols from 21 m² in size, to be screwed together on site, heaviest component approx. 63 kg, base plate size 147 x 147 cm, steel plate thickness x = 15 mm, screw-off upper part, for 6- and 8-segment parasols, galvanized, weight approx. 274 kg, incl. top plate for winter protection, y = 28 cm.

art. no. **SZ241**

**Base plate with placement hinge**
customized height to fit patio surface, for parasols up to 21 m² in size, to be screwed together on site, heaviest component approx. 63 kg, base plate size 147 x 147 cm, steel plate thickness x = 12 mm, screw-off upper part, galvanized, weight approx. 225 kg, incl. top plate for winter protection. v = bore for power cable through centre post Ø 7 cm, y = 28 cm.

art. no. **SZ242**

**Base plate with placement hinge**
customized height to fit patio surface, for parasols from 21 m² in size, to be screwed together on site, heaviest component approx. 75 kg, base plate size 147 x 147 cm, steel plate thickness x = 15 mm, screw-off upper part, galvanized, weight approx. 275 kg, incl. top plate for winter protection, y = 28 cm.

art. no. **SZ243**

**Theft pin**
Padlock and pin, in stainless steel, for support pole Ø 76 mm. Suitable for retrofitting.

art. no. **200103**
**Extremely solid, especially the small models**

**Optimal use of space**

**All-weather protection**

**Easy operation**

**Professional additional equipment**

---

**Large ALBATROS models**

These parasols are perfectly suitable for large outdoor catering areas. Parasol dimensions of up to 75 m² allow a wide scope of seating options. The straight design and the extra large sizes are impressing and create an exclusive atmosphere for your terrace.

**Small ALBATROS models**

These extremely robust and wind-proof parasols are especially suitable for exposed locations, e.g. coasts. Heavy-duty aluminium profiles combine an impressive appearance with enormous stability. For example, external engineers prove the ALBATROS 4.0 m x 4.0 m (12 segments) to be resistant at storm force 12.

ALBATROS 6.0 x 6.0 m

Maytex-Acryl SA 314 546 patina blue
Operating the parasol
ALBATROS, our large-area parasol, is opened and closed with a smooth-running, removable stainless steel crank or with the help of a cordless drill (hex drill fitting). The reliable drive-system with accurate integrated bevel gears guarantees effortless handling, even after years of usage. For a more convenient operation the giant parasol can be equipped with a tabular motor at extra charge.

Frame joints
For us perfection in workmanship is an absolute must. Therefore, all moving axes are fitted with easily removable bolts. This extravagant technology ensures maximum stability and durability as well as easy execution of repairs.

Central rod system
Discs with support struts and spokes. In order to prevent the spokes from getting twisted, the lower distribution flange is firmly welded to the support pole. The poles of our parasols are all made of high-quality alloyed, extruded aluminium profiles.

- support pole Ø 100 x 5 mm
- spoke dimensions 50 x 25 x 2 mm
- support strut dimensions 40 x 25 x 3 mm

Top plate
Elegant and graceful. Can be screwed off. Colour matches to standard frame colours.

Installation options
Mobile see page 166 onwards, stationary see page 170 onwards.

Canopy covering
Due to a special self-tensioning telescopic spring system the colour remains perfectly taut, even after years of usage. The canopy covering can easily and quickly be exchanged by means of a practical hooking system. For fabrics and colours see page 194 onwards.

Valance options
Without valance
Straight valance

High-quality framework materials
Frame surface is powder-coated, highly shock and impact-proof, available in following colours:

- Standard colour: RAL 9010 pure white
- Special colour, no extra charge: RAL 7016 anthracite grey fine structure

Special colours available on request.

When not in use
The protective cover provided can easily be slipped over the parasol during bad weather periods.

Mounting
Pull parasol from cardboard sleeve, remove all packaging material, place parasol mast in installation base, that’s all – ready for use in a jiffy!

Additional equipment
Side sheets see page 192 onwards, rain gutter see page 148 onwards, premium equipment see page 178 onwards.

You will find our product video at: may.ag/a_en
ALBATROS Ø 6.5 m
MayTex-Acryl SA 314 010 white
without valance

ALBATROS Ø 8.0 m
MayTex-Acryl SA 314 003 yellow
without valance

straight valance

150 cm 180 cm 214 cm
### ALBATROS round

<table>
<thead>
<tr>
<th>Ø 4.0 m</th>
<th>Ø 4.5 m</th>
<th>Ø 5.0 m</th>
<th>Ø 5.5 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Segments</td>
<td>12</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>Area m²</td>
<td>12</td>
<td>15.2</td>
<td>18.8</td>
</tr>
<tr>
<td>Height closed incl. top plate cm</td>
<td>A</td>
<td>461</td>
<td>477</td>
</tr>
<tr>
<td>Height opened incl. top plate cm</td>
<td>B</td>
<td>311</td>
<td>319</td>
</tr>
<tr>
<td>Headroom with valance cm</td>
<td>C</td>
<td>214</td>
<td>214</td>
</tr>
<tr>
<td>Ground clearance from spoke edge cm</td>
<td>D</td>
<td>242</td>
<td>242</td>
</tr>
<tr>
<td>Headroom without valance cm from spoke edge</td>
<td>E</td>
<td>252</td>
<td>246</td>
</tr>
<tr>
<td>Crane height cm</td>
<td>F</td>
<td>92</td>
<td>92</td>
</tr>
<tr>
<td>Height lower disc flange cm</td>
<td>G</td>
<td>242</td>
<td>242</td>
</tr>
<tr>
<td>Weight without packaging kg</td>
<td>H</td>
<td>85</td>
<td>97</td>
</tr>
<tr>
<td>Support pole diameter mm</td>
<td>I</td>
<td>outer-Ø 100, pole thickness 5</td>
<td></td>
</tr>
<tr>
<td>Packaging cardboard sleeve Ø 45 cm</td>
<td>J</td>
<td>length 680 cm weight 36 kg</td>
<td>length 500 cm weight 36 kg</td>
</tr>
<tr>
<td>Installation base length/width/min. depth cm</td>
<td>K</td>
<td>60 / 60 / 60</td>
<td>65 / 65 / 60</td>
</tr>
<tr>
<td>Minimum-ballast 6 x = approx. 672 kg</td>
<td>L</td>
<td>7 x = approx. 784 kg</td>
<td>8 x = approx. 896 kg</td>
</tr>
</tbody>
</table>

**Extended steel reinforcement**
- integrated
- optional
- optional
- optional
- optional
- optional

**Weight without packaging**
- MayTex-Acryl without valance kg
- 85
- 97
- 104
- 114

**Support pole diameter**
- outer-Ø 100, pole thickness 5

**Packaging**
- cardboard sleeve Ø 45 cm
- length 680 cm weight 36 kg
- length 500 cm weight 36 kg
- length 500 cm weight 36 kg
- length 500 cm weight 36 kg

**Installation base**
- length/width/min. depth cm
- 60 / 60 / 60
- 65 / 65 / 60
- 70 / 70 / 60
- 70 / 70 / 60

**Minimum-ballast**
- 6 x = approx. 672 kg
- 7 x = approx. 784 kg
- 8 x = approx. 896 kg
- 8 x = approx. 896 kg

Intermediate and special sizes on request. Dimensional tolerance approx. 5%.

---

1) When concrete slabs are used as ballast, the parasol cannot be fully closed because of the length of the spokes. In this case the length of the mast can be extended by 20 cm at an extra charge (see pricelist Accessories and Bases). Note that the height dimensions then have to be increased by 20 cm.

The heights specified are for parasols with MayTex-Acryl covering fabric that are mounted in an anchor tube AZ120. The increase in height for parasols with other installation bases can be seen in the list below:

<table>
<thead>
<tr>
<th>Ø 6.0 m</th>
<th>Ø 6.5 m</th>
<th>Ø 7.0 m</th>
<th>Ø 8.0 m</th>
<th>Ø 9.0 m</th>
<th>Ø 10.0 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Segments</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>Area m²</td>
<td>27</td>
<td>31.7</td>
<td>36.8</td>
<td>48</td>
<td>60.8</td>
</tr>
<tr>
<td>Height closed incl. top plate cm</td>
<td>A</td>
<td>529</td>
<td>500</td>
<td>520</td>
<td>535</td>
</tr>
<tr>
<td>Height opened incl. top plate cm</td>
<td>B</td>
<td>342</td>
<td>350</td>
<td>345</td>
<td>360</td>
</tr>
<tr>
<td>Headroom with valance cm</td>
<td>C</td>
<td>214</td>
<td>214</td>
<td>217</td>
<td>217</td>
</tr>
<tr>
<td>Ground clearance from spoke edge cm</td>
<td>D</td>
<td>242</td>
<td>242</td>
<td>245</td>
<td>245</td>
</tr>
<tr>
<td>Headroom without valance cm from spoke edge</td>
<td>E</td>
<td>252</td>
<td>246</td>
<td>229</td>
<td>171</td>
</tr>
<tr>
<td>Crane height cm</td>
<td>F</td>
<td>92</td>
<td>92</td>
<td>92</td>
<td>92</td>
</tr>
<tr>
<td>Height lower disc flange cm</td>
<td>G</td>
<td>242</td>
<td>242</td>
<td>242</td>
<td>242</td>
</tr>
<tr>
<td>Weight without packaging kg</td>
<td>H</td>
<td>85</td>
<td>97</td>
<td>104</td>
<td>114</td>
</tr>
<tr>
<td>Support pole diameter mm</td>
<td>I</td>
<td>outer-Ø 100, pole thickness 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Packaging cardboard sleeve Ø 45 cm</td>
<td>J</td>
<td>length 560 cm weight 41 kg</td>
<td>length 530 cm weight 36 kg</td>
<td>length 560 cm weight 41 kg</td>
<td>length 560 cm weight 41 kg</td>
</tr>
<tr>
<td>Installation base length/width/min. depth cm</td>
<td>K</td>
<td>60 / 60 / 60</td>
<td>65 / 65 / 60</td>
<td>70 / 70 / 60</td>
<td>70 / 70 / 60</td>
</tr>
<tr>
<td>Minimum-ballast 9 x = approx. 1,008 kg</td>
<td>L</td>
<td>10 x = approx. 1,120 kg</td>
<td>11 x = approx. 1,232 kg</td>
<td>11 x = approx. 1,232 kg</td>
<td>12 x = approx. 1,344 kg</td>
</tr>
</tbody>
</table>

**Intermediate and special sizes on request. Dimensional tolerance approx. 5%.**
NEW!
ALBATROS 3.5 x 3.5 m, 8 Segments
MayTex-Acryl SA 314 396 green/apple green, structured
without valance

ALBATROS 5.0 x 5.0 m, 12 Segments
MayTex-Acryl SA 314 030 light grey
without valance

straight valance

continuous valance
### ALBATROS square

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>3.5 x 3.5 m</th>
<th>3.5 x 3.5 m</th>
<th>4.0 x 4.0 m</th>
<th>4.0 x 4.0 m</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Segments</strong></td>
<td>8</td>
<td>12</td>
<td>8</td>
<td>12</td>
</tr>
<tr>
<td><strong>Area</strong> m²</td>
<td>12.3</td>
<td>12.3</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>A Height closed incl. top plate cm</td>
<td>448</td>
<td>450</td>
<td>461</td>
<td>458</td>
</tr>
<tr>
<td>B Height opened incl. top plate cm</td>
<td>304</td>
<td>308</td>
<td>311</td>
<td>311</td>
</tr>
<tr>
<td>C Headroom with valance cm</td>
<td>214</td>
<td>214</td>
<td>214</td>
<td>214</td>
</tr>
<tr>
<td>D Headroom without valance cm</td>
<td>242</td>
<td>242</td>
<td>242</td>
<td>242</td>
</tr>
<tr>
<td>E Ground clearance from spoke edge cm</td>
<td>187</td>
<td>195</td>
<td>166</td>
<td>169</td>
</tr>
<tr>
<td>F Crank height cm</td>
<td>92</td>
<td>92</td>
<td>92</td>
<td>92</td>
</tr>
<tr>
<td>G Height lower disc flange cm</td>
<td>242</td>
<td>242</td>
<td>242</td>
<td>242</td>
</tr>
<tr>
<td><strong>Extended steel reinforcement</strong> integrated</td>
<td>integrated</td>
<td>integrated</td>
<td>integrated</td>
<td>integrated</td>
</tr>
<tr>
<td><strong>Weight without packaging kg</strong></td>
<td>64</td>
<td>89</td>
<td>73</td>
<td>93</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Support pole diameter mm</strong></td>
<td>outer-Ø 100, pole thickness 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Packaging</strong></td>
<td>cardboard sleeve Ø 45 cm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>length 670 cm</td>
<td>weight 33 kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>length 670 cm</td>
<td>weight 33 kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>length 648 cm</td>
<td>weight 34 kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>length 648 cm</td>
<td>weight 34 kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Installation base</strong></td>
<td>length/width/min. depth cm</td>
<td>60 / 60 / 60</td>
<td>60 / 60 / 60</td>
<td>65 / 60 / 60</td>
</tr>
<tr>
<td><strong>Minimum-ballast</strong></td>
<td>Number of layers of concrete slabs XZ49 required</td>
<td>6 x = approx. 672 kg</td>
<td>6 x = approx. 672 kg</td>
<td>7 x = approx. 784 kg</td>
</tr>
</tbody>
</table>

1) When concrete slabs are used as ballast, the parasol cannot be fully closed because of the length of the spokes. In this case the length of the mast can be extended by 20 cm at an extra charge (see pricelist Accessories and Bases). Note that the height dimensions then have to be increased by 20 cm.

