

Summer, Sun – MAY



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Anton May, company founder

The secret of success is to satisfy a customer's needs.

- innovative
- flexible
- upmarket

**MAY – shade systems
Made in Germany**



In 1983, Anton May and his wife Gertrud May set up a small family business called MAY Gerätebau GmbH. Thanks to an ardent entrepreneurial spirit, a sense of creativity and an intuitive feel for innovation, MAY quickly became a well-established trade name on the market. The company now offers jobs for more than 80 employees in rural Upper Swabia, South Germany.

Anton May has, meanwhile, passed the business on to his two sons, Karl-Heinz and Klaus-Peter May, who successfully run the family enterprise, combining tradition with modern management.



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



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



CAD construction of the mechanism of a MAY parasol



It's the small details that make a great difference.

- designed in Germany
- manufactured in Germany
- tried and proven in the whole world

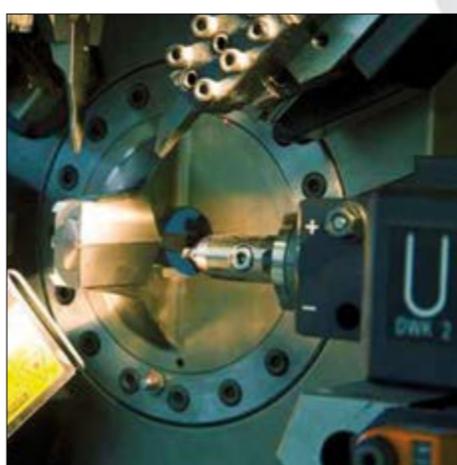
**MAY – shade systems
Made in Germany**

For over 25 years MAY has been a leading trade name for premium parasols. Right from the start, the company has resolutely pursued a policy of transferring creative concepts into technical solutions. The result: multi-purpose parasols, used and proven in all kinds of weather, 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.

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 parasols.



Designing at a CAD work station



Precision work in the CNC centre



Cutting out accurately to a tenth of a millimetre using state-of-the-art computer technology



Sewing with finest handicraft

References



Frank Oehler

Awarded, amongst others,
by:

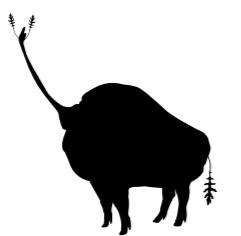
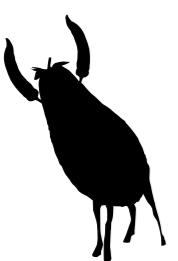
- Guide Michelin
- Gusto
- Gault Millau
- Der Feinschmecker

And a well-known celebrity
in the RTL2 TV-programme
“Kitchen Pros in Action”)



Karl-Heinz May

Frank Oehler



SPEISEMEISTEREI
Schloss Hohenheim



Star-awarded chef Johann Lafer

- Gault Millau
- Guide Michelin

TV Chef of the Year 2006

Prize-winning cookbook author



Johann Lafer

Klaus-Peter May



Your Personalized Side-Post Parasol



For us, YOU, our customer, are the measure of all things. No matter how individual your needs, our customized product range is sure to meet your requirements. Simply compose your very own side-post parasol from a variety of options. Choose from the following series:

MEZZO, DACAPO and RIALTO.

A large range of accessories is available for each parasol type.





The easy-to-handle
side-post parasol

- optimal adjustability
- ergonomic handling
- stability while in use
- product video at www.may-online.com

MAY – shade systems
Made in Germany



Video





Ergonomic handling



Stability while in use



Optimal adjustability
The canopy can be rotated around all three axes:
360° around the support pole
180° around the cross arm
90° around the joint axis

Such unique freedom of movement makes it possible for the user to adjust the parasol to the changing position of the sun or to use it as a protective screen.



MEZZO MG – Standard Model

Stability while in use

The practical Mezzo canopy lock allows the user to open and close the parasol when it is in an inclined position and prevents the canopy from swinging in the wind.

Ergonomic handling

The operational mechanism of the parasol is conveniently positioned and can easily be adjusted to suit the height of your choice.

Crank drive

With the help of a crank Mezzo can be opened and closed, positioned and locked in next to no time.

High-quality framework materials

The poles of our parasols are all made of high-quality alloyed, extruded aluminium profiles. Frame surfaces are anodized, highly impact-proof, and available in the colour EV1

natural silver-grey. The spokes are of spring steel and powder-coated, available in white aluminium RAL 9006.

Canopy covering

For fabrics and colours cf. Page 134 onward.

Valance options

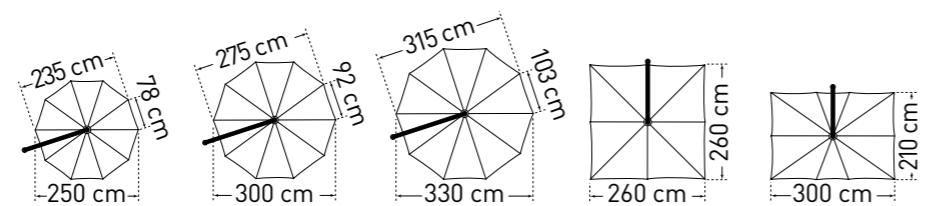
- without valance
- straight valance

Installation options

- mobile
 - stationary
- cf. Page 22 onward.

When not in use

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



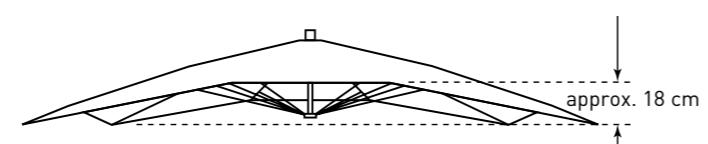
MEZZO standard model MG	Ø 2.5 m	Ø 3.0 m	Ø 3.3 m ¹⁾	2.6 x 2.6 m	2.1 x 3.0 m ²⁾
Segments	10	10	10	8	10
Area m ²	5	7	8.5	6.75	6.25
A without / with valance cm	193	192/182	200	209	195
B without / with valance cm	253	261/251	269	268	261
C without / with valance cm	339	359/369	405	372	351
D without / with valance cm	127	104 / 114	100	129	150
E cm	162	162	170	162	162
F cm	280	305	335	282	272
G cm	55	55	55	55	55
H cm	90	90	90	90	90
I without / with valance cm	182/192	182/192	192	192	192
K without / with valance cm	259/269	259/269	278	268	270
L without / with valance cm	30/40	30/40	40	38	40
M without / with valance cm	92/102	93/103	90	69	73
P without / with valance cm	83/74	80/70	73	50	54
Weight without packaging kg	16	17	18	16	16
Q Support pole diameter mm	outer-Ø 55, pole thickness 3				
Packaging	rectangular cardboard box: l= 290 cm, w= 37 cm, h= 15 cm, approx. 3 kg				
Installation base length/width/min. depth cm	50/50/60				
Minimum ballast incl. full frame pedestal DMZ411	1 layer of concrete slabs XZ40 = approx. 95 kg				

¹⁾ Additional pedestal weight may be required for windy locations (upwind, sloping sites and so on). Do not use granite base.

Pedestals require 2 sets of concrete slabs.

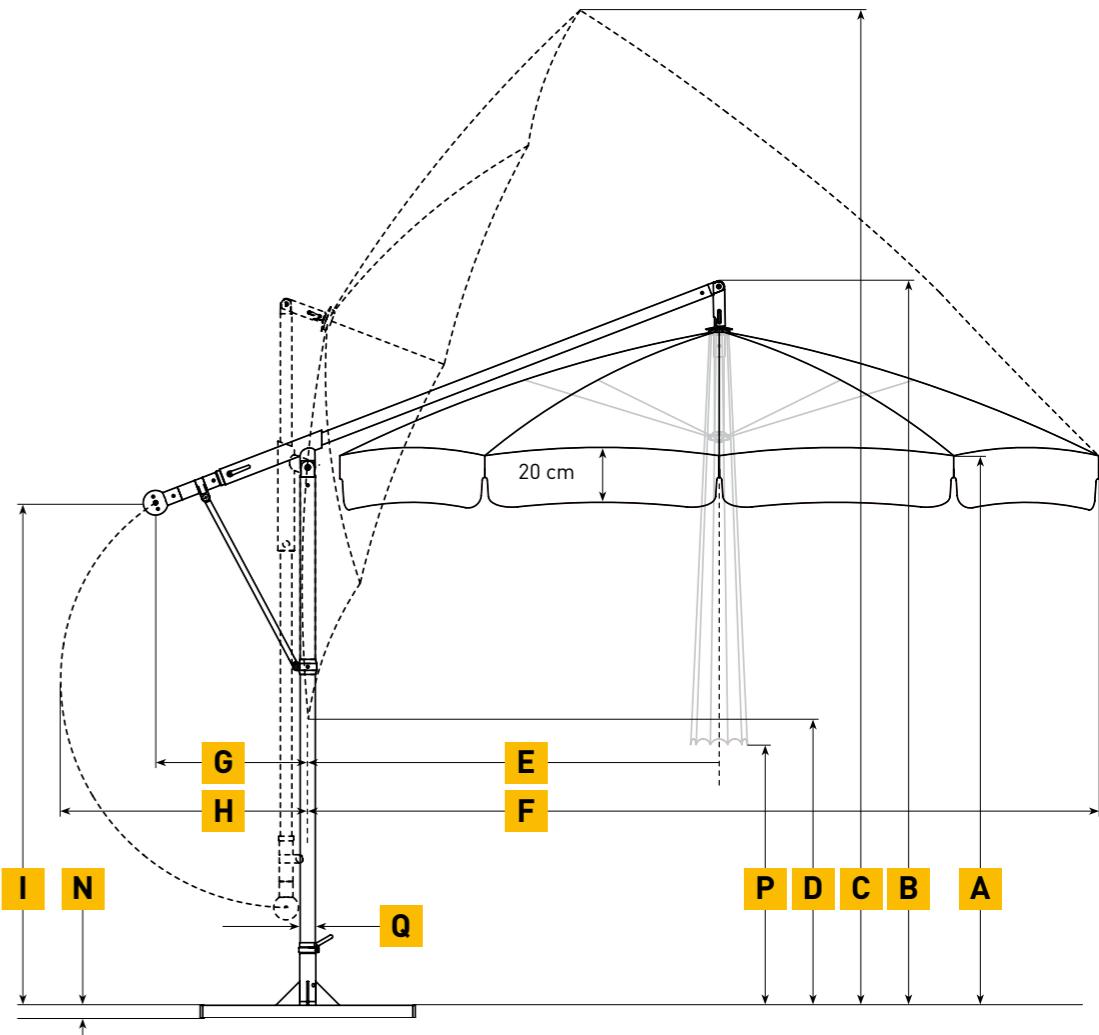
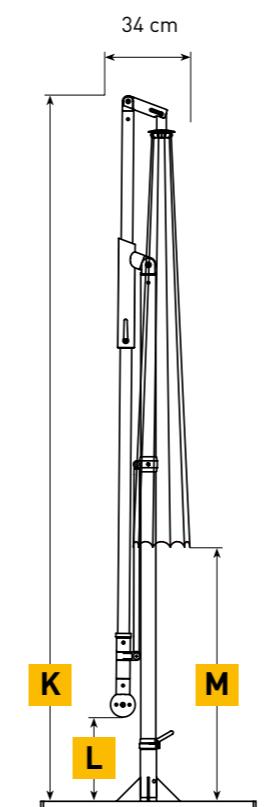
²⁾ The canopy is vaulted, so that the corner spokes are approx. 9 – 18 cm lower than the centre spokes. (cf. sketch)

All measurements are to be understood as approximate.