The heights specified are for parasols with MayTex-Acryl covering fabric that are mounted in an anchor tube AZ120. The increase in height for parasols with other installation bases can be seen in the list below:

#### Full frame pedestals
- AZ111: + 1.5 cm
- AZ112: + 2 / 6 cm
- AZ116: + 10 / 14 cm

#### Anchor plate
- AZ204: + 1.5 cm

#### Base plate
- AZ246: + 3 cm
- AZ247: + 4.5 cm
- AZ248: + 6 cm
- AZ249: + 7.5 cm

#### Concrete parasol base
- AZ361 / AZ371: + 48.5 cm

Intermediate and special sizes on request. Dimensional tolerance approx. 5%.
NEW!
ALBATROS 5.5 x 5.5 m, 8 Segments
MayTex-Acryl SA 314 325 ecru
without valance

ALBATROS 6.0 x 6.0 m, 12 Segments
MayTex-Acryl DA 7244 lime green
without valance

straight valance

continuous valance
### ALBATROS square

<table>
<thead>
<tr>
<th></th>
<th>5.5 x 5.5 m</th>
<th>5.5 x 5.5 m</th>
<th>6.0 x 6.0 m</th>
<th>6.0 x 6.0 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Segments</td>
<td>8</td>
<td>12</td>
<td>8</td>
<td>12</td>
</tr>
<tr>
<td>Area</td>
<td>m²</td>
<td>30.3</td>
<td>30.3</td>
<td>36</td>
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<tr>
<td>A</td>
<td>Height closed incl. top plate</td>
<td>cm</td>
<td>456</td>
<td>507</td>
</tr>
<tr>
<td>B</td>
<td>Height opened incl. top plate</td>
<td>cm</td>
<td>334</td>
<td>334</td>
</tr>
<tr>
<td>C</td>
<td>Headroom with valance</td>
<td>cm</td>
<td>214</td>
<td>214</td>
</tr>
<tr>
<td>D</td>
<td>Headroom without valance from spoke edge</td>
<td>cm</td>
<td>242</td>
<td>242</td>
</tr>
<tr>
<td>E</td>
<td>Ground clearance from spoke edge</td>
<td>cm</td>
<td>51</td>
<td>110</td>
</tr>
<tr>
<td>F</td>
<td>Crank height</td>
<td>cm</td>
<td>92</td>
<td>92</td>
</tr>
<tr>
<td>G</td>
<td>Height lower disc flange</td>
<td>cm</td>
<td>242</td>
<td>242</td>
</tr>
<tr>
<td>H</td>
<td>Extended steel reinforcement integrated</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I</td>
<td>Weight without packaging MayTex-Acryl without valance</td>
<td>kg</td>
<td>97</td>
<td>116</td>
</tr>
<tr>
<td>J</td>
<td>Support pole diameter mm</td>
<td>outer-Ø 100, pole thickness 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K</td>
<td>Packaging cardboard sleeve Ø 45 cm</td>
<td>length 500 cm</td>
<td>length 500 cm</td>
<td>length 500 cm</td>
</tr>
<tr>
<td>L</td>
<td>Installation base length/width/min. depth cm</td>
<td>80/80/60</td>
<td>85/85/60</td>
<td>80/80/60</td>
</tr>
<tr>
<td>M</td>
<td>Minimum-ballast Number of concrete slabs XZ49 required</td>
<td>10 x approx. 1,120 kg</td>
<td>11 x approx. 1,232 kg</td>
<td>10 x approx. 1,232 kg</td>
</tr>
</tbody>
</table>

1) When concrete slabs are used as ballast, the parasol cannot be fully closed because of the length of the spokes. In this case the length of the mast can be extended by 20 cm at an extra charge (see pricelist Accessories and Bases). Note that the height dimensions then have to be increased by 20 cm.

The heights specified are for parasols with MayTex-Acryl covering fabric that are mounted in an anchor tube AZ120. The increase in height for parasols with other installation bases can be seen in the list below:

- Full frame pedestal: AZ111 + 1.5 cm
- Full frame pedestal: AZ112 + 2 / 6 cm
- Full frame pedestal: AZ116 + 10 / 14 cm
- Anchor plate: AZ204 + 1.5 cm
- Base plate: AZ246 + 3 cm
- Base plate: AZ247 + 4.5 cm
- Base plate: AZ248 + 6 cm
- Base plate: AZ249 + 7.5 cm
- Concrete parasol base: AZ361 / AZ371 + 48.5 cm

Intermediate and special sizes on request. Dimensional tolerance approx. 5%.
ALBATROS 4.0 x 6.0 m
MayTex-Acryl DA 8203 basalt grey
without valance

ALBATROS 7.0 x 8.0 m
MayTex-Acryl SA 314 362 dark green
without valance
ALBATROS rectangular 3.0 x 4.0 m 3.0 x 6.0 m 3.5 x 5.0 m 3.5 x 7.0 m 3.5 x 7.5 m

<table>
<thead>
<tr>
<th>Segment</th>
<th>3.0 x 4.0 m</th>
<th>3.0 x 6.0 m</th>
<th>3.5 x 5.0 m</th>
<th>3.5 x 7.0 m</th>
<th>3.5 x 7.5 m</th>
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</thead>
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<td>10</td>
<td>10</td>
<td>10</td>
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</tr>
<tr>
<td>A</td>
<td>437</td>
<td>483</td>
<td>447</td>
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<td>453</td>
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<td>B</td>
<td>296</td>
<td>305</td>
<td>304</td>
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<td>C</td>
<td>214</td>
<td>214</td>
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<td>214</td>
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<td>D</td>
<td>242</td>
<td>242</td>
<td>242</td>
<td>242</td>
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<td>E</td>
<td>182</td>
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<tr>
<td>H</td>
<td>82</td>
<td>99</td>
<td>88</td>
<td>104</td>
<td>106</td>
</tr>
</tbody>
</table>

Extended steel reinforcement: integrated, optional

Support pole diameter: outer-Ø 100, pole thickness 5

Packaging cardboard sleeve Ø 45 cm

Installation base length/width/min. depth cm: 60 / 60 / 60, 75 / 75 / 60, 75 / 75 / 60, 85 / 85 / 60, 80 / 80 / 60

Minimum-ballast 6 x = approx. 672 kg, 9 x = approx. 1,008 kg, 9 x = approx. 1,008 kg, 11 x = approx. 1,232 kg, 10 x = approx. 1,120 kg

Concrete parasol base: AZ361 / AZ371 + 48.5 cm

Intermediate and special sizes on request. Dimensional tolerance approx. 5%.
### ALBATROS rectangular

<table>
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<tr>
<th>SIZES</th>
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<th>5.0 x 7.5 m</th>
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<td>Segments</td>
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<tr>
<td>Area</td>
<td>m²</td>
<td>29</td>
<td>37.5</td>
<td>33</td>
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<tr>
<td>A Height closed incl. top plate</td>
<td>cm</td>
<td>525</td>
<td>535</td>
<td>507</td>
</tr>
<tr>
<td>B Height opened incl. top plate</td>
<td>cm</td>
<td>329</td>
<td>329</td>
<td>334</td>
</tr>
<tr>
<td>C Headroom with valance</td>
<td>cm</td>
<td>212</td>
<td>212</td>
<td>214</td>
</tr>
<tr>
<td>D Headroom without valance from spoke edge</td>
<td>cm</td>
<td>240</td>
<td>240</td>
<td>242</td>
</tr>
<tr>
<td>E Ground clearance from spoke edge</td>
<td>cm</td>
<td>130</td>
<td>72</td>
<td>93</td>
</tr>
<tr>
<td>F Crank height</td>
<td>cm</td>
<td>92</td>
<td>92</td>
<td>92</td>
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<tr>
<td>G Height lower disc flange</td>
<td>cm</td>
<td>190</td>
<td>200</td>
<td>242</td>
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</tbody>
</table>

Extended steel reinforcement: optional

| Weight without packaging | kg | 106         | 129         | 124         | 121         |
| Support pole diameter | mm | outer-Ø 100, pole thickness 5 |
| Packaging |   | length 560 cm weight 4.1 kg | length 560 cm weight 4.1 kg | length 530 cm weight 3.9 kg | length 560 cm weight 4.1 kg |
| Installation base | cm | 80 / 80 / 60 | 75 / 75 / 60 | 80 / 80 / 60 | 80 / 80 / 60 |

Minimum-ballast: 10 x = approx. 1,120 kg, 9 x = approx. 1,008 kg, 10 x = approx. 1,120 kg

When concrete slabs are used as ballast, the parasol cannot be fully closed because of the length of the spokes. In this case the length of the mast can be extended by 20 cm at an extra charge (see pricelist Accessories and Bases). Note that the height dimensions then have to be increased by 20 cm.

The heights specified are for parasols with MayTex-Acryl covering fabric that are mounted in an anchor tube AZ120. The increase in height for parasols with other installation bases can be seen in the list below:

- Full frame pedestal: AZ111 + 1.5 cm
- Full frame pedestal: AZ112 + 2 / 6 cm
- Full frame pedestal: AZ116 + 10 / 14 cm
- Anchor plate: AZ024 + 1.5 cm
- Base plate: AZ246 + 3 cm
- Base plate: AZ247 + 4.5 cm
- Base plate: AZ248 + 6 cm
- Base plate: AZ249 + 7.5 cm
- Concrete parasol base: AZ361 / AZ371 + 48.5 cm

Intermediate and special sizes on request. Dimensional tolerance approx. 5%.

---

**Intermediate and special sizes on request. Dimensional tolerance approx. 5%.**
Seawater-resistant stainless steel connections
To allow the use of the ALBATROS directly at the coast nearby salty sea water, rustproof materials must be used. With this package all turned and standard parts are supplied in stainless steel V4A (1.4401, AISI 316). Optimal protection for minimal oxidation of the aluminium frame.

art. no. 350139

Hexagonal fitting
for speedy opening and closing of parasol with battery-powered drill.

art. no. 200112

Protective sleeve, version zipper
with zipper and rope, without telescopic pole, art. no. 356041; made of tarp material, colour grey. May also be used for parasols with heaters, if they are demounted (winter storage). Please specify parasol size or serial number.

art. no. AA122

Protective sleeve, version zipper
for parasols with integrated heaters
with zipper and rope, without telescopic pole, art. no. 356041; made of tarp material, colour grey. For daily protection of your parasols with mounted heaters. Please specify parasol size or serial number.

art. no. AA124

Telescopic pole
maximum length 4.5 m, without ring. For retrofit of all protective sleeves with zipper. No ladder required for pulling on the protective sleeve. One piece per terrace needed.

art. no. 356041
Rain gutter in MayTex-Poly and MayTex-PVC, with aluminium rods for stabilization. Can only be used with valance.

art. no. XA141

Glass-fibre reinforced plastic holder for side sheet and rain gutter
1 piece per spoke required.
with 1 eyelet screw
with 2 eyelet screws
art. no. AA141 01
art. no. AA141 02

Holder for suspended rain gutter
made from aluminium and stainless steel, 1 piece per spoke required.
with 1 eyelet screw and 1 stainless steel angle, left
with 1 eyelet screw and 1 stainless steel angle, right
with 2 eyelet screw and 2 stainless steel angles
art. no. AA150
art. no. AA151
art. no. AA152

Length extension of centre pole
State required additional length in cm (max. 70 cm).

Shortening of centre pole
Length on request, dependent on parasol size.

Frame paint finish
Please state colour of powder-coating in RAL.

Canopy covering MayTex-PVC
approx. 480 g/m² ± 5%.

Side sheets
Textile in MayTex-Poly, see page 192 onwards.
Impact protection for parasol mast Ø 100 mm
Make sure that the children’s playing area is safe. Without safety precautions, carefree romping around may lead to tears. The soft material protects from painful bumps up to a height of 90 cm. If correctly mounted, our protective padding also covers the anchor tube. The vertical connection is fully fastened by hook-and-loop fastener. Therefore, the impact protection is optimally adapted to the parasol mast and so helps to minimize hard edges and corners that may lead to abrasions. Made from MayTex-PVC, available in all PVC colours of our cloth collection.

Lubricant LubriMay 13
for threaded spindle, content: 100 g.

CleanoMay 13
This highly efficient cleaning concentrate removes grease, oil, coal, rust as well as other stubborn stains on your parasol canopy covering or frame. It can also serve to clean machines, kitchens (recognised as safe for foodstuffs by the Fresenius Institute), barbeque grills, tarpaulins and plastics. Moreover, CleanoMay 13 is non-toxic, biodegradable, non-flammable and non-corroding. 1 litre concentrate yields 26 litres liquid cleanser.