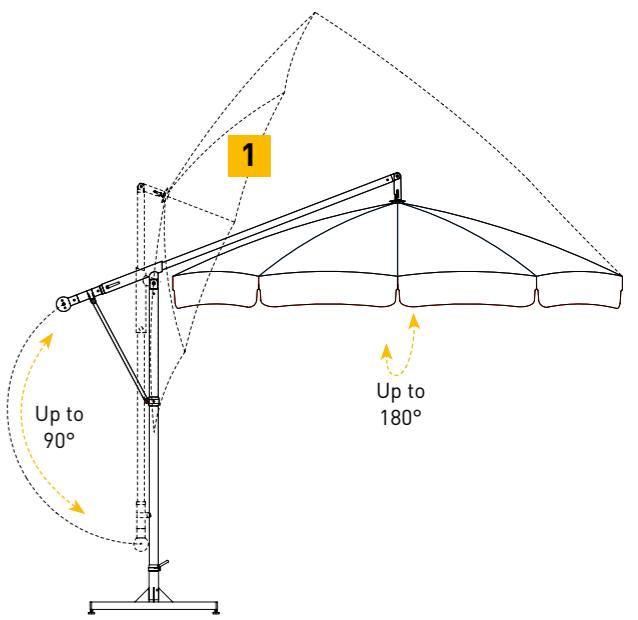
N The heights specified are for parasols with MayTex-Acryl covering fabric that are mounted in an anchor tube (DMZ118, DMZ146, DMZ150). The increase in height for parasols with other installation bases can be seen in the list below:

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



Adjustable to suit your individual needs

1 No matter where the sun is, the parasol canopy can be tilted at any angle for shade and protection, then locked.



MEZZO MH – with height adjustment

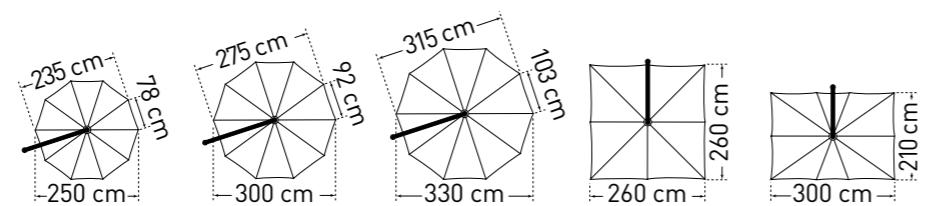
More functions – more benefits! Our model MEZZO MH not only has the standard functions of MEZZO MG, it also offers the possibility of effortless height adjustment. Thanks to a pneumatic spring incorporated in the support pole, the physical strength needed to raise or lower the parasol is effectively reduced to a minimum.

Optimal adjustability
The canopy can be rotated around all three axes:
360° around the support pole
180° around the cross arm
90° around the joint axis

Such unique freedom of movement makes it possible for the user to adjust the parasol to the changing position of the sun or to use it as a protective screen.

Ergonomic handling

Double clamp for height adjustment

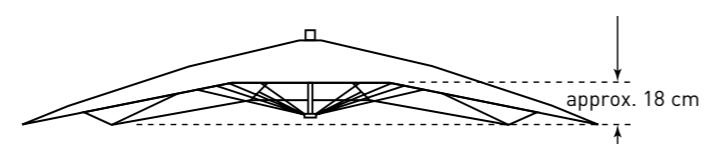


MEZZO model MH	Ø 2.5 m	Ø 3.0 m	Ø 3.3 m ¹⁾	2.6 x 2.6 m	2.1 x 3.0 m ²⁾
Segments	10	10	10	8	10
Area m ²	5	7	8.5	6.75	6.25
A without / with valance cm	188/222	176/210	163/198	182/217	156/191
B without / with valance cm	235/270	238/273	235/270	241/276	235/270
C without / with valance cm	322/357	335/370	373/408	345/380	323/358
D without / with valance cm	110/145	85/120	80/115	102/137	125/160
E cm	160	160	166	160	160
F cm	285	300	328	282	272
G cm	55	55	55	55	55
H cm	90	90	90	90	90
I without / with valance cm	165/200	165/200	165/200	165/200	165/200
K without / with valance cm	241/276	241/276	250/285	241/276	241/276
L without / with valance cm	11/46	11/46	11/46	11/46	11/46
M without / with valance cm	82/117	75/110	65/100	42/77	45/80
P without / with valance cm	67/102	60/95	40/75	23/58	27/62
Weight without packaging kg	18	19	20	18	18
Q Support pole diameter mm	outer-Ø 55, pole thickness 3				
Packaging	rectangular cardboard box: l= 270 cm, b= 37 cm, h= 15 cm, approx. 3 kg				
Installation base length/width/min. depth cm	50/50/60				
Minimum ballast incl. full frame pedestal DMZ411	1 layer of concrete slabs XZ40 = approx. 95 kg				

¹⁾ Additional pedestal weight may be required for windy locations (upwind, sloping sites and so on). Do not use granite base. Pedestals require 2 sets of concrete slabs.

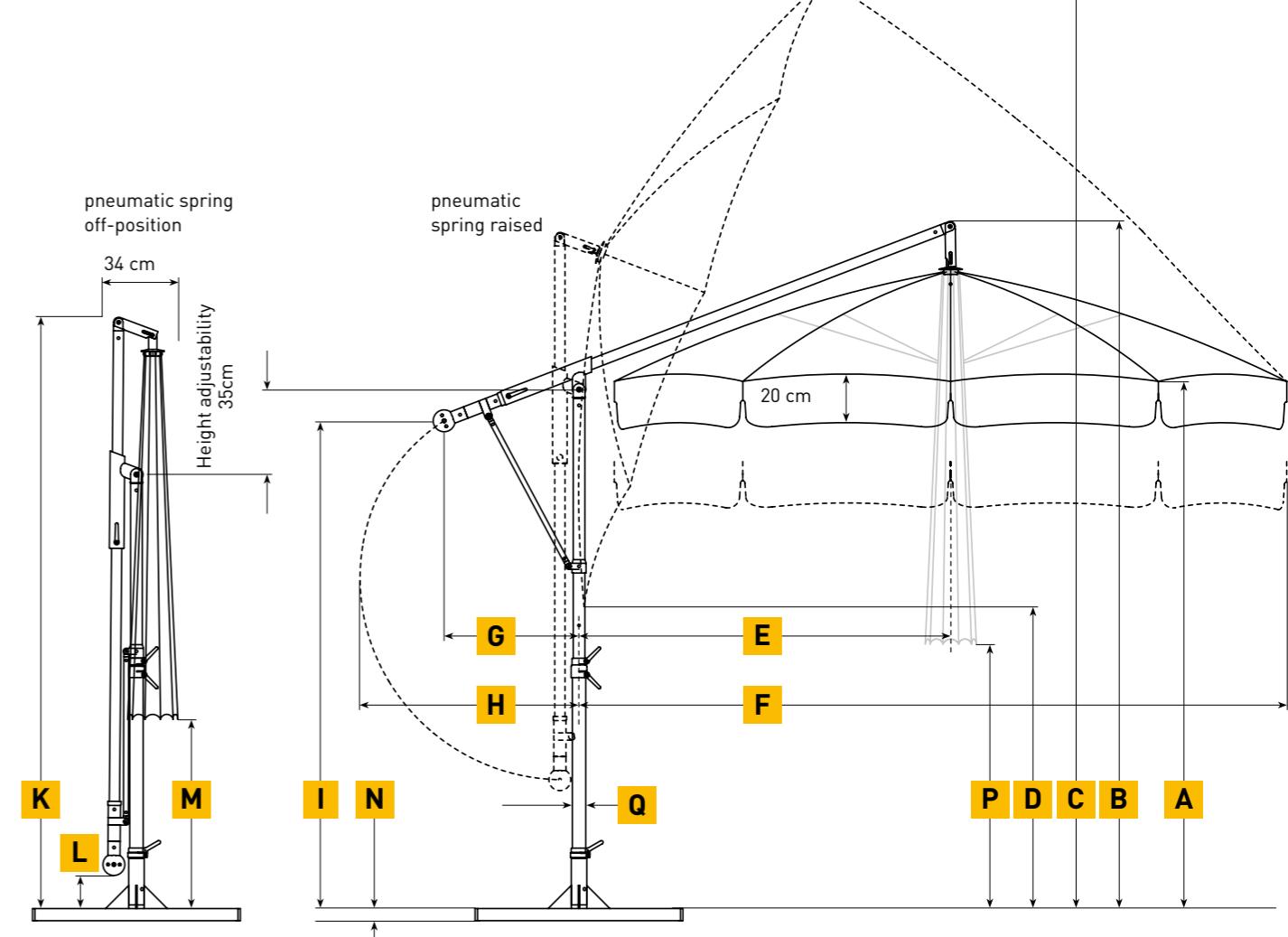
²⁾ The canopy is vaulted, so that the corner spokes are approx. 9 – 18 cm lower than the centre spokes. (cf. sketch)

All measurements are to be understood as approximate.



N 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:

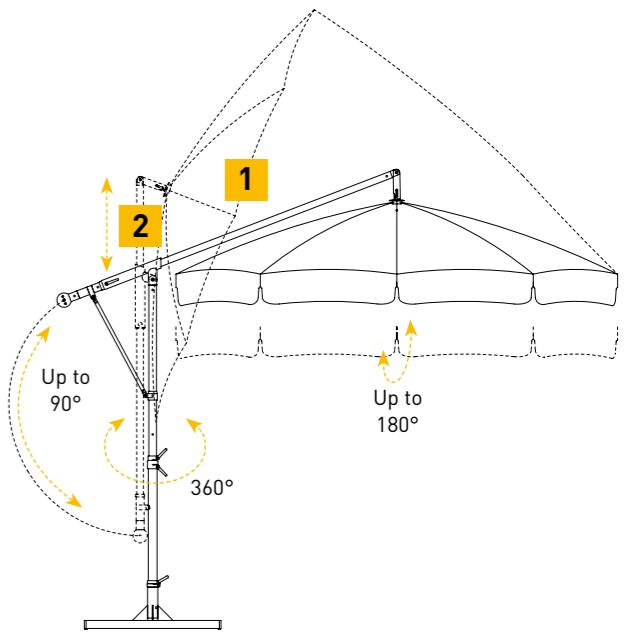
Cross pedestal: DMZ110 + 6 cm
 Full frame pedestal: DMZ411 + 9 cm
 Full frame pedestal: DMZ412 + 12 cm
 Full frame pedestal: DMZ414 + 16 cm
 Full frame pedestal: DMZ420 + 19 cm
 Granite base: DMZ141 + 10 cm
 Wheeled pedestal: DMZ282 + 14/15 cm
 Anchor plate: DMZ261 + 4 cm



Adjustable to suit your individual needs

1 No matter where the sun is, the parasol canopy can be tilted at any angle for shade and protection, then locked.

2 Effortless height adjustment thanks to standard incorporation of a pneumatic spring in the support pole (MH).



MEZZO – Accessories and Bases

Additional protective sleeve

grey tarp material, with aluminium rod for easy handling and zipper.
Please state parasol size.

art. no. **MA130**



MA130

MEZZO – mobile installation options

Cross pedestal

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

art. no. **DMZ110**

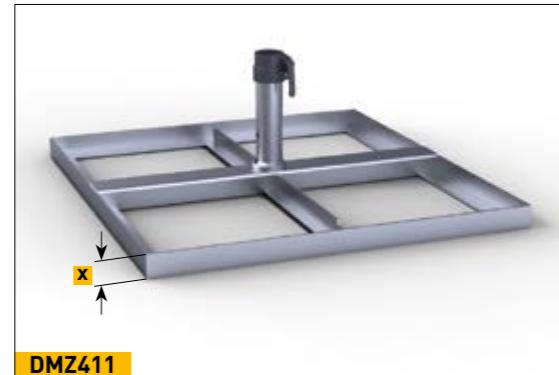


DMZ110

Full frame pedestal

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

art. no. **DMZ411**



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, weight approx. 24 kg, galvanized.
For 1 set of standard concrete slabs 40 x 40 x 5 cm.

art. no. **DMZ412**



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**



DMZ414

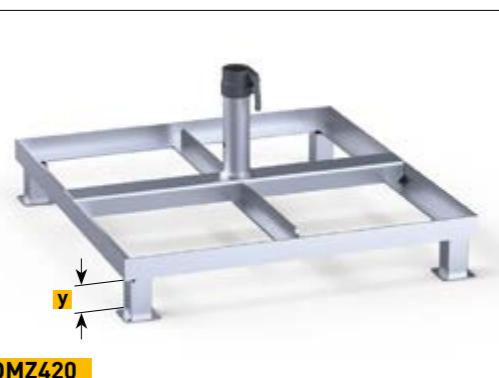
MEZZO – mobile installation options

* NEW!

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**



DMZ420

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**

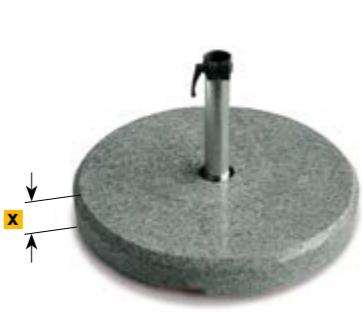


XZ40

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**



DMZ141

Wheeled pedestal

incl. weights, rubber rollers,
stainless steel locking rod. Colour anthracite,
75 x 75 cm, weight approx. 100 kg.

anthracite

art. no. **DMZ282**



DMZ282

Wheeled pedestal

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

graphite

art. no. **DMZ283**



DMZ283

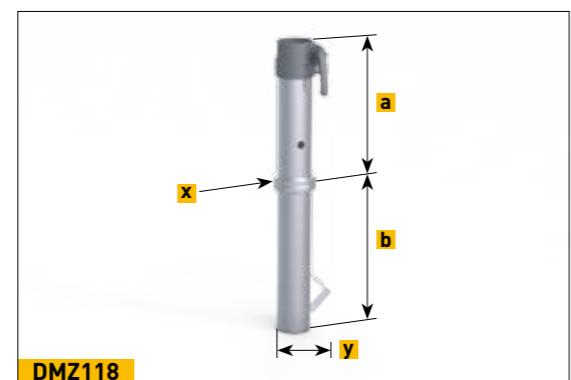
MEZZO – mobile installation options

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. For 1 set of standard concrete slabs 40 x 40 x 5 cm.

Custom-made (not available on stock).

art. no. **DMZ208**



art. no. **DMZ118**



MEZZO – 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 = 25 cm, b = 29 cm, x = Ø 8 cm, y = 15 cm.

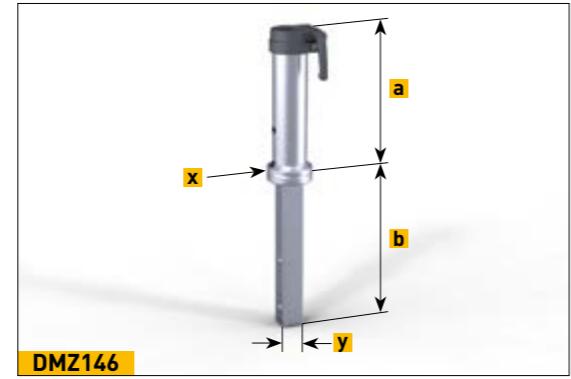
art. no. **DMZ118**



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 concrete in order to fix the lower part of the anchor tube. The existing foundation must be adequate in size for the designated parasol. Galvanized, weight approx. 3 kg, lower tube square, incl. top plate for winter protection,
a = 25 cm, b = 28.5 cm, x = Ø 8 cm, y = □ 5 cm

art. no. **DMZ146**

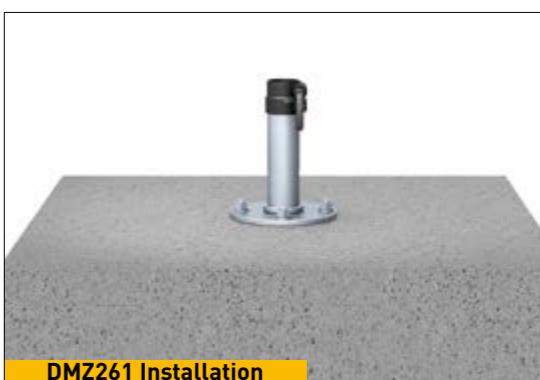


MEZZO – stationary installation options

Dowel-anchored plate

galvanized, weight approx. 5 kg, a = 27.5 cm, x = Ø 21.5 cm, t = 1.2 cm, z = Ø 1.65 cm.

art. no. **DMZ261**



art. no. **DMZ125**

20084 in combination
with DMZ125



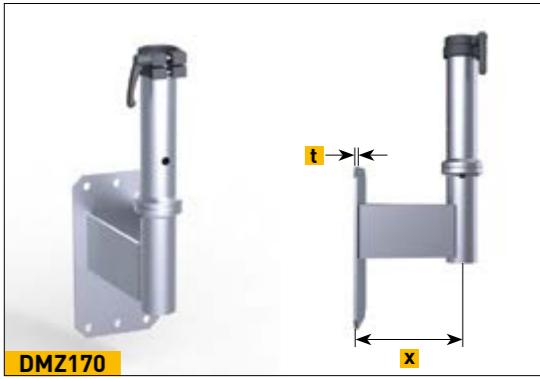
art. no. **200084**

* NEW!

Wall pressure plate for DMZ125

galvanized; to be clamped onto the existing bars (only possible if these are very strong), bore holes for M12 stud bolts (not included in the delivery)

art. no. **200084**



art. no. **DMZ170**

Wall bracket

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

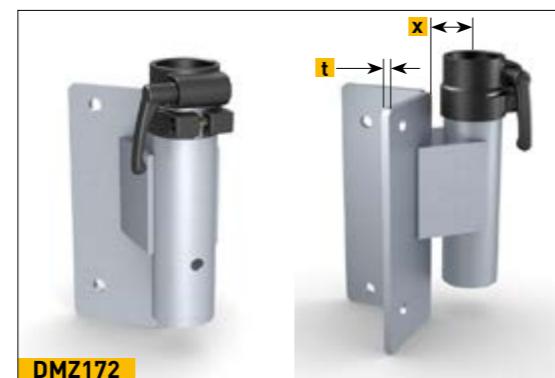
MEZZO – stationary installation options

* NEW!

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.

Custom-made (not available on stock).

art. no. **DMZ129**



DMZ129 Installation



DMZ129 Installation

* NEW!

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.

Custom-made (not available on stock).

art. no. **DMZ186**



DMZ186 Installation



DMZ186 Installation

MEZZO – stationary installation options

Anchor bolt

bolt and nut, fits for DMZ261, DMZ125, DMZ170, DMZ172, DMZ129 and DMZ186; 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-05/0069.

art. no. **200900**



Screw-in ground anchor

ground screw with upper anchor tube, incl. standard parts, parts unscrewed on delivery, steel, galvanized acc. DIN EN ISO 1461, weight approx. 27 kg; delivered in two ready-to-assemble parts. For further information cf. page 141.

art. no. **DMZ330**



Theft pin

padlock and pin, in stainless steel, for support pole Ø 55 mm. suitable for retrofitting.

art. no. **200194**





Our versatile designer side-post parasol

- maximum flexibility
- elegant design
- high-grade steel and aluminium
- product video at www.may-online.com

MAY – shade systems
Made in Germany





DG, Dacapo standard version



DK, Dacapo with crank



Ball joint



Straight valance



DACAPO DG – standard model and DACAPO DK – with crank for cross arm regulation

With the help of a ball-joint mechanism the DACAPO canopy can be tilted to any required angle – depending on the position of the sun – and then locked. The standard incorporation of a pneumatic spring in the parasol mast enables easy height (vertical) adjustment. If requested, parasols can also be supplied with a crank for horizontal operation of the cross arm. In that case order DACAPO DK.

Complete freedom of movement

The position of the mast of DACAPO side-post parasols allows completely unencumbered movement in shaded areas. Consequently, you will be able to make full use of your garden, balcony or patio space.

High-quality framework materials

The poles of our parasols are all made of high-quality alloyed, extruded aluminium profiles. Frame surfaces are anodized, highly impact-proof, and available in the colour EV1 anodized silver-grey. The spokes are of spring steel and powder-coated, available in silver RAL 9006.

Ultra-quick opening and closing

A technical tour de force. DACAPO can be opened in next to no time and closed again just as quickly. No need to dismantle anything. When closed and folded together, the space-saving parasol can easily be stored away. An advantage that no other side-post parasol can beat.

Maximum movability of the canopy

The canopy of the parasol can be tilted at any angle, depending on the position of the sun. E.g. set at an angle of 90°, it can protect you from the low rays of the sun or serve as a screen for privacy.

Canopy covering fabric

For fabrics and colours cf. Page 134 onwards.

Valance options

- without valance
- straight valance

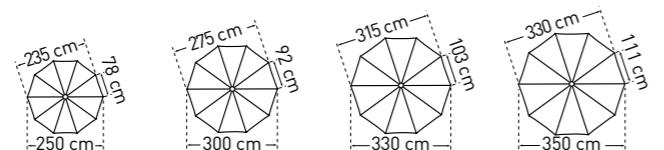
Installation options

- mobile
 - stationary
- cf. Page 36 onward.