Substitute canopy covering
An occasional change of canopy covering can give your patio a completely new flair.
Tubular motor
fully integrated in parasol mast, invisible; start-up via Plug and Play, open and close by pressing function key of radio transmitter for 3 seconds (for avoidance of unintentional switching), range of radio transmitter to parasol mast approx. 25 m; Control exclusively via radio. No wired control (fixed wiring) possible; incl. hand crank for use in case of power cut, incl. plug connector of ground cable to motor cable. The motor can only be used with anchor tubes AZ024, AZ120, AZ128, AZ186, AZ194, AZ256, AZ257, AZ258, AZ259 or AZ210. Compatible with LED-lighting, not compatible with heaters or loudspeakers; Power: 230 V~/50 Hz.
art. no. 202112

Single-channel hand-held radio transmitter
single-channel device sufficient if only one parasol is to be controlled. Simultaneous control of one or any number of parasols possible [2 signals].
art. no. 202105

Holder for radio transmitter
suitable for single-channel hand-held radio transmitter 202105. To be screwed to the wall.
art. no. 202115

18-channel hand-held radio transmitter
for the control of several parasols, can be used to control solitary as well as grouped parasols, programming possible in our company after prior date arrangement. 18-channel device. For separate control of up to 18 parasols (36 signals).
art. no. 202106

Holder for radio transmitter
suitable for 18-channel hand-held radio transmitter 202106. To be screwed to the wall.
art. no. 202116

Wall-mounted radio transmitter
radio transmitter for permanent screw-on installation. The transmitter must have direct visual contact with the radio receiver. Sufficient for the control of one parasol. Simultaneous control of one or any number of parasols possible (2 signals).
art. no. 202104

Radio transmitting station
2-channel radio transmitter to open and close tubular motors by a home automation system. Direct visual contact to the radio transmitter required. Controls 1 or 2 parasols or 1 up to 2 groups of parasols. 4 signals; unidirectional and sequential. Simple integration by potential-free switching contacts (> 3 sec). Can be combined with an 18-channel radio transmitter for single or group control. Input 12 V - 24 V DC or 230 V~/50 Hz.
art. no. 202108

Wind sensor
only to be used as a supportive measure. In case of rising wind, the operator of the business must see that the parasols are closed and secured with a strap. The wind sensor measures the speed of the wind and passes on a signal to the tubular motor, which then automatically closes the parasols. The wind threshold value can be programmed with an adjustable potentiometer. Solar-cell and radio transmission, no cabling needed. To be fastened in a suitable position with the two dowels supplied in the package. The location should be as exposed as possible and in the vicinity of the parasols. Direct visual contact with the radio receiver necessary.
art. no. 202110
Below you will find a list of our range of all-in kits on offer.

Choose a parasol and one of the kits listed. From page 178 onwards you will find more information on the individual kit components. The kits can, however, only be applied in combination with installation options AZ024, AZ120, AZ128, AZ186, AZ194, AZ256, AZ257, AZ258, AZ259 and AZ210. We recommend 4 lights and 4 heaters for parasols with an area of up to 30 m². It is not possible to combine heaters and a motor.

### Slim lights warm white

<table>
<thead>
<tr>
<th>Kit</th>
<th>art. no.</th>
<th>quantity</th>
<th>art. no.</th>
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<td>Slim light warm white 13 W</td>
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<td></td>
<td></td>
<td></td>
<td>Slim light warm white 13 W</td>
</tr>
</tbody>
</table>

### LED lighting warm white

To dim the LED bar warm white by smart phone or radio transmitter, order the Bluetooth remote dimmer art. no. 352888 and the Bluetooth remote control sender art. no. 352890 see page 186, if applicable.

<table>
<thead>
<tr>
<th>Kit</th>
<th>art. no.</th>
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<tr>
<td></td>
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<td></td>
<td>Power supply unit (PSU) for max. 4 LED bars, integrated in parasol</td>
</tr>
<tr>
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<td></td>
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<td>LED bar, warm white, without spot optics</td>
</tr>
<tr>
<td>Kit A 6LED</td>
<td>350949</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Power supply unit (PSU) for max. 6 LED bars, integrated in parasol</td>
</tr>
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<td>LED bar, warm white, without spot optics</td>
</tr>
<tr>
<td>Kit A 8LED</td>
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<tr>
<td></td>
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<td></td>
<td>Power supply unit (PSU) for max. 20 LED bars, installed on the outdoor wall or inside the house</td>
</tr>
<tr>
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<td>LED bar, warm white, without spot optics</td>
</tr>
<tr>
<td>Kit A 10LED</td>
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<td></td>
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<td>Power supply unit (PSU) for max. 20 LED bars, installed on the outdoor wall or inside the house</td>
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<td>LED bar, warm white, without spot optics</td>
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<tr>
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<td>Power supply unit (PSU) for max. 20 LED bars, installed on the outdoor wall or inside the house</td>
</tr>
<tr>
<td></td>
<td></td>
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<td>LED bar, warm white, without spot optics</td>
</tr>
</tbody>
</table>
**LED lighting**

**RGB-ww (colours & warmwhite)**

LED-bar RGB-ww (colours and warmwhite): Information on colour control and dimming by smartphone or Bluetooth remote control sender:

- Art. no. 352890, see page 186.

**Kit A 4RGB**

Art. no. 352974

230 V connection. Kit consists of:

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</table>

**LED-bar RGB-ww (colours and warmwhite)**

4 353925

**Infrared heaters**

In standard cases these kits are firmly connected with the underground cable. Alternatively, plug connector art. no. 200581 can be used.

**Kit A 0 4A**

Art. no. 351494

400 V connection. Kit consists of:

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**Infrared heater (RAL 9010 or 9006)**

4 200430

**Kit A 0 4Z**

Art. no. 351495

400 V connection. Kit consists of:

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<th>Art. No.</th>
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**Infrared heater (RAL 9010 or 9006)**

4 200430

**Kit A 6RGB**

Art. no. 352975

230 V connection. Kit consists of:

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<th>Art. No.</th>
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</thead>
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**LED-bar RGB-ww (colours and warmwhite)**

6 353925

**Kit A 8RGB**

Art. no. 352976

12 V connection. Kit consists of:

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**LED-bar RGB-ww (colours and warmwhite)**

8 353925

**Kit A 10RGB**

Art. no. 352977

12 V connection. Kit consists of:

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**LED-bar RGB-ww (colours and warmwhite)**

10 353925

**Kit A 12RGB**

Art. no. 352978

12 V connection. Kit consists of:

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<tr>
<td>1</td>
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</tbody>
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**LED-bar RGB-ww (colours and warmwhite)**

12 353925
**Infrared heaters + slim lights warm white**

In standard cases these kits are firmly connected with the underground cable. Alternatively, plug connector art. no. 200581 (400 V) can be used together with H1-plug connector art. no. 350931 [12V].

For parasol size 4,5 x 5,5 m, please opt for Kit A 6LED 4A.

For parasol sizes Ø 4 m, Ø 4.5 m, Ø 5 m, Ø 5.5 m, Ø 6 m, Ø 7 m, 3.5 x 3.5 m, 3 x 4 m, 3 x 6 m, 3.5 x 7 m with valance, 4 x 8 m with valance and 5 x 5.85 m with valance, please opt for Kit A 6LED 4Z.

To dim the LED bar warm white by smart phone or radio transmitter, order the Bluetooth remote dimmer art. no. 352888 and the Bluetooth remote control sender art. no. 352890 see page 186, if applicable.

---

### Kit A 6 4A art. no. 202066

<table>
<thead>
<tr>
<th>400 V connection. Kit consists of:</th>
<th>quantity</th>
<th>art. no.</th>
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<tbody>
<tr>
<td>Power supply within centre pole</td>
<td>1</td>
<td>354526</td>
</tr>
<tr>
<td>Electrical harness</td>
<td>1</td>
<td>200566</td>
</tr>
<tr>
<td>Automatic auxiliary cut out switch</td>
<td>1</td>
<td>202051</td>
</tr>
<tr>
<td>Cabling, long (only possible along diagonal spokes)</td>
<td>4</td>
<td>200579</td>
</tr>
<tr>
<td>Swivelling holder</td>
<td>4</td>
<td>200577</td>
</tr>
<tr>
<td>Infrared heater (RAL 9010 or 9006)</td>
<td>4</td>
<td>200438</td>
</tr>
</tbody>
</table>

**Slim light warm white 13 W**

| 6 | 202090 |

For parasol sizes Ø 4 m, Ø 4.5 m, Ø 5 m, Ø 5.5 m, Ø 6 m, Ø 7 m, 3.5 x 3.5 m, 3 x 4 m, 3 x 6 m, 3.5 x 7 m with valance, 4 x 8 m with valance and 5 x 5.85 m with valance please opt for Kit A 6LED 4Z.

---

### Kit A 8 4A art. no. 350984

<table>
<thead>
<tr>
<th>400 V connection. Kit consists of:</th>
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<th>art. no.</th>
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<tr>
<td>Power supply within centre pole</td>
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<tr>
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<td>202051</td>
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<td>4</td>
<td>200579</td>
</tr>
<tr>
<td>Swivelling holder</td>
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<td>200577</td>
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<tr>
<td>Infrared heater (RAL 9010 or 9006)</td>
<td>4</td>
<td>200438</td>
</tr>
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</table>

**Slim light warm white 13 W**

| 8 | 202090 |

For parasol sizes Ø 4 m, Ø 4.5 m, Ø 5 m, Ø 5.5 m, Ø 6 m, Ø 7 m, 3.5 x 3.5 m, 3 x 4 m, 3 x 6 m, 3.5 x 7 m with valance, 4 x 8 m with valance and 5 x 5.85 m with valance please opt for Kit A 8LED 4Z.

---

### Kit A 6 4Z art. no. 350601

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<td>354526</td>
</tr>
<tr>
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<td>200566</td>
</tr>
<tr>
<td>Automatic auxiliary cut out switch</td>
<td>1</td>
<td>202051</td>
</tr>
<tr>
<td>Cabling, short (please state position intended)</td>
<td>4</td>
<td>200585</td>
</tr>
<tr>
<td>Swift-fold spar</td>
<td>4</td>
<td>200578</td>
</tr>
<tr>
<td>Infrared heater (RAL 9010 or 9006)</td>
<td>4</td>
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**Slim light warm white 13 W**

| 6 | 202090 |

---

### Kit A 8 4Z art. no. 350895

<table>
<thead>
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<tr>
<td>Automatic auxiliary cut out switch</td>
<td>1</td>
<td>202051</td>
</tr>
<tr>
<td>Cabling, short (please state position intended)</td>
<td>4</td>
<td>200585</td>
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<tr>
<td>Swift-fold spar</td>
<td>4</td>
<td>200578</td>
</tr>
<tr>
<td>Infrared heater (RAL 9010 or 9006)</td>
<td>4</td>
<td>200438</td>
</tr>
</tbody>
</table>

**Slim light warm white 13 W**

| 8 | 202090 |

---

**Infrared heaters + LED lighting warm white**

In standard cases these kits are firmly connected with the underground cable.

**Kit A 4LED 4A art. no. 355154**

<table>
<thead>
<tr>
<th>400 V connection. Kit consists of:</th>
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<tbody>
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<td>Power supply within centre pole</td>
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<td>354526</td>
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<tr>
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</tr>
<tr>
<td>Cabling, long (only possible along diagonal spokes)</td>
<td>4</td>
<td>200579</td>
</tr>
<tr>
<td>Swivelling holder</td>
<td>4</td>
<td>200577</td>
</tr>
<tr>
<td>Infrared heater (RAL 9010 or 9006)</td>
<td>4</td>
<td>200430</td>
</tr>
</tbody>
</table>

**Power supply unit (PSU) for max. 4 LED bars, integrated in parasol**

| 1 | 351920 |

**LED bar, warm white, without spot optics**

| 4 | 352187 |

For parasol sizes Ø 4 m, Ø 4.5 m, Ø 5 m, Ø 5.5 m, Ø 6 m, Ø 7 m, 3.5 x 3.5 m, 3 x 4 m, 3 x 6 m, 3.5 x 7 m with valance, 4 x 8 m with valance and 5 x 5.85 m with valance please opt for Kit A 4LED 6Z.

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**Kit A 6LED 4A art. no. 350990**

<table>
<thead>
<tr>
<th>400 V connection. Kit consists of:</th>
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<tr>
<td>Power supply within centre pole</td>
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<tr>
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<tr>
<td>Swivelling holder</td>
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<td>200577</td>
</tr>
<tr>
<td>Infrared heater (RAL 9010 or 9006)</td>
<td>4</td>
<td>200430</td>
</tr>
</tbody>
</table>

**Power supply unit (PSU) for max. 6 LED bars, integrated in parasol**

| 1 | 351920 |

**LED bar, warm white, without spot optics**

| 4 | 352187 |

For parasol sizes Ø 4 m, Ø 4.5 m, Ø 5 m, Ø 5.5 m, Ø 6 m, Ø 7 m, 3.5 x 3.5 m, 3 x 4 m, 3 x 6 m, 3.5 x 7 m with valance, 4 x 8 m with valance and 5 x 5.85 m with valance please opt for Kit A 6LED 4Z.

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**Kit A 8LED 4A art. no. 350980**

<table>
<thead>
<tr>
<th>12 V + 400 V connection. Kit consists of:</th>
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<th>art. no.</th>
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</thead>
<tbody>
<tr>
<td>Power supply within centre pole</td>
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<tr>
<td>Electrical harness</td>
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<td>200579</td>
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<tr>
<td>Swivelling holder</td>
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</tr>
<tr>
<td>Infrared heater (RAL 9010 or 9006)</td>
<td>4</td>
<td>200430</td>
</tr>
</tbody>
</table>

**Power supply unit (PSU) for max. 6 LED bars, integrated in parasol**

| 1 | 351920 |

**LED bar, warm white, without spot optics**

| 8 | 352187 |

For parasol sizes Ø 4 m, Ø 4.5 m, Ø 5 m, Ø 5.5 m, Ø 6 m, Ø 7 m, 3.5 x 3.5 m, 3 x 4 m, 3 x 6 m, 3.5 x 7 m with valance, 4 x 8 m with valance and 5 x 5.85 m with valance please opt for Kit A 8LED 4Z.