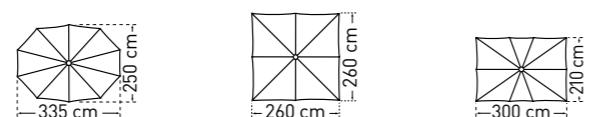
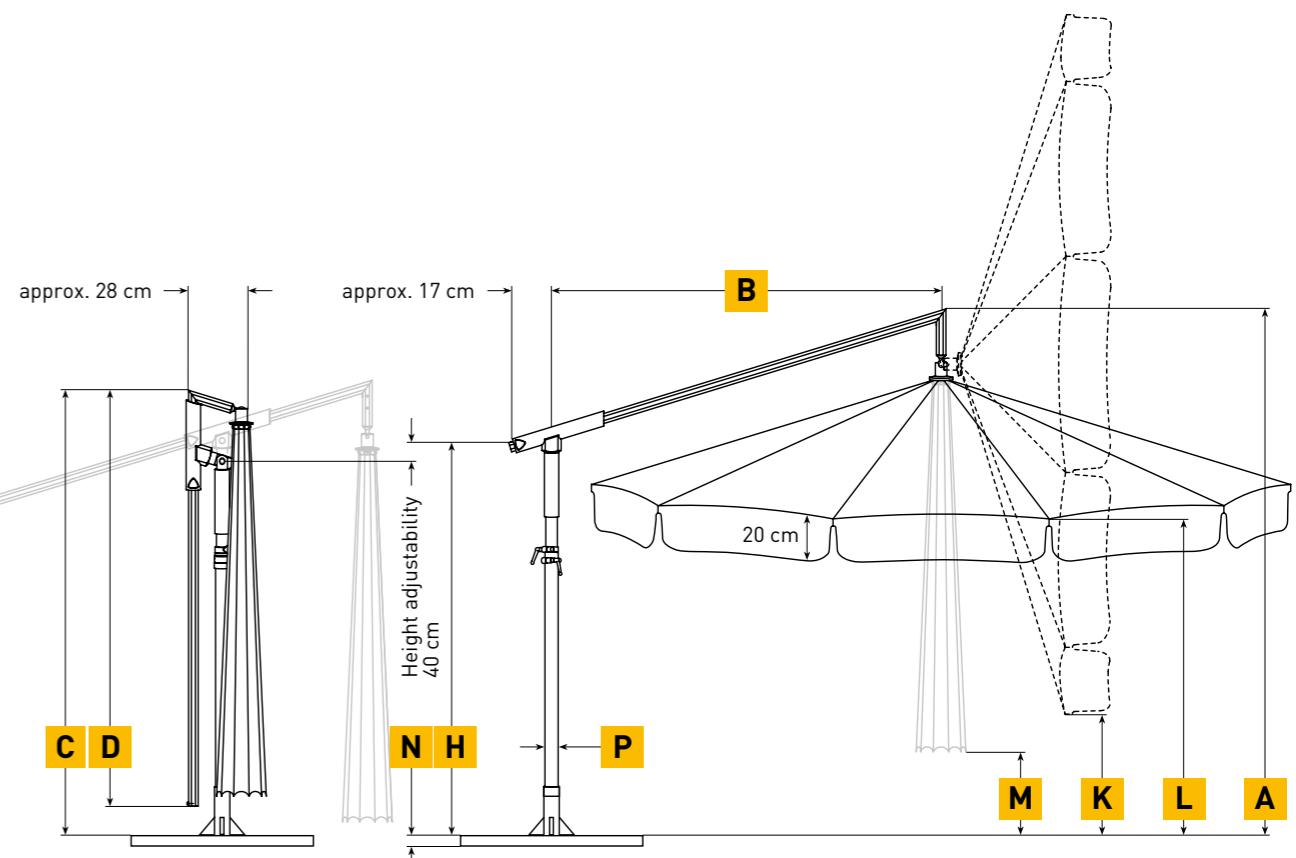
When not in use

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





DACAPO standard model DG	Ø 2.5 m	Ø 3.0 m	Ø 3.3 m ³⁾	Ø 3.5 m ²⁾³⁾
Segments	10	10	10	10
Area	m ²	4.9	7.1	8.5
A	min./max. cm	250 / 290	250 / 290	250 / 290
B	cm	160	160	180
C	min./max. cm	222 / 262	222 / 262	222 / 262
D	cm	185	185	205
H	min./max. cm	195 / 235	195 / 235	195 / 235
K ¹⁾	min./max. cm	100 / 140	80 / 120	60 / 100
L ¹⁾	min./max. cm	180 / 220	170 / 210	170 / 210
M ¹⁾	min./max. cm	69 / 109	69 / 109	50 / 90
Weight without packaging	kg	18	19	19
P	Support pole diameter mm	outer-Ø 55, pole thickness 3		
Packaging	rectangular cardboard box: l= 235 cm, b= 37 cm, h= 15 cm, approx. 3 kg			
Installation base length/width/min. depth	cm	50/50/60		
Minimum ballast incl. full frame pedestal DMZ411	1 layer of concrete slabs XZ40 = approx. 95 kg		2 layers of concrete slabs	



DACAPO standard model DG	2.5 x 3.35 m ¹⁾⁴⁾	2.6 x 2.6 m	2.1 x 3.0 m ⁴⁾
Segments	10	8	10
Area	m ²	6.8	6.8
A	min./max. cm	250 / 290	255 / 294
B	cm	180	180
C	min./max. cm	222 / 262	223 / 263
D	cm	205	207
H	min./max. cm	195 / 235	195 / 235
K ¹⁾	min./max. cm	100 / 140	102 / 140
L ¹⁾	min./max. cm	171 / 211	192 / 231
M ¹⁾	min./max. cm	42 / 82	42 / 81
Weight without packaging	kg	20	20
P	Support pole diameter mm	outer-Ø 55, pole thickness 3	
Packaging	rectangular cardboard box: l= 235 cm, b= 37 cm, h= 15 cm, approx. 3 kg		
Installation base length/width/min. depth	cm	50/50/60	
Minimum ballast incl. full frame pedestal DMZ411	1 layer of concrete slabs XZ40 = approx. 95 kg		

¹⁾Sizes without valance: with valance less 20 cm.

²⁾Ø 3.5m: in MayTex-Poly only.

³⁾Additional pedestal weight may be required for windy locations (upwind, sloping sites and so on). Do not use granite base. Pedestals require 2 sets of concrete slabs.

⁴⁾The canopy is vaulted, so that the corner spokes are approx. 9-18 cm lower than the centre spokes. (cf. sketch).

N 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:

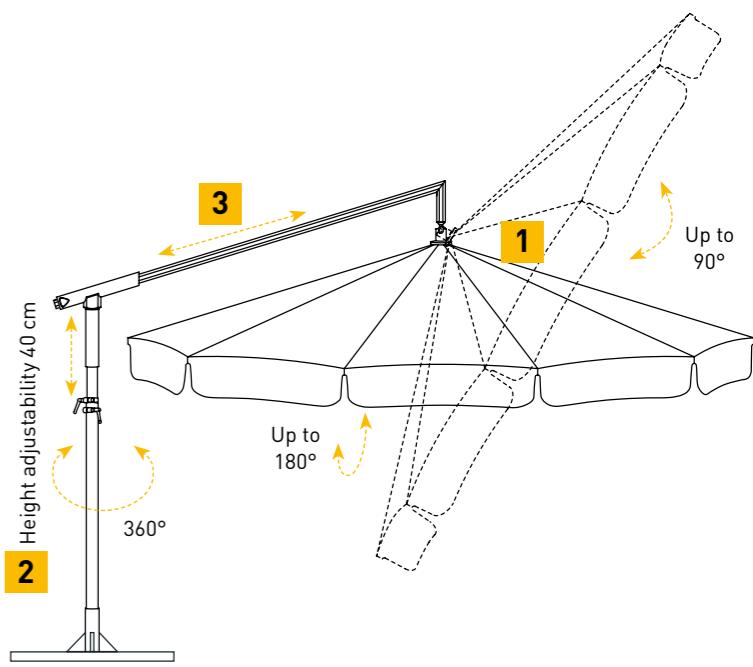
Cross pedestal:	DMZ110 + 6 cm
Full frame pedestal:	DMZ411 + 9 cm
Full frame pedestal:	DMZ412 + 12 cm
Full frame pedestal:	DMZ414 + 16 cm
Full frame pedestal:	DMZ420 + 19 cm
Granite base:	DMZ141 + 10 cm
Wheeled pedestal	DMZ282 + 14/15 cm
Anchor plate:	DMZ261 + 4 cm

Adjustable to suit your individual needs

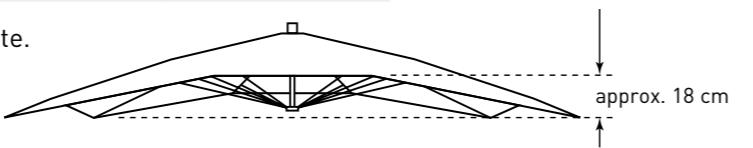
1 No matter where the sun is, the parasol canopy can be tilted at any angle for shade and protection, then locked. (DG and DK).

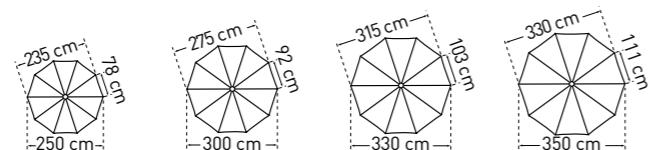
2 Effortless height adjustment thanks to standard incorporation of a pneumatic spring in the support pole (DG and DK).

3 The cross arm can easily be adjusted (DG).

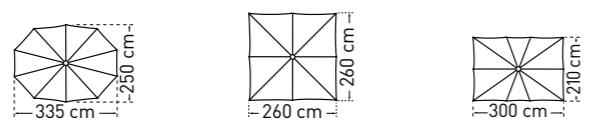
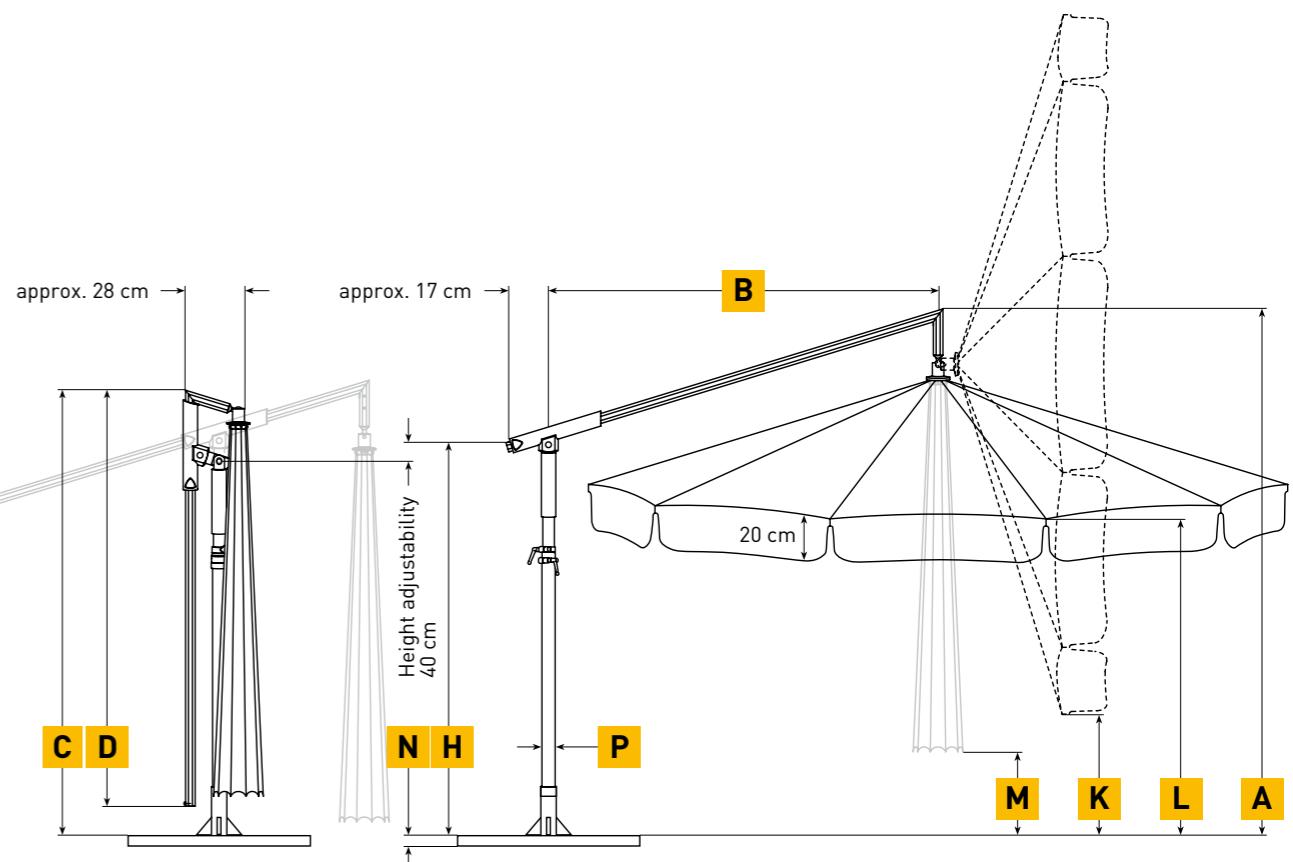


All measurements are to be understood as approximate.





DACAPO with crank DK		Ø 2.5 m	Ø 3.0 m	Ø 3.3 m ³⁾	Ø 3.5 m ^{2 3)}
Segments		10	10	10	10
Area	m ²	4.9	7.1	8.5	9.6
A	min./max. cm	240 / 280	240 / 280	245 / 285	245 / 285
B	cm	160	160	180	180
C	min./max. cm	212 / 252	212 / 252	210 / 250	210 / 250
D	cm	185	185	205	205
H	min./max. cm	185 / 225	185 / 225	185 / 225	185 / 225
K ¹⁾	min./max. cm	90 / 130	68 / 108	46 / 101	33 / 73
L ¹⁾	min./max. cm	170 / 210	160 / 200	164 / 204	160 / 200
M ¹⁾	min./max. cm	59 / 99	50 / 99	40 / 80	30 / 70
Weight without packaging	kg	18	19	19	20
P	Support pole diameter mm	outer-Ø 55, pole thickness 3			
Packaging		rectangular cardboard box: l= 235 cm, b= 37 cm, h= 15 cm, approx. 3 kg			
Installation base length/width/min. depth	cm	50/50/60			
Minimum ballast incl. full frame pedestal DMZ411		1 layer of concrete slabs XZ40 = approx. 95 kg		2 layers of concrete slabs	



DACAPO with crank DK		2.5 x 3.35 m ^{1 4)}	2.6 x 2.6 m	2.1 x 3.0 m ⁴⁾	
Segments		10	8	10	
Area	m ²	6.8	6.8	6.3	
A	min./max. cm	245 / 285	245 / 284	245 / 280	
B	cm	180	180	180	
C	min./max. cm	210 / 250	213 / 253	210 / 250	
D	cm	205	207	205	
H	min./max. cm	185 / 225	185 / 225	185 / 225	
K ¹⁾	min./max. cm	90 / 130	92 / 130	107 / 147	
L ¹⁾	min./max. cm	160 / 200	182 / 221	180 / 220	
M ¹⁾	min./max. cm	32 / 72	32 / 71	30 / 70	
Weight without packaging	kg	20	20	20	
P	Support pole diameter mm	outer-Ø 55, pole thickness 3			
Packaging		rectangular cardboard box: l= 235 cm, b= 37 cm, h= 15 cm, approx. 3 kg			
Installation base length/width/min. depth	cm	50/50/60			
Minimum ballast incl. full frame pedestal DMZ411		1 layer of concrete slabs XZ40 = approx. 95 kg			

¹⁾Sizes without valance: with valance less 20 cm.

²⁾Ø 3.5m: in MayTex-Poly only.

³⁾Additional pedestal weight may be required for windy locations (upwind, sloping sites and so on). Do not use granite base. Pedestals require 2 sets of concrete slabs.

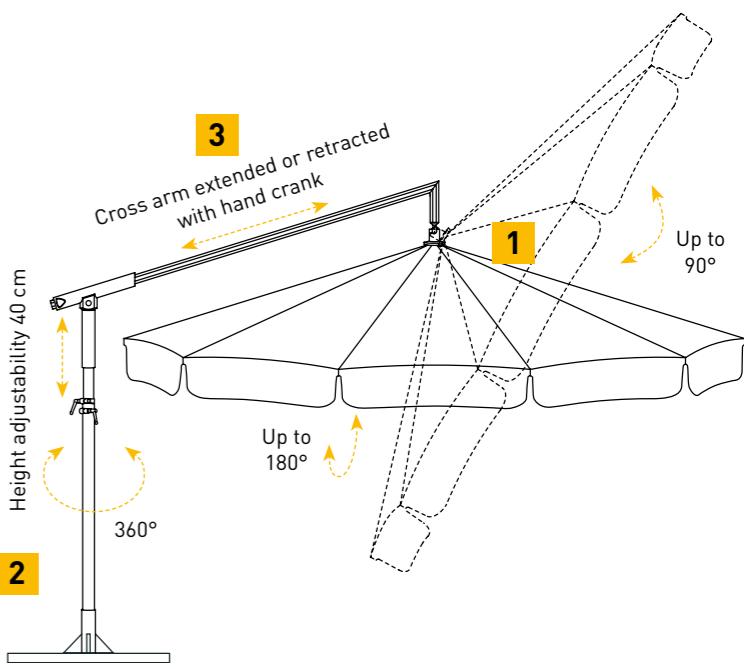
⁴⁾The canopy is vaulted, so that the corner spokes are approx. 9-18 cm lower than the centre spokes. (cf. sketch).

N 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:

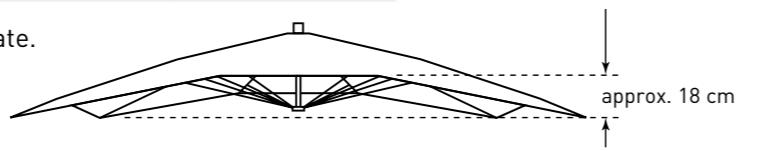
- Cross pedestal: DMZ110 + 6 cm
- Full frame pedestal: DMZ411 + 9 cm
- Full frame pedestal: DMZ412 + 12 cm
- Full frame pedestal: DMZ414 + 16 cm
- Full frame pedestal: DMZ420 + 19 cm
- Granite base: DMZ141 + 10 cm
- Wheeled pedestal DMZ282 + 14/15 cm
- Anchor plate: DMZ261 + 4 cm

Adjustable to suit your individual needs

- 1** No matter where the sun is, the parasol canopy can be tilted at any angle for shade and protection, then locked. (DG and DK).
- 2** Effortless height adjustment thanks to standard incorporation of a pneumatic spring in the support pole (DG and DK).
- 3** On special request, additional crank for easy horizontal adjustment (DK).



All measurements are to be understood as approximate.



DACAPO – Accessories and Bases

Additional protective sleeve

grey tarp material, with aluminium rod for easy handling and zipper.
Please state parasol size.

art. no. **MA130**



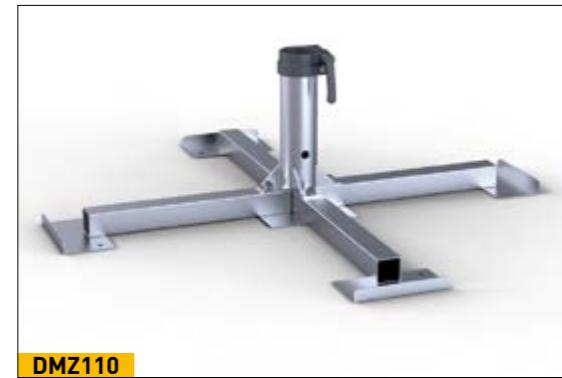
DA130

DACAPO – mobile installation options

Cross pedestal

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

art. no. **DMZ110**

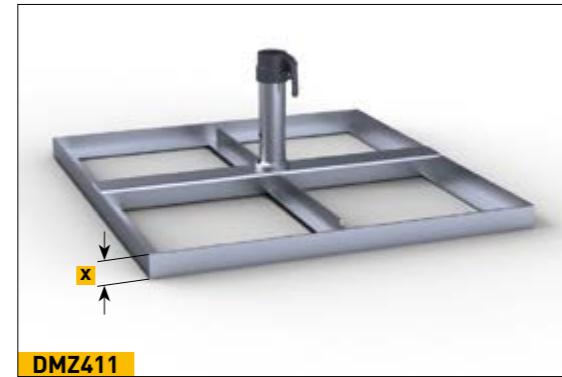


DMZ110

Full frame pedestal

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

art. no. **DMZ411**



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, weight approx. 24 kg, galvanized.
For 1 set of standard concrete slabs 40 x 40 x 5 cm.

art. no. **DMZ412**



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**



DMZ414

DACAPO – mobile installation options

* NEW!

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**



DMZ420

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**



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**



DMZ141

Wheeled pedestal

incl. weights, rubber rollers,
stainless steel locking rod. Colour anthracite,
75 x 75 cm, weight approx. 100 kg.



art. no. **DMZ282**



DMZ282

Wheeled pedestal

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



art. no. **DMZ283**



DMZ283

DACAPO – mobile installation options

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. For 1 set of standard concrete slabs 40 x 40 x 5 cm.