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**Kit A 6LED 4Z art. no. 355155**

<table>
<thead>
<tr>
<th>400 V connection. Kit consists of:</th>
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<tbody>
<tr>
<td>Power supply within centre pole</td>
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<tr>
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<td>200585</td>
</tr>
<tr>
<td>Swift-fold spar</td>
<td>4</td>
<td>200578</td>
</tr>
<tr>
<td>Infrared heater (RAL 9010 or 9006)</td>
<td>4</td>
<td>200430</td>
</tr>
</tbody>
</table>

**Power supply unit (PSU) for max. 6 LED bars, integrated in parasol**

| 1 | 351920 |

**LED bar, warm white, without spot optics**

| 4 | 352187 |

For parasol sizes Ø 4 m, Ø 4.5 m, Ø 5 m, Ø 5.5 m, Ø 6 m, Ø 7 m, 3.5 x 3.5 m, 3 x 4 m, 3 x 6 m, 3.5 x 7 m with valance, 4 x 8 m with valance and 5 x 5.85 m with valance please opt for Kit A 6LED 6Z.
Infrared heaters + LED lighting

In standard cases these kits are firmly connected with the underground cable. Alternatively, plug connector art. no. 200581 (400 V) can be used together with H1-plug connector art. no. 350931 [12 V].

To dim the LED bar warm white by smartphone or radio transmitter, order the Bluetooth remote dimmer art. no. 352888 and the Bluetooth remote control sender art. no. 352890 see page 186, if applicable.

Infrared heaters + LED lighting

RGB-ww (colours & warmwhite)

In standard cases these kits are firmly connected with the underground cable. Alternatively, plug connector art. no. 200581 (400 V) can be used together with H1-plug connector art. no. 350931 [12 V].

LED-bar RGB-ww (colours and warmwhite): Information on colour control and dimming by smartphone or Bluetooth remote control sender art. no. 352890, see page 186.
Tubular motor

**Kit A 0 M**  art. no. 353015
230 V connection. Kit consists of:
- W-MAY 3-pole plug connector 1 352422
- Tubular motor (radio controlled) 1 202112
- Electrical harness 1 350932

To dim the LED bar warm white by smartphone or radio transmitter, order the Bluetooth remote dimmer art. no. 352888 and the Bluetooth remote control sender art. no. 352890 see page 186, if applicable.

**Tubular motor + LED lighting warm white**

Tubular motor: Please order radio transmitter separately, see page 152.

**Kit A 4LED M**  art. no. 350967
12 V + 230 V connection. Kit consists of:
- W-MAY 3-pole plug connector 1 352422
- H1-MAY plug connector 1 350931
- Power supply within centre pole 1 354523
- Electrical harness 1 350932
- Power supply unit (PSU) for max. 6 LED bars, installed on the outdoor wall or inside the house 1 351920
- LED bar, warm white, without spot optics 4 352187
- Tubular motor (radio controlled) 1 202112

**Kit A 6LED M**  art. no. 350968
12 V + 230 V connection. Kit consists of:
- W-MAY 3-pole plug connector 1 352422
- H1-MAY plug connector 1 350931
- Power supply within centre pole 1 354523
- Electrical harness 1 350932
- Power supply unit (PSU) for max. 6 LED bars, installed on the outdoor wall or inside the house 1 351920
- LED bar, warm white, without spot optics 6 352187
- Tubular motor (radio controlled) 1 202112

**Kit A 8LED M**  art. no. 350969
12 V + 230 V connection. Kit consists of:
- W-MAY 3-pole plug connector 1 352422
- H1-MAY plug connector 1 350931
- Power supply within centre pole 1 354523
- Electrical harness 1 350932
- Power supply unit (PSU) for max. 20 LED bars, installed on the outdoor wall or inside the house 1 350271
- LED bar, warm white, without spot optics 8 352187
- Tubular motor (radio controlled) 1 202112

**Kit A 10LED M**  art. no. 350970
12 V + 230 V connection. Kit consists of:
- W-MAY 3-pole plug connector 1 352422
- H1-MAY plug connector 1 350931
- Power supply within centre pole 1 354523
- Electrical harness 1 350932
- Power supply unit (PSU) for max. 20 LED bars, installed on the outdoor wall or inside the house 1 350271
- LED bar, warm white, without spot optics 10 352187
- Tubular motor (radio controlled) 1 202112

**Kit A 12LED M**  art. no. 350971
12 V + 230 V connection. Kit consists of:
- W-MAY 3-pole plug connector 1 352422
- H1-MAY plug connector 1 350931
- Power supply within centre pole 1 354523
- Electrical harness 1 350932
- Power supply unit (PSU) for max. 6 LED bars, installed on the outdoor wall or inside the house 1 350271
- LED bar, warm white, without spot optics 12 352187
- Tubular motor (radio controlled) 1 202112

**Kit A 4RGB M**  art. no. 352979
12 V + 230 V connection. Kit consists of:
- W-MAY 3-pole plug connector 1 352422
- H1-MAY plug connector 1 350931
- Power supply within centre pole 1 354523
- Electrical harness 1 350932
- Power supply unit (PSU) for max. 6 LED bars, installed on the outdoor wall or inside the house 1 350271
- Bluetooth remote dimmer v16-9 1 352888
- LED-bar RGB-ww (colours and warmwhite) 4 353925
- Tubular motor (radio controlled) 1 202112

**Kit A 6RGB M**  art. no. 352980
12 V + 230 V connection. Kit consists of:
- W-MAY 3-pole plug connector 1 352422
- H1-MAY plug connector 1 350931
- Power supply within centre pole 1 354523
- Electrical harness 1 350932
- Power supply unit (PSU) for max. 6 LED bars, installed on the outdoor wall or inside the house 1 350271
- Bluetooth remote dimmer v16-9 1 352888
- LED-bar RGB-ww (colours and warmwhite) 6 353925
- Tubular motor (radio controlled) 1 202112

**Kit A 8RGB M**  art. no. 352981
12 V + 230 V connection. Kit consists of:
- W-MAY 3-pole plug connector 1 352422
- H1-MAY plug connector 1 350931
- Power supply within centre pole 1 354523
- Electrical harness 1 350932
- Power supply unit (PSU) for max. 6 LED bars, installed on the outdoor wall or inside the house 1 350271
- Bluetooth remote dimmer v16-9 1 352888
- LED-bar RGB-ww (colours and warmwhite) 8 353925
- Tubular motor (radio controlled) 1 202112
### Kit A 8RGB M  art. no. 352981
12 V + 230 V connection. Kit consists of:

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>W-MAY 3-pole plug connector</td>
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<td>352422</td>
</tr>
<tr>
<td>H1-MAY plug connector</td>
<td>1</td>
<td>350931</td>
</tr>
<tr>
<td>Power supply within centre pole</td>
<td>1</td>
<td>354523</td>
</tr>
<tr>
<td>Electrical harness</td>
<td>1</td>
<td>350932</td>
</tr>
<tr>
<td>Power supply unit (PSU) for max. 20 LED bars,</td>
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<tr>
<td>installed on the outdoor wall or inside the house</td>
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<tr>
<td>Bluetooth remote dimmer v16-9</td>
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<tr>
<td>LED-bar RGB-ww (colours and warmwhite)</td>
<td>8</td>
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</tr>
<tr>
<td>Tubular motor (radio controlled)</td>
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</table>

### Kit A 10RGB M  art. no. 352982
12 V + 230 V connection. Kit consists of:

<table>
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<tr>
<th>Component</th>
<th>Quantity</th>
<th>Art. No.</th>
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<tbody>
<tr>
<td>W-MAY 3-pole plug connector</td>
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<td>352422</td>
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<tr>
<td>H1-MAY plug connector</td>
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<tr>
<td>Power supply within centre pole</td>
<td>1</td>
<td>354523</td>
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<tr>
<td>Electrical harness</td>
<td>1</td>
<td>350932</td>
</tr>
<tr>
<td>Power supply unit (PSU) for max. 20 LED bars,</td>
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<td>350271</td>
</tr>
<tr>
<td>installed on the outdoor wall or inside the house</td>
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</tr>
<tr>
<td>Bluetooth remote dimmer v16-9</td>
<td>1</td>
<td>352888</td>
</tr>
<tr>
<td>LED-bar RGB-ww (colours and warmwhite)</td>
<td>10</td>
<td>353925</td>
</tr>
<tr>
<td>Tubular motor (radio controlled)</td>
<td>1</td>
<td>202112</td>
</tr>
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</table>

### Kit A 12RGB M  art. no. 352983
12 V + 230 V connection. Kit consists of:

<table>
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<tr>
<th>Component</th>
<th>Quantity</th>
<th>Art. No.</th>
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</thead>
<tbody>
<tr>
<td>W-MAY 3-pole plug connector</td>
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<td>352422</td>
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<tr>
<td>H1-MAY plug connector</td>
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<td>350931</td>
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<tr>
<td>Power supply within centre pole</td>
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<td>354523</td>
</tr>
<tr>
<td>Electrical harness</td>
<td>1</td>
<td>350932</td>
</tr>
<tr>
<td>Power supply unit (PSU) for max. 20 LED bars,</td>
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<td>350271</td>
</tr>
<tr>
<td>installed on the outdoor wall or inside the house</td>
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<td>Bluetooth remote dimmer v16-9</td>
<td>1</td>
<td>352888</td>
</tr>
<tr>
<td>LED-bar RGB-ww (colours and warmwhite)</td>
<td>12</td>
<td>353925</td>
</tr>
<tr>
<td>Tubular motor (radio controlled)</td>
<td>1</td>
<td>202112</td>
</tr>
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**ALBATROS – mobile installation options**

**Full frame pedestal**
frame size 112 x 112 cm, total height 46 cm, height of frame x = 9 cm, weight approx. 60 kg, galvanized, theft pin as standard fitting (not at parasols with tubular motor). Suited for XZ49 or standard concrete slabs 50 x 50 x 5 cm (concrete slabs with cut off edge).

art. no. AZ111

---

**Full frame pedestal incl. 8 diagonal support levelling screws**, frame size 112 x 112 cm, total height 48 cm, max. 53 cm, weight approx. 63 kg, galvanized, theft pin as standard fitting (not at parasols with tubular motor). Suited for XZ49 or standard concrete slabs 50 x 50 x 5 cm (concrete slabs with cut off edge).

art. no. AZ112

---

**Full frame pedestal on feet**
for forklift or lift truck transport, 8 diagonal support levelling screws allow a height adjustment of 4 cm each, frame size, frame size 112 x 112 cm, foot height y = 10 to 14 cm, total height 56 cm, max. 60 cm, weight approx. 63 kg, galvanized, theft pin as standard fitting (not at parasols with tubular motor). Suited for XZ49 or standard concrete slabs 50 x 50 x 5 cm (concrete slabs with cut off edge).

art. no. AZ116

---

**Full frame pedestal with placement hinge**
customized height to fit patio surface, incl. 8 diagonal support levelling screws, frame size 112 x 112 cm, weight approx. 74 kg, galvanized, theft pin as standard fitting, incl. top plate for winter protection. Suited for XZ49 or standard concrete slabs 50 x 50 x 5 cm (concrete slabs with cut off edge), v = bore for power cable through centre post Ø 8.5 cm, x = 24 cm, y = 27.3 cm.

art. no. AZ210

---

**Concrete slabs with cut off edge**
1 set = 4 slabs, each 50 x 50 x 5 cm. Cut off edge 70 mm x 45°. Weight per slab: approx. 30 kg, total weight approx. 120 kg.

art. no. XZ49

---

**Steel plates with cut off edge**
1 set = 4 slabs, each 50 x 50 x 1.2 cm. Cut off edge 70 mm x 45°. Weight per slab: approx. 29 kg, total weight approx. 116 kg.

art. no. XZ51
ALBATROS – mobile installation options

Base pedestal with placement hinge
1-layer, 4 steel plates, on site assembled, heaviest component approx. 63 kg, base 147 x 147 cm, steel plate thickness x = 15 mm, galvanized, lockable with theft lock as standard, weight approx. 277 kg, v = bore for power cable through centre post Ø 8.5 cm.

art. no. AZ246

Base pedestal with placement hinge
2-layer, 8 steel plates, on site assembled, heaviest component approx. 63 kg, base 147 x 147 cm, steel plate thickness x = 15 mm, installation height 2 layer steel plates y = 30 mm, galvanized, lockable with theft lock as standard, weight approx. 526 kg, v = bore for power cable through centre post Ø 8.5 cm.

art. no. AZ247

Base pedestal with placement hinge
3-layer, 12 steel plates, on site assembled, heaviest component approx. 63 kg, base 147 x 147 cm, steel plate thickness x = 15 mm, installation height 3 layer steel plates y = 45 mm, galvanized, lockable with theft lock as standard, weight approx. 775 kg, v = bore for power cable through centre post Ø 8.5 cm.

art. no. AZ248

Base pedestal with placement hinge
4-layer, 16 steel plates, on site assembled, heaviest component approx. 63 kg, base 147 x 147 cm, steel plate thickness x = 15 mm, installation height 4 layer steel plates y = 60 mm, galvanized, lockable with theft lock as standard, weight approx. 1024 kg, v = bore for power cable through centre post Ø 8.5 cm.

art. no. AZ249

Anti-slip mat
1 set = 4 pieces, 73 x 73 cm each, suitable for the steel plates of the installation options AZ246, AZ247, AZ248, AZ249, AZ256, AZ257, AZ258 and AZ259. Increases the coefficient of friction between steel plate and floor covering (wood, concrete slabs, asphalt), and therefore reduces the risk of slipping during windy weather. Colour black, x = 3 mm.

art. no. 352789
Constructional innovation may become necessary in the course of technical progress.

NEW!
Concrete parasol base 995 kg for parasols without electrics
Stylish concrete base suitable for all locations that does not allow for a stationary installation option. The smooth fair faced concrete surface can be used as a seat, however, a local carpenter can also construct a cover that optimally integrates the base into your inventory. Useful openings enable the transport with a forklift or lift truck. Up to 4 cm difference in vertical height can be levelled by 4 adjustable feet.

height of concrete: \( x = 47.5 \text{ cm} \), \( z = 7 \text{ cm} \), total height min. 88 cm, max. 92 cm, base 110 x 110 cm, including concrete reinforcement.

As the ALBATROS centre pole rests on top of the concrete base, the height measurements of the parasol increase about 48.5-52.5 cm. The exact measure depends on the setting of the 4 adjustable feet.

Upper tube: Anchor tube AZ120, encased in concrete, with placement hinge, hot-dip galvanised, lockable with theft lock as standard, included in delivery, without cover disc for winter cover.

Installation information: The elevated position of the placement hinge complicates the installation of the parasol. The parasol needs a minimum ground clearance of 60 cm (see catalogue, measure F), to ensure the spoke ends won’t get damaged by the concrete base during assembly. Possibly order a length extension of centre pole. Looking at the head clearance, a centre pole shortening may be appropriate. However, this is not possible for all sizes and in combination with the tabular motor. The picture above shows a parasol with a shortened centre pole.

Pay attention to the minimum ballast required depending on the size of parasol. A fork lift must be available on site for the delivery. art. no. AZ361

NEW!
Concrete parasol base 995 kg for parasols with electrics
Concrete base analogue AZ361. The integrated cable channel enables a flexible connection of power and speaker cables.

The cable channel is flush mounted at the bottom. Therefore, the forklift or lift truck cannot damage it during transport. The cable channel can be removed, turned about 90°, and fixed again (flexible alignment with placement hinge).

The local electrician connects the power supply to the distributor box, tension relief is ensured by a special end construction with cable gland. If possible, we recommend to run the cable below ground or otherwise to protect it by a cable bridge.

\( v = \text{bore for power cable through centre post} \) Ø 8.5 cm.

art. no. AZ371

ALBATROS – stationary installation options

ALBATROS 6.0 x 6.0 m
Maytex-Acryl SA 314 014 mandarine

integrated on-wall box
ALBATROS – stationary installation options

Anchor foot to be embedded in concrete with placement hinge
2 pieces, theft pin as standard fitting, galvanized, weight approx. 20.5 kg, incl. top plate for winter protection. Pre-drill parasol with anchor foot on site.

$\begin{align*}
v &= \text{bore for power cable through centre post} \ 
&\quad \text{Ø 8.5 cm}, \\
w &= \text{bore hole for underground cable} \ 
&\quad \text{Ø 1.3 cm}, \\
a &= 36 \text{ cm}, \\
b &= 41 \text{ cm}, \\
x &= 24 \text{ cm}, \\
y &= 27.3 \text{ cm}, \\
z &= 14.5 \text{ cm}. 
\end{align*}$

art. no. AZ120

AZ120 options:
galvanized

AZ120 upper anchor tube, extra length

AZ120 lower anchor tube, extra length

AZ120 options:
galvanized with additional powder-coating

AZ120 upper anchor tube, standard length

ALBATROS – stationary installation options

Dowel-anchored plate with placement hinge
2 pieces, theft pin as standard fitting, galvanized, weight approx. 22 kg. Pre-drill parasol to top of anchor plate on site. Two packages of heavy-duty anchor bolts needed (art. no. 200900).

$\begin{align*}
v &= \text{bore for power cable through centre post} \ 
&\quad \text{Ø 8.5 cm}, \\
a &= 37.5 \text{ cm}, \\
x &= 34 \text{ cm}, \\
y &= 37.5 \text{ cm}, \\
t &= 1.2 \text{ cm}, \\
z &= \text{Ø 1.8 cm} \ 
\end{align*}$

art. no. AZ024

Dowel-anchored plate with placement hinge
customized height to fit patio surface, 2 pieces, theft pin as standard fitting, galvanized, anchor plate 50 x 50 cm, weight approx. 44 kg, incl. top plate for winter protection. Pre-drill parasol to top of anchor plate on site.

$\begin{align*}
v &= \text{bore for power cable through centre post} \ 
&\quad \text{Ø 8.5 cm}. 
\end{align*}$

Two packages of heavy-duty anchor bolts needed (art. no. 200900).

art. no. AZ128

RAL 9010  RAL 7016
ALBATROS – stationary installation options

Flat-roof dowel-anchored plate with placement hinge
externally insulated roof system, system-conform flat roof connection with liquid plastic, customized height to fit flat roof surface, screw-off upper part, lockable with theft lock as standard, galvanized, anchor plate 50 x 50 cm, weight approx. 65 kg, incl. top plate for winter protection. Pre-drill parasol to top of anchor plate on site. Two packages of heavy-duty anchor bolts needed (art. no. 200900). v = bore for power cable through centre post Ø 8.5 cm, x = 24 cm, y = 27.3 cm.

Anchor bolt

ALBATROS – stationary installation options

Flat-roof dowel-anchored plate with upper anchor tube
externally insulated roof system, loose-and-fixed flange assembly, bitumen waterproofing system and synthetic waterproofing material. Total height is determined by order to achieve the same level as the flat roof ground, dowelled plate 50 x 50 cm. Upper part removable, lockable with theft lock as standard, galvanized, weight approx. 37 kg, including top plate for winter protection. Pre-drill parasol to top of anchor plate on site. Two packages of heavy-duty anchor bolts needed (art. no. 200900), v = bore for power cable through centre post Ø 8.5 cm, x = 24 cm, y = 27.3 cm.

Flat-roof dowel-anchored plate with upper anchor tube
externally insulated roof system, loose-and-fixed flange assembly, bitumen waterproofing system and synthetic waterproofing material. Total height is determined by order to achieve the same level as the flat roof ground, dowelled plate 50 x 50 cm. Upper part removable, lockable with theft lock as standard, galvanized, weight approx. 37 kg, including top plate for winter protection. Pre-drill parasol to top of anchor plate on site. Two packages of heavy-duty anchor bolts needed (art. no. 200900), v = bore for power cable through centre post Ø 8.5 cm, x = 24 cm, y = 27.3 cm.

Flat-roof dowel-anchored plate with upper anchor tube
externally insulated roof system, loose-and-fixed flange assembly, bitumen waterproofing system and synthetic waterproofing material. Total height is determined by order to achieve the same level as the flat roof ground, dowelled plate 50 x 50 cm. Upper part removable, lockable with theft lock as standard, galvanized, weight approx. 37 kg, including top plate for winter protection. Pre-drill parasol to top of anchor plate on site. Two packages of heavy-duty anchor bolts needed (art. no. 200900), v = bore for power cable through centre post Ø 8.5 cm, x = 24 cm, y = 27.3 cm.

Flat-roof dowel-anchored plate with upper anchor tube
externally insulated roof system, loose-and-fixed flange assembly, bitumen waterproofing system and synthetic waterproofing material. Total height is determined by order to achieve the same level as the flat roof ground, dowelled plate 50 x 50 cm. Upper part removable, lockable with theft lock as standard, galvanized, weight approx. 37 kg, including top plate for winter protection. Pre-drill parasol to top of anchor plate on site. Two packages of heavy-duty anchor bolts needed (art. no. 200900), v = bore for power cable through centre post Ø 8.5 cm, x = 24 cm, y = 27.3 cm.

NEW!

Base pedestal with placement hinge
total height is determined by order to achieve patio level, 1-layer, 4 steel plates, on site assembled, heaviest component approx. 63 kg, base 147 x 147 cm, steel plate thickness x = 15 mm, galvanized, weight approx. 322 kg, including top plate, screw-off upper part, lockable with theft lock as standard, for winter protection. v = bore for power cable through centre post Ø 8.5 cm, y = 40 cm.

Base pedestal with placement hinge
total height is determined by order to achieve patio level, 2-layer, 8 steel plates, on site assembled, heaviest component approx. 63 kg, base 147 x 147 cm, steel plate thickness x = 15 mm, top part removable, lockable with theft lock as standard, galvanized, weight approx. 568 kg, including top plate for winter protection. v = bore for power cable through centre post Ø 8.5 cm, y = 40 cm.

Base pedestal with placement hinge
total height is determined by order to achieve patio level, 3-layer, 12 steel plates, on site assembled, heaviest component approx. 63 kg, base 147 x 147 cm, steel plate thickness x = 15 mm, top part removable, lockable with theft lock as standard, galvanized, weight approx. 817 kg, including top plate for winter protection. v = bore for power cable through centre post Ø 8.5 cm, y = 40 cm.

Base pedestal with placement hinge
total height is determined by order to achieve patio level, 1-layer, 4 steel plates, on site assembled, heaviest component approx. 63 kg, base 147 x 147 cm, steel plate thickness x = 15 mm, top part removable, lockable with theft lock as standard, galvanized, weight approx. 322 kg, including top plate, screw-off upper part, lockable with theft lock as standard, for winter protection. v = bore for power cable through centre post Ø 8.5 cm, y = 40 cm.

Theft pin
padlock and pin, in stainless steel, for support pole Ø 100 mm, suitable for retrofitting.

ALBATROS INSTALLATION OPTIONS

Anchor bolt

NEW!

Base pedestal with placement hinge
total height is determined by order to achieve patio level, 4-layer, 16 steel plates, on site assembled, heaviest component approx. 63 kg, base 147 x 147 cm, steel plate thickness x = 15 mm, top part removable, lockable with theft lock as standard, galvanized, weight approx. 1066 kg, including top plate for winter protection. v = bore for power cable through centre post Ø 8.5 cm, y = 40 cm.

ART no. 200826

Theft pin
padlock and pin, in stainless steel, for support pole Ø 100 mm, suitable for retrofitting.

ART no. 200900
ALBATROS 4.0 x 5.0 m
MayTex-Acryl SA 314 347 ruby
Premium parasol equipment for patios and smoking areas.

Parasols provide shelter from the sun and rain – a MAY premium parasol kit does more. Thanks to efficient lighting and infrared heating systems, this upmarket parasol concept for outdoor venues creates a warm and inviting ambience any time of the day and every season of the year. A feel-good environment created by maximum-comfort equipment helps to extend the outdoor season – your customers stay and enjoy. Moreover, you can offer them a comfortable smoking area outside. A place for smokers – a plus for your business!

Wind shelter for smoking areas
With the help of side sheets, your giant parasol will become all-weatherproof and offer shelter from side winds. The polyester fabric is robust and durable and at the same time offers ample space for commercial branding of your choice. Several options are available: with or without windows, or with a continuous light belt. See page 192 onwards.

Well-devised safety precautions
The use of electricity outdoors requires particularly careful safety measures. All our equipment materials and components are authorized for outdoor use and are splash-proof. To make sure the radiant heaters cannot be turned on while the parasol is closed, radiant heaters are secured by a three-step safety concept:
1. Main switch at the house
2. Rocker switch at each infrared heater
3. Sensor controlled, automatic cut out switch, art. no. 202051

Modern efficiency
In terms of the current electricity costs this system is an insider’s tip. In order to avoid unnecessary power consumption, each infrared radiant heater can be operated individually at its housing. The optional timer switch provides an additional saving possibility for smoking areas. The smoking person can activate the heater by the push of a button and after 15 minutes it shuts off automatically.

Ultra-easy handling
Service staff will have no problems in handling our parasols. When installed with premium equipment, MAY parasols can easily be closed without prior removal of heaters or lights.

Optimal heat range
The rays of the infrared heaters are emitted in thermal cones and thus form a protective belt of heat.

Example of heaters and lights mounted on Type SCHATTELLO with anchor tube SZ1150
KIT S 4 4A

Cabling, long high-quality outdoor cabling, waterproof plug connections, protection class IP68.

Electrical harness for current distributor
Cut-out switch against heat overload when parasol is closed. Installation of loud-speakers also possible.

Swivelling holder for easy handling and adjustment.

Silm lights 13 W, soft-white light, outdoor lighting, protection class IP45.

Power supply within centre pole to avoid damage to cabling.
1. Power supply
Anchor tube with placement hinge
SCHATTELLO art. no. SZ150, ALBATROS art. no. AZ120
Underground power supply is the safest and neatest option. The cable inside the parasol centre pole simply needs to be connected to the underground cable on site. The connection itself is within the anchor tube and becomes invisible. The placement hinge makes the installation easy. There is no risk of damaging cables. SZ150 see page 112, AZ120 see page 172.

W-MAY 3-pole plug connector art. no. 352422
Connects the power supply within the centre pole (see art. no. 200369 below) with a flexible underground cable. Can be used to install up to 8 slim lights or 20 LED bars. Use only for stationary parasol installation bases (e.g. SZ150).
Delivery includes: plug, socket and socket end cap. For on-site mounting with screw terminals for wires 0.75 – 4.0 mm², rigid and fine-wired. Clamping area of underground cable: 10 – 14 mm. IP68, 3-pole, 250 V, 20 A, -20 °C to 100 °C. Colour: black.