Custom-made (not available on stock).

art. no. **DMZ208**



DMZ208



DMZ208 Installation



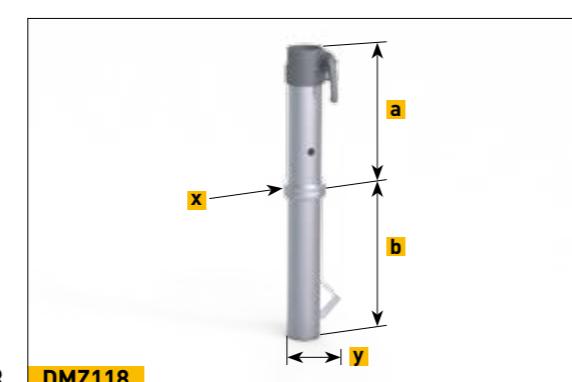
DMZ208 Installation

DACAPO – 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.
 $a = 25 \text{ cm}$, $b = 29 \text{ cm}$, $x = \emptyset 8 \text{ cm}$, $y = 15 \text{ cm}$.

art. no. **DMZ118**



DMZ118



DMZ118 Installation

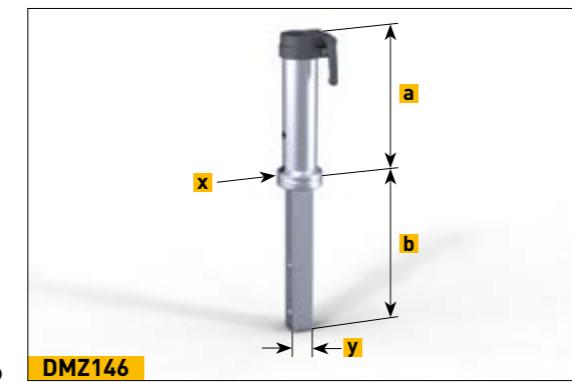


DMZ118 Installation

Anchor tube to be embedded in concrete

for an existing foundation with a bore hole of min. $\emptyset 71 \text{ mm}$, 2 pieces, screw-off upper part. The bore hole is filled with concrete in order to fix the lower part of the anchor tube. The existing foundation must be adequate in size for the designated parasol. Galvanized, weight approx. 3 kg, lower tube square, incl. top plate for winter protection,
 $a = 25 \text{ cm}$, $b = 28.5 \text{ cm}$, $x = \emptyset 8 \text{ cm}$, $y = \square 5 \text{ cm}$

art. no. **DMZ146**



DMZ146

DACAPO – stationary installation options

Dowel-anchored plate

galvanized, weight approx. 5 kg, $a = 27.5 \text{ cm}$, $x = \emptyset 21.5 \text{ cm}$, $t = 1.2 \text{ cm}$, $z = \emptyset 1.65 \text{ cm}$.

art. no. **DMZ261**



DMZ261

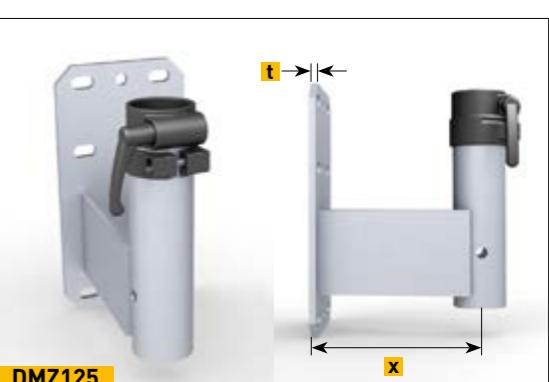


DMZ261 Installation

Wall bracket

galvanized, weight approx. 5.5 kg, wall plate $30 \times 16 \text{ cm}$, $x = 20 \text{ cm}$, $t = 0.8 \text{ cm}$. Bottom of support pole rests on bottom end of anchor tube.

art. no. **DMZ125**



DMZ125

20084 in combination
with DMZ125



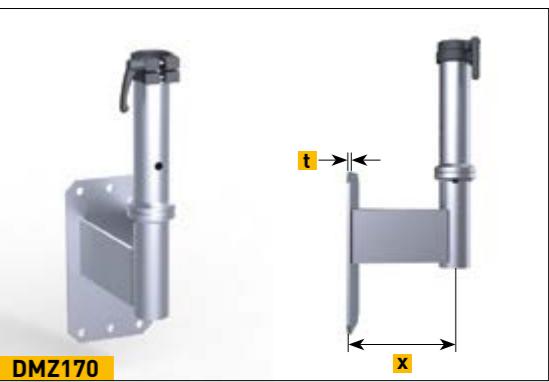
20084

* NEW!

Wall pressure plate for DMZ125

galvanized; to be clamped onto the existing bars (only possible if these are very strong), bore holes for M12 stud bolts (not included in the delivery)

art. no. **200084**



DMZ170

Wall bracket

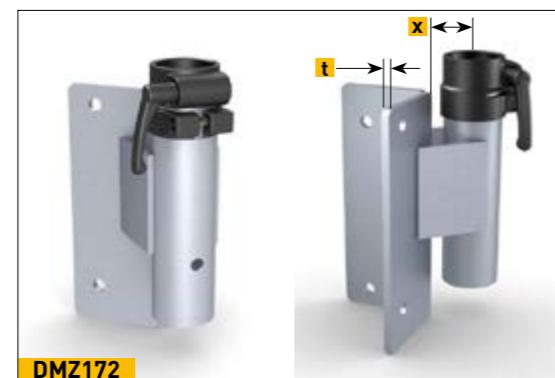
galvanized, weight approx. 6.5 kg, wall plate $30 \times 16 \text{ cm}$, $x = 20 \text{ cm}$, $t = 0.8 \text{ cm}$.

art. no. **DMZ170**

DACAPO – stationary installation options

*** NEW!**
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.
 Custom-made (not available on stock).

art. no. **DMZ129**



DMZ129 Installation



DMZ129 Installation

*** NEW!**
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.
 Custom-made (not available on stock).

art. no. **DMZ186**



DMZ186 Installation



DMZ186 Installation

DACAPO – stationary installation options

Anchor bolt

bolt and nut, fits for DMZ261, DMZ125, DMZ170, DMZ172, DMZ129 and DMZ186; 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-05/0069.

art. no. **200900**



200900

Screw-in ground anchor

ground screw with upper anchor tube, incl. standard parts, parts unscrewed on delivery, steel, galvanized acc. DIN EN ISO 1461, weight approx. 27 kg; delivered in two ready-to-assemble parts. For further information cf. page 141.

art. no. **DMZ330**



DMZ330

Theft pin

padlock and pin, in stainless steel, for support pole Ø 55 mm. suitable for retrofitting.

art. no. **200194**



200194

RIALTO stands for 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.



Our upmarket
side-post parasol
up to Ø 4 m

- exclusive and graceful
- designer shade grouping
- optional pivot system

MAY – shade systems
Made in Germany





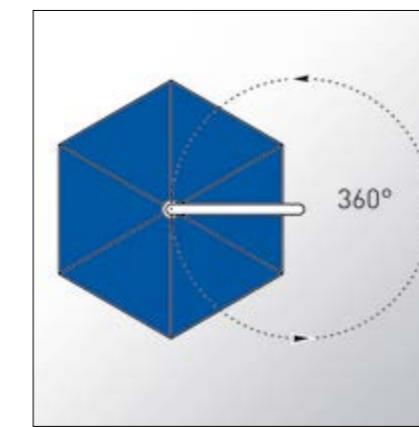
Operation



Canopy covering



Frame (single shade / triple shade)



360° rotation

RIALTO RG – standard model

RIALTO RP – canopy with pivot system

Operating the parasol

with removable stainless steel crank.

High-quality framework materials

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
25 x 15 x 2 mm

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.

Canopy covering fabric

Due to a special self-tensioning telescopic spring system, the awning 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 awning colours see Page 94 onward.

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

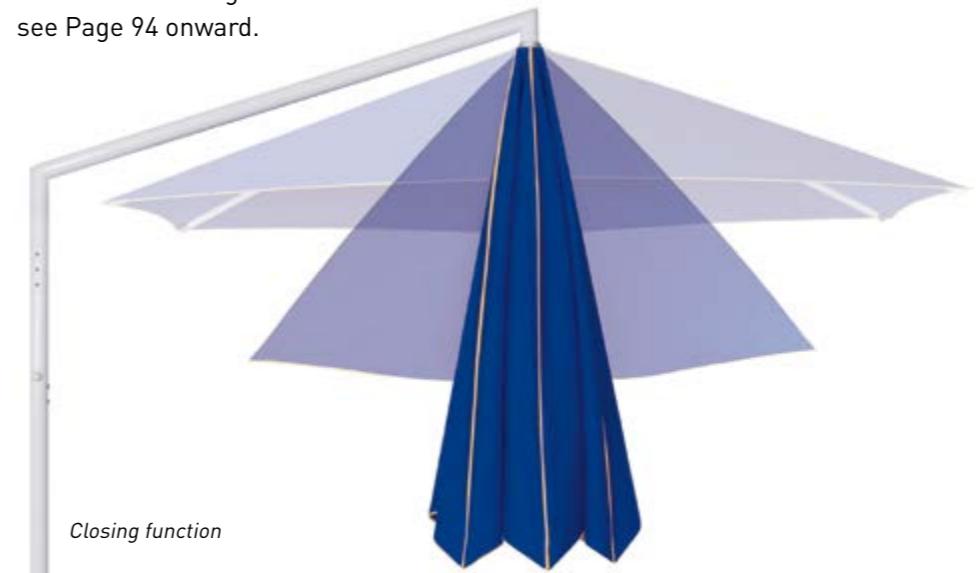
Specially designed for large-area outdoor catering. The sturdy Rialto mast can hold up to 4 elegantly grouped shades. A real eye-catcher for the patio with a difference!

Installation options

- mobile
 - stationary
- cf. Page 48 onward.

When not in use

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



Closing function



Crank to fix the tilted canopy



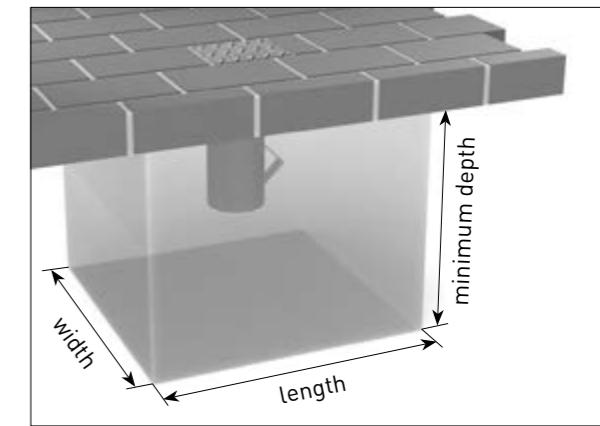
Pivot system



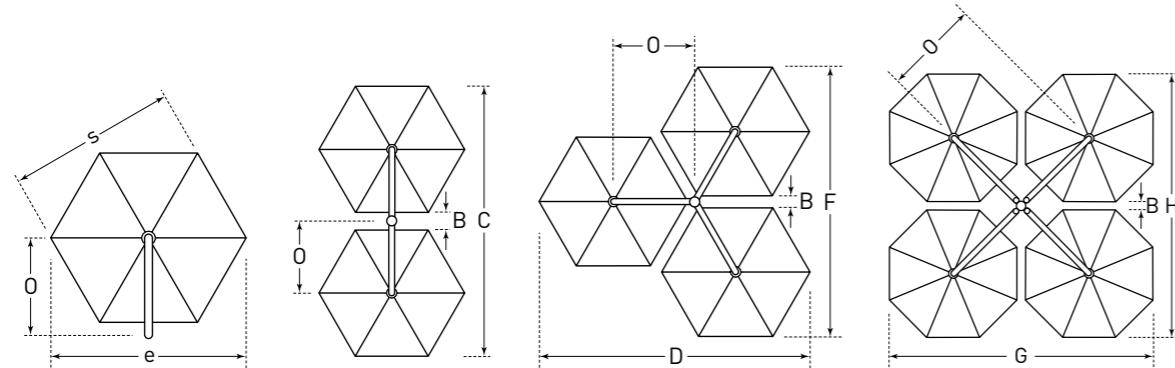
Flexible tilt function (max. 30°)