W-MAY 5-pole plug connector art. no. 200581
Connects the power supply within the centre pole (see art. no. 200369 below) with a flexible underground cable. Can be used to install up to 4 heaters together with 8 slim lights or 4 heaters together with 6 LED bars. Use only for stationary parasol installation bases (e.g. SZ150).
Delivery includes: plug, socket and socket end cap. For on-site mounting with screw terminals for wires 0.75 – 4.0 mm², rigid and fine-wired. Clamping area of underground cable: Ø 13 mm to Ø 18 mm. IP66, 5-pole, 400 V, 20 A, -20 °C to 100 °C. Colour: black.

SCHATTELLO and ALBATROS:
Due to lack of sufficient space, the 3-pole and 5-pole plug connectors listed above cannot be inserted together in the parasol centre pole. Should it become necessary to run 2 cables in one pole (e.g. additional cables for loudspeakers), one of the cables must be fixed firmly, for example, with a lustre terminal, H1 plug connector and shrink tubing.

External appliance plug art. no. 200582
Special care needs to be taken for parasols on a mobile pedestal base. This appliance plug with Cekon socket and integrated RCD ensures appropriate protection. 5-pole, 400V. However, not suitable for ALBATROS with full frame pedestal or for parasols with tubular motor.

Internal 2-circuit wiring art. no. 200587
Usually, parasols with heaters require a 400 V connection. If no high voltage current is available, 2 x 230 V cabling can be installed. In that case a maximum of 4 heaters and 6 LED bars can be fitted.

Power supply within centre pole art. no. 200369
Maximum safety is guaranteed by running the cabling through the support pole to the electrical harness. The risk of leakage or external hazards is thus minimized.

Power supply along one of the spokes art. no. 202052
Electric current can be run along a parasol spoke, provided there is a nearby socket in the wall of the house at a height of min. 2.3 m. It is always necessary to plug or unplug the parasol before opening or closing it. Make sure that the cable hanging from the parasol does not bother any guests or passers-by. When ordering, please enclose a sketch showing from which spoke the cable is to be run. Delivery includes: 1 m of cable to extend from a spoke end. Plug and socket not included.

2. Current distribution
Electrical harness
Full wiring in accordance with the circuit system is skilfully enclosed in this inconspicuous electrical harness – no cable tangle. Just another contribution to the overall elegance of the eye-catching parasol.

Electrical harness SCHATTELLO art. no. 200565
Adapter art. no. 200567 is necessary for SCHATTELLO sizes 2 x 4 m, 2.5 x 3.5 m, 2.5 x 4 m, 2.5 x 5 m, 3 x 3 m, 3 x 4 m, 3 x 4.5 m, 3 x 5 m, 3 x 6 m, 4 x 6 m, 4 x 4 x 4 m, Ø 6 m 12 spokes.

Electrical harness ALBATROS art. no. 200556

Cabling
Current is run directly from the electrical harness to the heater via special plug connectors to VDE rubber-sheathed cables. This material is safer and more durable for outdoor use than PVC.

Cabling, long art. no. 200579
for swivelling holder art. no. 202040 (SCHATTELLO) and art. no. 200577 (ALBATROS).

Cabling, short art. no. 200585
for swift-fold spar art. no. 200578.
3. Mounting of heaters

Swivelling holder
The heaters are fixed onto the end of a spoke with a swivelling holder. Thanks to this innovative, patented mechanism the heaters can be turned 90° and remain mounted when the parasol is closed. No tiresome mounting and dismounting when opening and closing the parasol.

Swivelling holder SCHATTELLO  art. no. 202040
Not suitable for 6 x 6 x 6 m with valance, Ø 3 m, Ø 4 m, Ø 5 m, 2 x 2 m, 2.5 x 2.5 m, 3.5 x 3.5 m, 2 x 3 m, 2 x 4 m, 2.5 x 3 m, 2.5 x 3.5 m and 4 x 4 m. Alternative: opt for swift-fold spar, art. no. 200578.

SCHATTELLO
Possible positions: Heater with swivelling holder

Swivelling holder ALBATROS  art. no. 200577
Not suitable for Ø 4 m, Ø 4.5 m, Ø 5 m, Ø 6 m, Ø 7 m, 3.5 x 3.5 m, 3 x 4 m, 3 x 6 m, 3.5 x 7 m with valance, 4 x 8 m with valance and 5 x 8.5 m with valance.
Alternative: opt for swift-fold spar, art. no. 200578.

ALBATROS
Possible positions: Heater with swivelling holder

<table>
<thead>
<tr>
<th>4 heaters</th>
<th>6 heaters</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 segments, round</td>
<td>12 segments, round</td>
</tr>
<tr>
<td>12 segments, square</td>
<td>12 segments, square</td>
</tr>
<tr>
<td>12 segments, rectangular</td>
<td>12 segments, rectangular</td>
</tr>
</tbody>
</table>
3. Mounting of heaters

Swivelling holder
The heaters are fixed onto the end of a spoke with a swivelling holder. Thanks to this innovative, patented mechanism the heaters can be turned 90° and remain mounted when the parasol is closed. No tiresome mounting and dismounting when opening and closing the parasol.

SCHATTELLO
Possible positions: Heater with swift-fold spar
- 8 segments, round
- 12 segments, round
- 8 segments, square

ALBATROS
Possible positions: Heater with swift-fold spar
- 12 segments, round
- 8 segments, square
- 12 segments, square
- 12 segments, rectangular

4. Infrared heaters

Infrared radiant heater 1,400 W art. no. 200430
Conventional heating systems warm up the air. The heat slowly evolves and is gradually transmitted to customers outside - at considerable expense. In bad weather conditions the warmth is blown away again before even reaching the customers. MAY infrared heaters warm only the surface at which they are directed, providing uniform, instant-on heat.

No energy-wasting warming-up process, so that customers very soon feel comfortably warm. Cosy warmth at the push of a button – in spite of any chilly breezes. All heaters have case-mounted switches.

Available in following colours: pure white RAL 9010, and white RAL 9006, fine structure / matt. With W-MAY plug; 230 V, 50 Hz, splash-proof IP24 (ENEC).

5. Safety and energy-saving options

Automatic auxiliary cut out switch art. no. 202051
This automatic safety switch ensures that the heater cannot be accidentally switched on while the parasol is closed. Thus heat will not be able to accumulate under the canopy covering, then causing damage or even setting the whole parasol on fire.

Timer switch
Do you wish to keep the costs down at the smoking area? Your guests are able to activate the heater for about 15 minutes at the push of a button. A small button - an enormous (saving) effect.

art. no. 202050
Timer switch, by button at the electrical harness.
In case of a distributor flange position (with electrical harness) of more than 2 m height we recommend the timer switch, art. no. 353017.

art. no. 353017
Timer switch, by rocker switch at the support pole
In case of a distributor flange position (with electrical harness) of more than 2 m height we recommend the timer switch by rocker switch at the support pole. It is mounted at the support pole at a height of approximately 85 cm for a better access.

6. Slim lights

The luminous body of the slim lights is completely embedded in the enclosure and is thus well-protected for outdoor use. 4, 6 or 8 slim lights, each running at 13 W, can be fitted to the parasol. The soft-coloured lights are screwed directly onto the main spokes.

Slim light warm white art. no. 202090
2'700° K; 13 Watt; IP65; The T5 light tube is exchangeable.
7. LED lighting

Energy-efficient LED light bars (12 Volt) subtly fitted on the underside of the spokes. The 60 high-performance LEDs per bar are extremely durable, dimmable, waterproof, shock-resistant and powered by an upstream power supply unit. The number of LED bars to be mounted and the colour of the light can be determined by you.

PSU for 6 LED bars art. no. 351920
For the use of max. 6 LED bars on the parasol (each 12 V DC / 0.5 A), IP67; 90-260 V AC 50 / 60 Hz input; 12 V DC / 3.3 A output; temperature -40° to +70°C; air-cooled. If a tubular motor is to be used, the 6-connection power supply unit must be installed on the outside wall or inside the house. In that case an additional 12 V supply cable is needed for the parasol.

SCHATTELLO: Mounted on the telescopic pole at the factory.
ALBATROS: Installed in the electrical harness.

The combination "heaters + LED lighting + loudspeakers" is only possible with a 400 Volt supply cable. Moreover, in this case, a maximum of 6 LED bars can be installed. This is due to the limited space for cables in the parasol centre pole.

PSU for 20 LED bars art. no. 350271
To be used with a maximum of 20 LED bars warm white (each 12 V DC / 0.5 A) or 27 LED bars RGB-ww (each 12 V DC / 0.4 A) at the parasol. IP65; 90-270 V AC 50 / 60 Hz input; 12 V DC / 11 A output; intern dimmable: 5.5-11 A; temp. -30° up to + 70°C, air-cooled.

SCHATTELLO and ALBATROS:
The power supply unit for 20 LED bars must be installed on the outside wall or inside the house. In that case an additional 12 V supply cable is needed for the parasol.

Bluetooth remote dimmer v16-9 art. no. 352888
4 channels, 36 Watt / 12 Volt, for 12 LED-bars RGB-ww (colours and warm white) or 8 LED-bars warm white. Operated by Bluetooth and free app for iOS (≥ 5) or Android (≥ 4.3 with API-Level ≥ 18). Please go to www.may.ag/comp.pdf to check the compatibility. The app lets you control several dimmers separately and save one colour permanently. Simply scan the QR code (see page 188) to download the app.

Bluetooth remote control sender art. no. 352890
To control 2 Bluetooth remote dimmer with LED-bars RGB-ww (colours and warm white) or 4 Bluetooth remote dimmer with LED-bars warm white. (art. no. 352888).

Light spectrum
The RGB-ww LEDs can create various colour combinations (see examples below).
8. App for Bluetooth remote dimmer

The free app for Bluetooth remote dimmer is available for download at https://www.may.ag/apps or can simply be downloaded by QR code (shown on the left). The app is available for Android and iOS (Apple).

Simple operation
Easily mix various luminous colours and save individual light courses and brightness values by the app for Bluetooth remote dimmer. Additionally, the app provides a “switch-off comfort” that turns off the light after one minute automatically.

9. Loudspeakers

art. no. 202080
Offer pleasant background music to your guests. There are two outdoor loudspeakers neatly incorporated in the electrical harness and therefore weather protected and theft-proof.

The internal cable guide (through centre pole and anchor tube) protects the audio cable from weather effects and damaging. The parasol can be closed without demounting the loudspeakers. Each speaker provides 8 Watt peak performance and 8 Ohm impedance.

If more than one parasol is used, the speaker control must be adjusted individually or an ELA system is required (100 V technique). In case an ELA system is used, each parasol needs a 100 V transformer art. no. 353664.

100 V transformer art. no. 353664
Required for the use of an ELA system. The parasols are supplied with a mono signal, therefore one 100V transformer is needed for each parasol, additionally to the two loudspeakers.
10. USB charging station for new parasols orders

Are you thinking about how you may acquire more guests, how you may encourage them to come more often and on a regular basis?

An USB charging station at your MAY giant parasol, visible even from a distance, may offer an effective incentive. Up to 4 smartphones or tablets may be charged safely at the same time.

If your guests are feeling comfortable, the revenue per guest increases, your guests will be happy to visit your place again and will recommend the special service of your location.

Scope of delivery:
- 2 sockets for 2 smartphones each (4 x 1.5A; 5V DC), in a weather-proof housing, 4 theft-proof charging cables with 3 plug options for the most common smartphones (Micro-USB, USB Type C and Apple Lightning) as well as a black swan neck bracket.

The power supply cable (230V AC, 50Hz) for the USB charging station can be guided
1) along a spoke or
2) through the centre pole and installation base with a trough-bore for electrics.

The USB charging station can be combined with LEDs or heaters, however, a combination with motor drive, speakers or time switch is not possible.

Guide to IP protection classes

Safety instructions:
Dimensioning and installation of electrical leads must be carried out by a certified electrician only. Always protect your parasol with RCD and automatic cut-out.

Protection level of electrical components:
The quality of an electrified parasol largely depends on its level of protection. Think, for example, of squirting champagne or any similar unpredictable festivity occurrence and you will agree that “prevention is better than cure”. The norm EN 60529 defines different classes or degrees of protection, so-called IP classes. (IP = International Protection).

<table>
<thead>
<tr>
<th>IP-degree</th>
<th>Protection against contact</th>
<th>Protection against foreign objects</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>no protection</td>
<td>no protection</td>
</tr>
<tr>
<td>1</td>
<td>large-area parts of the body (e.g. back of the hand)</td>
<td>large foreign objects (Ø 50 mm)</td>
</tr>
<tr>
<td>2</td>
<td>finger</td>
<td>medium-sized foreign objects (Ø &gt; 12 mm)</td>
</tr>
<tr>
<td>3</td>
<td>tools and wires (Ø &gt; 2.5 mm)</td>
<td>small foreign objects (Ø &gt; 2.5 mm)</td>
</tr>
<tr>
<td>4</td>
<td>tools and wires (Ø &gt; 1 mm)</td>
<td>grain-shaped foreign objects (Ø &gt; 1 mm)</td>
</tr>
<tr>
<td>5</td>
<td>complete protection against contact</td>
<td>dust deposits</td>
</tr>
<tr>
<td>6</td>
<td>complete protection against contact</td>
<td>comp. protection against penetration of dust</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IP-degree</th>
<th>Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>no protection</td>
</tr>
<tr>
<td>1</td>
<td>protection against vertically falling drops of water</td>
</tr>
<tr>
<td>2</td>
<td>protection against drops of water coming from an angle of up to 15°</td>
</tr>
<tr>
<td>3</td>
<td>protection against spraying water hitting the vertical surface from an angle of up to 60°</td>
</tr>
<tr>
<td>4</td>
<td>protection against water splashing from all directions</td>
</tr>
<tr>
<td>5</td>
<td>protection against jets of water</td>
</tr>
<tr>
<td>6</td>
<td>protection against strong jets of water</td>
</tr>
<tr>
<td>7</td>
<td>protection against temporary submersion in water</td>
</tr>
<tr>
<td>8</td>
<td>protection against long periods of submersion in water</td>
</tr>
</tbody>
</table>
Customized side sheet solutions

Side sheets provide all-weather protection and ward off side-winds. The May-Tex Poly material is durable and can be imprinted with any graphic design of your choice. Several variations are available, e.g. without windows, with windows or with a continuous light belt.

- All side sheets are of MayTex-Poly material.
- We recommend opting for parasols with valances if side sheets are to be used. Thus draughts through the space between the canopy and the side sheets can be avoided.
- Side sheets are fastened to the end of the spokes with specific holders. It will therefore be necessary to order holders number FA141, SA141 or AA141, depending on your parasol type.

### FILIUS | SCHATTELLO | ALBATROS
--- | --- | ---
A300 | • | • | •
A303 | • | • | •
A306 | • | • | •
A309 | • | • | •
A312 | • | • | •
A315 | • | • | •
Roll-up door | • | • | •

The side sheets shown below extend across one side of the parasol and are fastened to the spokes.

- A300
- A303
- A306
- A309
- A312
- A315

#### Roll-up door
Side sheet with roll-up door. Only possible in combination with variations A300 or A303.

<table>
<thead>
<tr>
<th>x in cm</th>
<th>y in cm</th>
<th>z in cm</th>
<th>b in cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>A303</td>
<td>35</td>
<td>135</td>
<td>30</td>
</tr>
<tr>
<td>A306</td>
<td>35</td>
<td>135</td>
<td>30</td>
</tr>
<tr>
<td>A309</td>
<td>35</td>
<td>135</td>
<td>30</td>
</tr>
<tr>
<td>A312</td>
<td>35</td>
<td>135</td>
<td>25</td>
</tr>
<tr>
<td>A315</td>
<td>35</td>
<td>135</td>
<td>25</td>
</tr>
<tr>
<td>Roll-up door</td>
<td>35</td>
<td>200</td>
<td>100</td>
</tr>
</tbody>
</table>
MayTex-Acryl with Texgard impregnation

- material: 100% polyacrylic, spun-dyed, weight 300g/m² ±5%
- water column (fabric water tightness) 370 mm, European standard EN 20 811
- colour fastness: grade 7 (against bleaching), tested acc. to standard EN ISO 105-BO2 (1= min., 8= max.)
- colour fastness to artificial weathering: grade ≥4-5 (against bleaching), tested acc. to standard EN ISO 105-BO4 (1= min., 5= max.)
- protection against UV rays: UPF 40-80, tested acc. to UV standard 801
- weather-proof, high and low temperature resistant
- Texgard impregnation gives effective protection against oil, grease, mildew and algae, industrial pollution, exhaust fumes and other negative environmental factors
- tested acc. to OEKO-TEX Standard 100 (63864 OETI, ZC 638/2 IFTH)
- imprinted ads: on parasol canopy and valance in durable, brilliant screen-printing quality
- cleaning: easy to clean with CleanoMay 13, even when mounted

SA 314 010 white
similar to RAL 9003
bordering 00 white

SA 314 018 white, grey knopped
similar to RAL 9016
bordering 00 white

SA 314 580 white, yellow/white nap
similar to RAL 1002
bordering 18 silver

SA 314 325 ecru
similar to RAL 1013
bordering 52 nature

SA 314 085 vanilla
similar to RAL 1015
bordering 20 ivory

SA 314 583 white/yellow, grey knopped
similar to RAL 1023/1013
bordering 20 ivory

SA 314 093 ivory
similar to RAL 1023
bordering 20 ivory

DA 7550 light yellow
similar to RAL 1023
bordering 00 ivory

SA 314 002 yellow
similar to RAL 1023
bordering 32 yellow

SA 314 045 pyrite
similar to RAL 1002
bordering 00 ivory

SA 314 014 mandarine
similar to RAL 1033
bordering 79 mandarin

SA 314 002 orange
similar to RAL 1002
bordering 81 orange

SA 314 397 magenta
similar to RAL 4010
bordering 410 magenta

SA 314 007 pure red
similar to RAL 3028
bordering 82 red

SA 314 001 cherry
similar to RAL 3020
bordering 85 cherry

SA 314 347 ruby
similar to RAL 3003
bordering 85 cherry

SA 314 471 silver grey,
dark brown knopped
similar to RAL 1013/7006
bordering 18 silver

SA 314 030 light grey
similar to RAL 7007
bordering 81 orange

SA 314 028 stone-grey, mottled
similar to RAL 7042
bordering 18 silver

SA 314 044 grey-white
similar to RAL 7004
bordering 18 silver

The shades shown here are not in accordance with the original ones. If requested, we will be pleased to send you a collection of original cloth samples. Special colours are available upon request.
**MayTex-Acryl** with Texgard impregnation

- **Material:** 100% polyacrylic, spun-dyed, weight 300g/m² ±5%
- **Weatherproof, high and low temperature resistant**
- **Texgard impregnation gives effective protection against oil, grease, mildew and algae, industrial pollution, exhaust fumes and other negative environmental factors**
- **Tested acc. to OECD-TEX Standard 100 (63864 OETI, QC 638/2 IFTH)**
- **Imprinted ads: on parasol canopy and valance in durable, brilliant screen-printing quality**
- **Cleaning: easy to clean with CleanoMay 13, even when mounted**

<table>
<thead>
<tr>
<th>Colour Code</th>
<th>Colour Description</th>
<th>RAL Code</th>
<th>Bordering Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>SA 314 364</td>
<td>Telegrey/white</td>
<td>7046</td>
<td>147 Opal</td>
</tr>
<tr>
<td>DA 8779</td>
<td>Olive brown</td>
<td>7002</td>
<td>9533 Olive brown</td>
</tr>
<tr>
<td>DA 7559</td>
<td>Taupe</td>
<td>7006</td>
<td>9533 Taupe</td>
</tr>
<tr>
<td>DA 8203</td>
<td>Basalt grey</td>
<td>7010</td>
<td>97 Grey Basalt</td>
</tr>
<tr>
<td>SA 314 298</td>
<td>Atlas grey</td>
<td>7043</td>
<td>97 Grey Basalt</td>
</tr>
<tr>
<td>SA 314 402</td>
<td>Black/beige, structured</td>
<td>6006</td>
<td>19 Black</td>
</tr>
<tr>
<td>SA 314 316</td>
<td>Dark brown</td>
<td>8017</td>
<td>27 Dark brown</td>
</tr>
<tr>
<td>SA 314 154</td>
<td>Black</td>
<td>9017</td>
<td>19 Black</td>
</tr>
</tbody>
</table>

**MayTex-Poly**

- **Material:** 81% polyester, 19% polyacrylics, weight 230 g/m² ±5%
- **Water column (fabric water tightness) 1000 mm, European standard EN 20 811**
- **Colour fastness: grade ≥7 (against bleaching), tested acc. to standard EN ISO 105-BO2 (1= min., 8= max.)**
- **Protection against UV rays: UPF 80, tested acc. to UV standard 801 (see page 201 for individual values)**
- **Texgard impregnation gives effective protection against oil, grease, mildew and algae, industrial pollution, exhaust fumes and other negative environmental factors**
- **Tested acc. to OECD-TEX Standard 100 (63864 OETI)**
- **Imprinted ads: on parasol canopy and valance in durable, brilliant screen-printing quality**
- **Cleaning: easy to clean with CleanoMay 13, even when mounted**

<table>
<thead>
<tr>
<th>Colour Code</th>
<th>Colour Description</th>
<th>RAL Code</th>
<th>Bordering Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>M 9577</td>
<td>White</td>
<td>9010</td>
<td>00 White</td>
</tr>
<tr>
<td>M 9823</td>
<td>Ivory</td>
<td>1015</td>
<td>20 Ivory</td>
</tr>
<tr>
<td>M 9875</td>
<td>Creme</td>
<td>1015</td>
<td>11 Beige</td>
</tr>
<tr>
<td>M 9816</td>
<td>Sand</td>
<td>1001</td>
<td>10 Pyrite</td>
</tr>
<tr>
<td>M 9526</td>
<td>Bright yellow</td>
<td>1023</td>
<td>32 Yellow</td>
</tr>
<tr>
<td>M 9527</td>
<td>Orange</td>
<td>2004</td>
<td>81 Orange</td>
</tr>
<tr>
<td>M 9671</td>
<td>Red</td>
<td>3020</td>
<td>62 Red</td>
</tr>
<tr>
<td>M 9675</td>
<td>Cherry red</td>
<td>3000</td>
<td>85 Cherry</td>
</tr>
<tr>
<td>M 9878</td>
<td>Terracotta</td>
<td>8004</td>
<td>83 Rust</td>
</tr>
<tr>
<td>M 9879</td>
<td>Bordeaux</td>
<td>3004</td>
<td>86 Bordeaux</td>
</tr>
<tr>
<td>M 9793</td>
<td>Bright blue</td>
<td>5005</td>
<td>63 Blue</td>
</tr>
<tr>
<td>M 9545</td>
<td>Dark blue</td>
<td>5003</td>
<td>91 Navy Blue</td>
</tr>
<tr>
<td>M 9710</td>
<td>Woodland green</td>
<td>6005</td>
<td>95 Dark Green</td>
</tr>
<tr>
<td>M 9653</td>
<td>Grey</td>
<td>7004</td>
<td>18 Silver</td>
</tr>
<tr>
<td>M 9654</td>
<td>Graphite grey</td>
<td>7024</td>
<td>97 Grey Basalt</td>
</tr>
<tr>
<td>M 9852</td>
<td>Black</td>
<td>9004</td>
<td>19 Black</td>
</tr>
</tbody>
</table>

The shades shown here are not in accordance with the original ones. If requested, we will be pleased to send you a collection of original cloth samples. Special colours are available upon request.
MayTex-PVC

- material: 71% chlorofibre, 29% polyester, weight 480 g/m² ± 5%
- water column (fabric water tightness) > 1000 mm, European standard EN 20 811
- colour fastness: grade 3-7 (against bleaching), tested acc. to standard EN ISO 105-BO2 (1 = min., 8 = max.)
- flammability: “flame retardant” (without printing):
  - “B1” German standard DIN 4102-1
  - “M2” French standard NF P 92-503
  - “CL2” Italian standard CL UNI 9177
- protection against UV rays: UPF80, tested acc. to UV standard 801
  (see page 201 for individual values)
- Texgard impregnation gives effective protection against oil, grease, mildew and algae, industrial pollution, exhaust fumes and other negative environmental factors
- in accordance with REACH
- 100% recyclable (to be returned to May Gerätebau GmbH)
- imprinted ads: on parasol canopy and valance in durable, brilliant screen-printing quality
- cleaning: easy to clean with CleanoMay 13, even when mounted

• 00 white
  - similar to RAL 9016
  - bordering 00 white

• 20 ivory
  - similar to RAL 1015
  - bordering 20 ivory

• 11 beige
  - similar to RAL 1001
  - bordering 11 beige

• 239 white matt
  - similar to RAL 9016
  - bordering 00 white

• 241 ivory matt
  - similar to RAL 1015
  - bordering 20 ivory

• 544 beige matt
  - similar to RAL 1001
  - bordering 11 beige

• 405 black matt
  - similar to RAL 9004
  - bordering 19 black

• 331 grey matt
  - similar to RAL 7004
  - bordering 18 silver

• 544 beige matt
  - similar to RAL 1001
  - bordering 11 beige

On request we can also supply parasols for indoor use with further flame retardant fabrics acc. to DIN 4102-1 B1 (only available without screen print).

The shades shown here are not in accordance with the original ones. If requested, we will be pleased to send you a collection of original cloth samples. Special colours are available upon request.

Borderings

If no colour is specified, a binding tape will be chosen to match the cloth.

- 00 white
- 20 ivory
- 11 beige
- 32 yellow
- 302 331 grey matt
- 148 terracotta
- 83 rust
- 86 bordeaux
- 91P mallow
- 82 red
- 85 cherry
- 63 blue
- 187 blue patina
- 66 sapphire
- 91 navy blue
- 42 lime green
- 44 grass-green
- 162 green patina
- 45 olive
- 95 dark green
- 18 silver
- 147 opal
- 97 grey basalt
- 936 taupe
- 25 light brown
- 9533 olive brown
- 27 dark brown
- 19 black

If no colour is specified, a binding tape will be chosen to match the cloth.
The textile finishing of a parasol canopy – i.e. the fabrics – is not only the most important and most conspicuous feature of any sun protection system, it also fulfills numerous functions:

**Colour, light and shade: personal well-being, atmosphere and decoration**

The comprehensive range of upmarket classics and specialities. The fabric keeps out the light. It protects, shades, creates atmosphere and serves as an element of design and decoration. The fabric evokes a sense of harmony and creates a feeling of well-being by filtering and tinting the light and thus lending a room and its environment a very special soothing atmosphere. The impact a fabric has on a person is decisively determined by its colour, pattern and degree of translucence.

**Harmony and Inner peace**

through well-balanced colours and natural shades of colour.

**Joie de vivre**

through vibrant colours.