Wall mount for strain relief

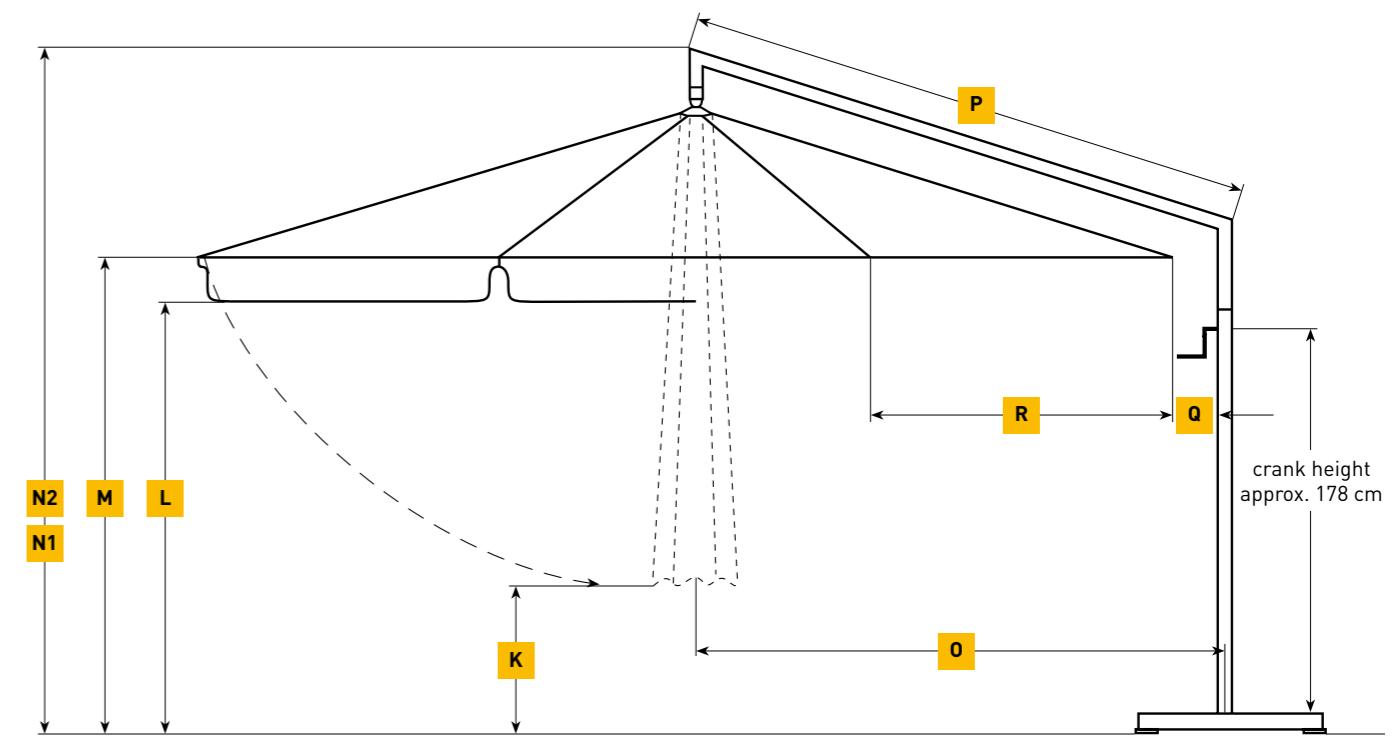


3D view of installation base with top plate for winter protection. Base must be frost-proof and enlarged if the ground is unstable.



Single with 6 segments			Double with 6 segments			Triple with 6 segments			Quad with 8 segments				
e	m	Ø 3.0	Ø 3.5	Ø 4.0	Ø 3.0	Ø 3.5	Ø 4.0	Ø 3.0	Ø 3.5	Ø 4.0	Ø 3.0	Ø 3.5	Ø 4.0
s	cm	260	300	345	260	300	345	260	300	345	275	325	360
B	cm	-	-	-	90	53	45	50	40	40	40	25	20
C	cm	-	-	-	610	660	740	-	-	-	-	-	-
D=F	cm	-	-	-	-	-	-	570	650	740	-	-	-
G=H	cm	-	-	-	-	-	-	-	-	-	600	675	760
O	cm	170	190	220	175	190	220	175	190	220	220	240	270
P	cm	185	206	235	185	206	235	185	206	235	235	260	290
Q	cm	20	15	20	15	15	20	15	15	20	70	65	70
R	cm	155	180	205	155	180	205	155	180	205	120	135	155
Weight*		27 kg	29 kg	31 kg	49 kg	54 kg	58 kg	60 kg	66 kg	72 kg	86 kg	94 kg	102 kg
Support Pole		outer Ø 76 mm, pole thickness 3 mm											

*without packaging



Intermediate and special sizes on request. All measurements are to be understood as approximate.

RIALTO – Accessories and Bases

Special frame paint finish

Please state RAL number.

Additional protective sleeve

grey tarp material, with zipper. Please state parasol size.

art. no. **RA130**



RA130

RIALTO – mobile installation options

Full frame pedestal without slabs

frame size 103 x 103 cm, total height 29 cm, height of frame x = 5 cm, weight approx. 27 kg, galvanized. For 2 sets of standard concrete slabs 50 x 50 x 5 cm.

art. no. **RZ111**



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.

art. no. **RZ112**



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!

art. no. **RZ114**



RZ114

Concrete slabs

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

art. no. **XZ50**



XZ50

RIALTO – stationary installation options

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 cm, b = 29 cm, x = Ø 17 cm, y = 16 cm.

art. no. **RZ118**



RZ118



RZ118 Installation

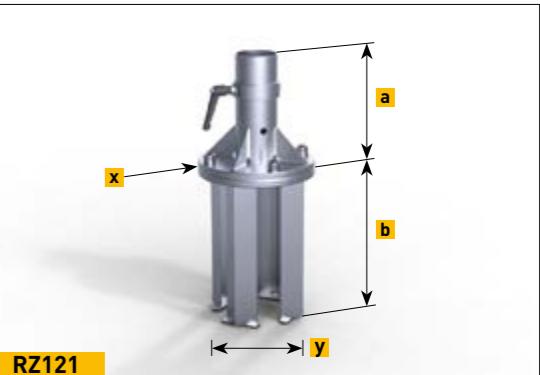


RZ118 Installation

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 cm, b = 32 cm, x = Ø 24 cm, y = 21 cm.

art. no. **RZ121**



RZ121



RZ121 Installation



RZ121 Installation

RIALTO – stationary installation options

Dowel-anchored plate

galvanized, weight approx. 23 kg.

$a = 25 \text{ cm}$, $x = 50 \text{ cm}$, $t = 1.2 \text{ cm}$, $z = \emptyset 1.8 \text{ cm}$.

art. no. **RZ123**



art. no. **RZ125**



art. no. **RZ301**

Wall bracket

galvanized, weight approx. 5.5 kg, wall plate $30 \times 16 \text{ cm}$, $x = 7 \text{ cm}$, $t = 1 \text{ cm}$. 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.

Please note when mounting:

- Only use heavy-duty dowels
- only suitable for concrete walls or
- use through bolts.



Your Personalized Centre-Post Parasol

Parasol shapes

- round
- square
- rectangular
- triangular

Opening and closing mechanism

- parasol principle
- telescopic system
- rope pull
- crank

Type of support pole

Centre-post

- Type FILIUS
- Type SCHATTELLO
- Type ALBATROS

Frame colours

- pure white RAL 9010
- white aluminium RAL 9006
- nutria RAL 8019
- RAL special colours on request

Canopy covering fabric

- MayTex-Acryl 300 g/m²
- MayTex-Poly 200 g/m²

Awning and border colours

- 43 awning colours
- 30 binding tape colours

Valance options

- without valance
- straight valance
- DeLuxe valance

For us, YOU, our customer, are the measure of all things. No matter how individual your needs, our customized product range is sure to meet your requirements. Simply compose your very own centre-post parasol from a variety of options. Choose from the following series:

FILIUS, SCHATTELLO and ALBATROS.

Each parasol type comes with a large range of additional equipment and accessories.



The specific characteristic of FILIUS, the "Little Lightweight" among our range of parasols, is its lightness. It is precisely this feature that makes it extremely versatile and a fast-seller. Wherever FILIUS is put to use – for outdoor catering, in pedestrian zones, for market stands, for private, commercial or merely decorative purposes – it harmonizes well with its environment.



Small sizes but top-quality workmanship

- robust aluminium parasol
- easy handling
- with rope pull or crank drive
- frequent mounting and dismounting without problem

MAY – shade systems
Made in Germany





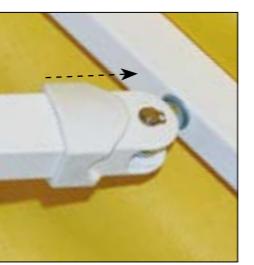
Rope pull



Crank drive



Frame colours



Frame joints



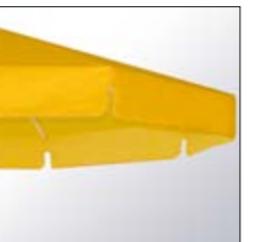
Top plate



Top plate



Canopy covering



Without valance



Bonnet



Closing function

Operating the parasol

FILIUS is available in two different versions:

- with rope pull (FS)
- with crank drive (FK)

High-quality framework materials

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, nutria RAL 8019, or white aluminium RAL 9006. Special colours available on request.

- 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

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.

Top plate

Elegant, graceful, highly practical.

Can be screwed off.
Colour to match frame.

Canopy covering fabric

Due to a special self-tensioning telescopic spring system the awning 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 awning colours see Page 134 onward.

Valance options

- without valance
- straight valance

Parasol bonnet

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

When not in use

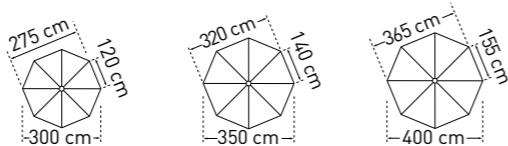
The protective cover provided can easily be slipped over the shade during bad weather periods.

Mounting

- Pull parasol from cardboard sleeve.
 - Remove all packaging material.
 - Place parasol mast in holding tube.
- That's all – ready for use in a jiffy!