---

**Healthy shade provider, protection from harmful UV radiation**

The sun is a source of life and its light provides our bodies with essential vitamins, but it can also be very dangerous. Studies by the WHO indicate a threefold increase in skin diseases caused by harmful UV radiation. The UV Protection Factor [Sun Protection Factor] of our fabrics is a unit that indicates to what extent they increase the human skin’s natural protection time to direct sunlight. The length of the natural protection of human skin depends on the skin type. The following textiles in our collection have been tested and certified according to the latest and most stringent standard UV 801.

---

**How high is your personal protection factor? Type 1-6**

<table>
<thead>
<tr>
<th>Type</th>
<th>Characteristics</th>
<th>Reaction of the unprotected skin to 30 mins. radiation in June</th>
<th>The human skin’s natural protection time</th>
<th>Protection time of the skin shaded by a parasol</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>light skin, freckles, fair or red hair, blue or green eyes</td>
<td>always sunburn</td>
<td>5-10 minutes</td>
<td>200-400 minutes</td>
</tr>
<tr>
<td>2</td>
<td>light skin, fair hair, blue or green eyes</td>
<td>always sunburn</td>
<td>10-20 minutes</td>
<td>400-800 minutes</td>
</tr>
<tr>
<td>3</td>
<td>dark hair, blue eyes</td>
<td>slight sunburn</td>
<td>20-30 minutes</td>
<td>800-1200 minutes</td>
</tr>
<tr>
<td>4</td>
<td>dark skin, dark or black hair, brown eyes</td>
<td>no sunburn</td>
<td>approx. 45 minutes</td>
<td>approx. 1800 minutes</td>
</tr>
<tr>
<td>5</td>
<td>dark skin, black hair, dark eyes</td>
<td>no sunburn</td>
<td>approx. 60 minutes</td>
<td>approx. 2400 minutes</td>
</tr>
<tr>
<td>6</td>
<td>black skin, black hair, black eyes</td>
<td>no sunburn</td>
<td>approx. 90 minutes</td>
<td>approx. 3600 minutes</td>
</tr>
</tbody>
</table>

Source: Krebsliga Schweiz / Cancer Association Switzerland. www.krebsliga.ch
Product properties of fabrics

Parasol cloths are high-performance products. However, given the requirements that have to be met in the field of environmental protection, there is a limit to the degree of perfection that can be achieved in spite of present-day state-of-the-art production and processing. As a result, customers may occasionally lodge complaints regarding certain features that can appear on the cloth. Such features neither alter the value of the product, nor do they impair its usability in any way. As we feel committed to providing full consumer information and thus hope to avoid irritation or dissatisfaction, we should like to draw your attention to the following features:

Crease marks
Crease marks may appear during the production process or when folding the parasol fabric. When held against the light, cloths – particularly those of a light colour – may appear to have a dark streak in the crease.

Chalk effect
Light chalk-like stripes may arise during the processing of materials. Although the greatest of care is taken, they cannot always be totally avoided.

Water/rain resistance
Acrylic canopy covering are impregnated with a water-repelling finish and can withstand short periods of light rainfall if treated with proper care. During lengthy periods of rainfall or heavy downpours, however, the parasol should remain closed in order to prevent any material damage. If the cloth becomes wet, the canopy covering should be opened again as soon as possible to allow it to dry.

Abrasion marks
In the course of time abrasion may weaken the canopy fabric and thus impair its quality. This can be avoided by pulling the cloth between the spokes when closing the parasol and then securing it with a yellow strap to prevent flapping.

Cleaning instructions
Stains can be cleaned off with a soft brush and CleanoMay 13. Rinse well afterwards with clean water to remove all detergents from the fabric. A high-pressure hose may be used for large-area surfaces (max. 30º C, max. 30 bar, min. distance from canopy covering 30 cm, cleaner: CleanoMay 13, 1 litre concentrate yields 26 litres liquid cleanser.

Characteristic features of our sewing yarn:
- high tensile strength
- optimum abrasion resistance
- well-balanced elongation property
- high thermal resilience
- good light and weather fastness

Alternating segment colours
Alternating segment colours are available as illustrated.

Bordering
The canopy covering is trimmed with high-quality polyacrylic edge binding. If not specified otherwise, the border will be chosen to match the colour of the canopy fabric. For special optical accents you may also choose the canopy and binding in contrasting colours.
More revenue
The parasol roof stabilisers reinforce a giant parasol so it can be used almost throughout the year. High stability provides optimal all-weather protection and so helps to increase revenue in the gastronomy sector. A benefit in all respects.

Sustainability
A giant parasol that is equipped with parasol roof stabilisers can withstand stronger winds. Therefore, this reduces the movements of the spokes and so increases the durability. These are your benefits:
1. Extended durability conserves resources and protects the environment. Decide for a higher investment that pays off long-term.
2. Worldwide the climate warming causes extreme weather events. The more stable an installation is built the better it can withstand these challenging environmental conditions.

The concept
Upgrade your giant parasol to gain maximum stability. The parasol roof stabiliser supports the spokes at the outer edge, right where the highest forces are acting on. The drag and compressive forces of the wind are absorbed and so the giant parasol gains enormous stability.

Field of application
The parasol roof stabiliser is your solution if your parasol should remain open even during stronger winds. This is especially interesting for exposed areas such as open terraces, coastal areas or top floors of office or industrial buildings.

General Information

Wind-resistant side sheets
Even with smaller parasol models side sheets sometimes have to withstand high wind pressures. The weight of the side sheets also puts force on a giant parasol. Parasol roof stabilisers are able to absorb these forces. Additionally, side sheets can firmly be tied down to the floor without putting additional force onto the parasol. Therefore, parasol roof stabilisers enable you to protect even larger areas for your customers.

Stabilisation levels
Four parasol roof stabilisers attached to the diagonal spokes, reinforce the basic stability of a giant parasol at a reasonable price. The optimum is reached if all spokes are supported by parasol roof stabilisers. Due to the modular design you can easily upgrade from four spokes to all spokes.

Keep calm and brave the wind
Up to 200 kg of drag and compressive forces of the wind can be absorbed in axial direction.

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Keep calm and brave the wind
Up to 200 kg of drag and compressive forces of the wind can be absorbed in axial direction.
**Upper fixation**
Clamping with flexible ball knob

**Parasol roof stabiliser**
Thread bar with cross bolt and ball socket

**Bottom fixation**
DMZ installation option

---

**Initial installation**
The “upper fixation” is firmly glued to the aluminium spoke during initial installation. Therefore, it remains attached also for opening and closing of the giant parasol.

**Automatic adjustment**
The ball housing of the ball socket adjusts itself to each spoke automatically during installation (on main axis) – independent from its angle of slope. There is no complicated setting or adjustment. Therefore, the parasol roof stabilisers can be flexibly used for any spoke during installation.

**Parasol roof stabiliser**
Standard length, telescoping system, aluminium EV1 silver-grey, base mast outer-Ø 55 x 3 mm, telescopic tube outer-Ø 48 x 4 mm, total length retracted 165 cm, total length extended 285 cm.

- suitable for SCHATTELLO and ALBATROS article no. 354104

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**Upper fixation**
Aluminium profile in EV1 silver-grey, white ball socket.

- suitable for SCHATTELLO article no. 354100
- suitable for ALBATROS article no. 354102
Uneven terrace floor

Does the parasol stand on a lightly sloping terrace? Do you want to install the base evenly to avoid tripping hazards during disassembly? This is absolutely no problem. The telescoping mechanism levels out different heights. Due to the infinite clamping, the parasol roof stabilisers even are interconvertible. There is no need of marking as they can be used flexibly for any spoke.

Easy installation and suitability for gastronomy

The parasol roof stabiliser is designed for a quick and easy assembly and disassembly. There are no special tools required.

There are two fixation options for the clamps. The components for both options are supplied with each standard delivery.

1. Quick lock: For daily opening and closing, the parasol roof stabiliser can easily be removed by handle.
2. Fixed installation: The clamps can be fixed with hexagon screws if the parasol remains open for a longer period of time or if opening by unauthorised persons should be avoided.

Connecting elements

All connecting elements of the parasol roof stabiliser are designed to have zero clearance. This avoids mechanical clacking in case of wind and so your guests are not bothered by disturbing background noises.

Strong and stable

The heavy-duty thick material ensures reliable use in rough environments. The high weight of 4.7 kg complements the appearance of a maximally stable solution. All components are designed for heavy loading. Up to 200 kg of drag and compressive forces of the wind can be absorbed. This has been tested at the MAY factory.

The Material

The telescopic bars are made from aluminium. The surfaces are EV1 anodized and extremely shock and impact resistant.

Centre pole extension / centre pole shortening

The telescoping mechanism allows a “headroom without valance” [measure D, see MAY catalogue commercial parasols] of minimum 165 cm and maximum 285 cm. Therefore, the standard measure as well as extensions up to 40 cm are easily realized. Only in case of extreme centre pole extensions, “upper tubes with extensions” are required.

Bottom fixation

Initial installation

„Bottom fixation” stands for the anchoring with the ground. Basically all FILIUS installation options can be used, therefore all options whose article numbers start with „DMZ“.

The bottom tube below ground

The DMZ118 bottom tube is a permanent installation and remains in the ground, no matter if the parasol roof stabiliser is mounted or demounted.

The upper tube

This component can be used temporarily as well as permanently. The upper tube can be removed when demounting the parasol roof stabiliser. The supplied winter cover makes the bottom part trip-proof. Therefore, there is no risk of accidents or injuries.

The upper tube can also remain mounted even if the parasol roof stabiliser is demounted. This saves assembly time. However, the risk of injuries is at owner’s risk.
The screw-in ground anchor has proven ideal for state-of-the-art foundations. No digging, no concreting necessary. Below a chart showing that ground-screw installation is more time and cost efficient than concreting.

<table>
<thead>
<tr>
<th>Concreting</th>
<th>Ground screw installation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation workers have to make two journeys because of waiting time for concrete to cure.</td>
<td>Just one person comes to take a soil sample. The next time, the screw-in ground anchor is installed. No installation waiting-time.</td>
</tr>
<tr>
<td>concrete, gravel and water needed.</td>
<td>only the ground screw needed.</td>
</tr>
<tr>
<td>soil excavation necessary.</td>
<td>installed with a special groundscrew driver.</td>
</tr>
<tr>
<td>costs of excavation and disposal of spoil.</td>
<td>soil is only shaken up and shifted somewhat.</td>
</tr>
<tr>
<td>cannot be relocated.</td>
<td>relocation possible.</td>
</tr>
<tr>
<td>surrounding area spoiled by excavation work.</td>
<td>surrounding area remains unspoiled.</td>
</tr>
<tr>
<td>weather-dependent.</td>
<td>installation possible even in frosty ground.</td>
</tr>
</tbody>
</table>

### Screw-in ground anchor

Basically, the installation system consists of two components: the screw-in ground anchor and the parasol upper anchor tube.

#### Function

The ground screw is driven vertically down into the ground until the flange plate is absolutely level with the ground. Due to the conical shape of the shaft, the soil is compressed, providing maximum stability and security. With the help of a Krinner driver, screw-in anchors can be installed into ground up to soil class 4. Special installation machinery may be necessary for higher soil classes.

#### Upper anchor tube

The upper anchor tube is fastened to the flange plate of the ground screw with three screws. By means of three adjusting screws the parasol pole is aligned into an upright position.

#### Environmentally-friendly

The entire surroundings remain unspoiled and in original condition, so there is no surface area coverage.

#### Statics test

To eliminate any risks, parasols installed with screw-in ground anchors and upper anchor tubes have been static-tested for use in soil classes 3–7 and windforce 4.

#### Preparatory measures

Before placing your order, please make sure that there are no gas, water, power or other supply lines in the vicinity of the designated spot for the ground screw that could be damaged during installation. Customers are required in advance to declare their own responsibility and liability concerning this matter in writing.

#### Installation machinery

For information and services concerning installation machinery for screw-in ground anchors please contact one of the “Krinner Groundscrew” trade partners at: www.krinner.com. You will require the following Krinner attachment: Z1 Attachment F 1234567.

A company employee will first pay an on-site visit to take a soil sample. This will determine whether your screw-in ground anchor can be installed with a groundscrew driver or if special installation machinery is needed. Installation costs will depend on the services required.
Ground screw installation in 5 steps

1. Soil removal and pre-drilling
Remove any paving and gravel to a depth of approx. 15 cm. Using a 40 mm drill, pre-drill vertically into the designated installation spot.

2. Preparation
In preparation for the 2.1 m screw-in ground anchor, a smaller, approx. 1.2 m screw must be driven into the ground and then removed again.

3. Installation
Drive the 2.1 m ground screw into the pre-drilled hole until it is flush with the ground. If several parasols are to be installed, use a leveling instrument to make sure that all ground screws are flush.

4. Aligning
Screw on the upper anchor tube with an open-end wrench and hex key, then align vertically with adjusting screws so that the mounted parasol is upright.

5. Final step
Fill up with gravel and lay paving stones right close to the flange plate so that the ground screw itself becomes invisible.
Add on benefits to your parasol

Decide for a successful local marketing. With printings on the valances you reach the eye level of your customers. Large, eye-catching motives can be placed onto the canopy. You decide if they are legible from above or from below.

A printed protection sleeve provides a perfect advertising space that achieves a powerful marketing even in the off-season when the parasol is closed. We will be happy to assist you – from the first sketch to the expressive final product.

For more information see the brochure „Printing guidelines“. Please download this under: www.may.ag/orderform_F.pdf or scan the QR code.

Art. no. 355799

SCHATTELLO 4.0 x 4.0 m
cloth: MayTex-Poly
decor and colour: M 9875 creme
without valance
For further information we will be happy to assist you.

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