Additional equipment

- Side sheets
- Rain gutter

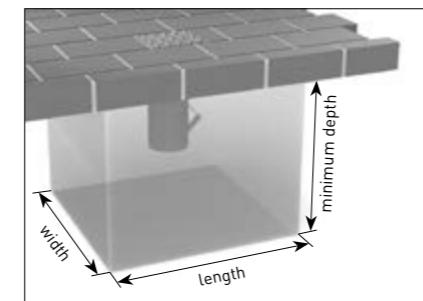


FILIUS	Ø 3.0 m	Ø 3.5 m	Ø 4.0 m
Segments	8	8	8
Area m ²	7	9	12
A Height closed, with valance cm	279	287	295
B Height closed, without valance cm	259	267	295
C Headroom with valance cm	200	200	200
D Headroom without valance cm	202	202	222
E Height of valance cm	28	28	28
F Ground clearance (with valance) from spoke edge cm	113	97	79
G Ground clearance (without valance) from spoke edge cm	93	77	79
H Crank height cm	92	92	92
Weight without packaging kg	12	15.5	17.5
Support pole diameter mm	outer-Ø 55, pole thickness 2.5		
Packaging cardboard sleeve: length 307 cm	Ø 25 cm, approx. 7.5 kg		
Installation base length/width/min. depth cm	50/50/60		
Minimum ballast incl. full frame pedestal DMZ411	1 layer of concrete slabs XZ40 = approx. 95 kg		

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:

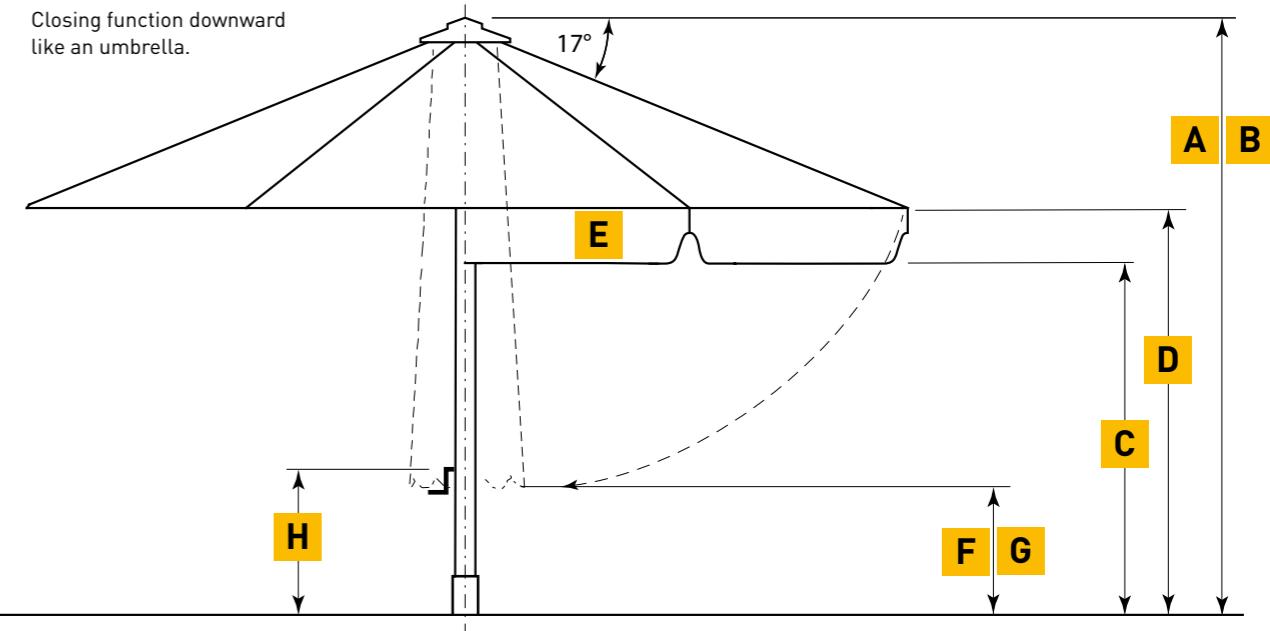
Cross pedestal: DMZ110 + 6 cm
 Full frame pedestal: DMZ411 + 9 cm
 Full frame pedestal: DMZ412 + 12 cm
 Full frame pedestal: DMZ414 + 16 cm
 Full frame pedestal: DMZ420 + 19 cm
 Granite base: DMZ141 + 10 cm
 Wheeled pedestal DMZ282 + 14/15 cm
 Anchor plate: DMZ261 + 4 cm
 Base plate: DMZ271 + 3 cm

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



Intermediate and special sizes on request.
 All measurements are to be understood as approximate.

1.5 x 1.5 m	2 x 2 m	2.5 x 2.5 m	3 x 3 m	3.5 x 3.5 m	2.25 x 3.05 m	3 x 4 m
4	8	8	8	8	8	8
2.25	4	6.25	9	12	7	12
A 259	274	280	289	295	279	290
B 259	254	260	269	275	259	270
C 200	200	200	200	200	208	208
D 220	202	202	202	202	210	210
E 23	23	28	28	28	28	28
F 148	120	94	63	32	80	30
G 148	100	74	43	12	60	10
H 70	92	92	92	92	92	92
15	15	18	15	16	15	16.5
outer-Ø 55, pole thickness 2.5						
Ø 25 cm, approx. 7.5 kg						
50/50/60						
1 layer of concrete slabs XZ40 = approx. 95 kg						





Rain gutter

grey tarp material, with aluminium rods for stabilization. Can only be used with "straight valance".

art. no. **XA141**



Glass-fibre reinforced plastic holder for side sheets and rain gutter

1 piece per spoke required

With 1 eyelet screw.

art. no. **FA141 01**

With 2 eyelet screws.

art. no. **FA141 02**

Additional protective sleeve

with integrated aluminium rod for easy handling and zipper,
grey tarp material. Please state parasol size.

art. no. **FA130**



Length extension of centre pole

State required additional length in cm (max. 50 cm).

Centre- pole shortening

Length on request, dependent on parasol size.

Special frame paint finish

Please state colour of powder-coating in RAL.

Canopy covering PVC-Era

approx. 380g/m².

Side sheets

Textile in MayTex-Poly, cf. Page 132 onward.



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**

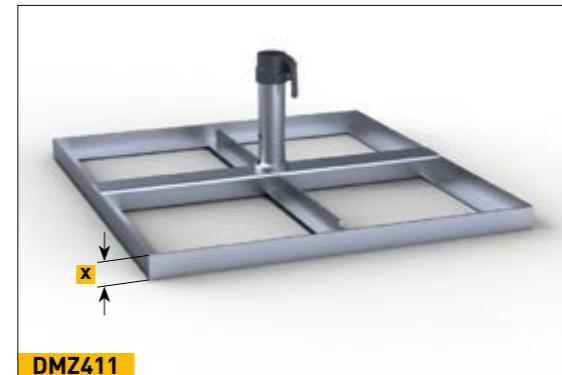


DMZ110

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**



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**



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**



DMZ414

* NEW!

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**



DMZ420

FILIUS – mobile installation options

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**



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**



DMZ141

Wheeled pedestal

incl. weights, rubber rollers, stainless steel locking rod. Colour anthracite, 75 x 75 cm, weight approx. 100 kg.

anthracite

art. no. **DMZ282**



DMZ282

Wheeled pedestal

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

graphite

art. no. **DMZ283**



DMZ283

* NEW!

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.

art. no. **DMZ271**



DMZ271

FILIUS – mobile installation options

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. For 1 set of standard concrete slabs 40 x 40 x 5 cm.

Custom-made (not available on stock).

art. no. **DMZ208**



DMZ208



DMZ208 Installation



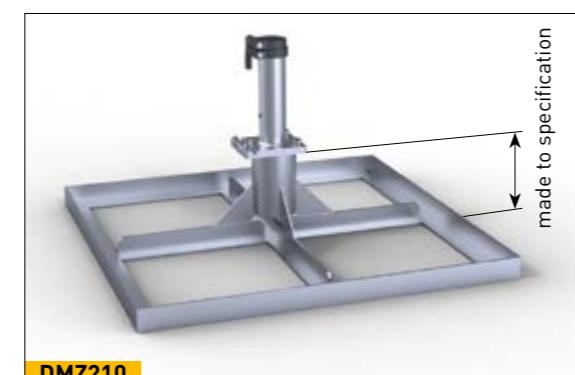
DMZ208 Installation

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. For 1 set of standard concrete slabs 40 x 40 x 5 cm.

Custom-made (not available on stock)

art. no. **DMZ210**



DMZ210



DMZ210 Installation



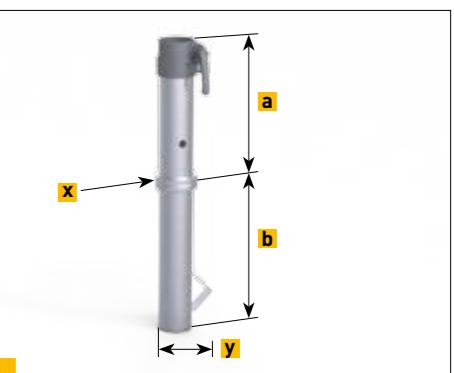
DMZ210 Installation

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.
 $a = 25 \text{ cm}$, $b = 29 \text{ cm}$, $x = \varnothing 8 \text{ cm}$, $y = 15 \text{ cm}$

art. no. **DMZ118**



DMZ118



DMZ118 Installation



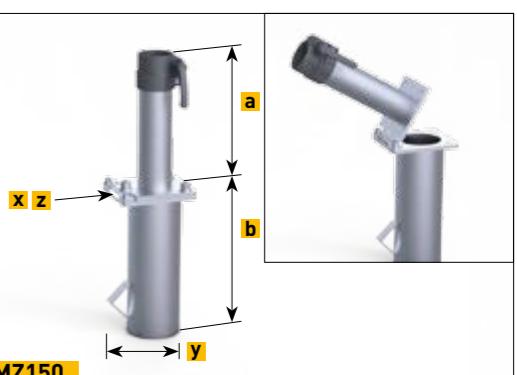
DMZ118 Installation

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.

$\varnothing 5 \text{ cm}$, $a = 26 \text{ cm}$, $b = 28 \text{ cm}$, $x = 12 \text{ cm}$, $y = 14 \text{ cm}$, $z = 14.5 \text{ cm}$

art. no. **DMZ150**



DMZ150



DMZ150 Installation



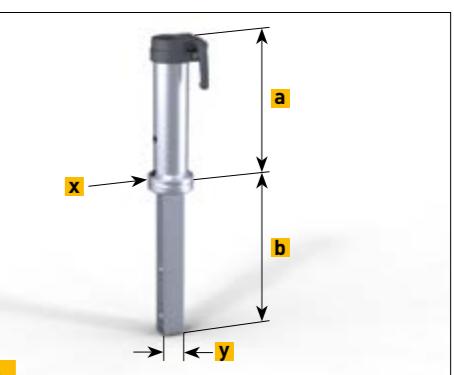
DMZ150 Installation

Anchor tube to be embedded in concrete

for an existing foundation with a bore hole of min. $\varnothing 71 \text{ mm}$, 2 pieces, screw-off upper part, The bore hole is filled with concrete in order to fix the lower part of the anchor tube. The existing foundation must be adequate in size for the designated parasol, galvanized, weight approx. 3 kg, lower tube square, incl. top plate for winter protection.

$a = 25 \text{ cm}$, $b = 28.5 \text{ cm}$, $x = \varnothing 8 \text{ cm}$, $y = \square 5 \text{ cm}$

art. no. **DMZ146**



DMZ146

FILIUS – stationary installation options

Dowel-anchored plate

galvanized, weight approx. 5 kg,
 $a = 27.5 \text{ cm}$, $x = \emptyset 21.5 \text{ cm}$, $t = 1.2 \text{ cm}$, $z = \emptyset 1.65 \text{ cm}$.

art. no. **DMZ261**



Wall bracket

galvanized, weight approx. 5.5 kg, wall plate $30 \times 16 \text{ cm}$,
 $x = 20 \text{ cm}$, $t = 0.8 \text{ cm}$. Bottom of support pole rests on bottom end
of anchor tube.

art. no. **DMZ125**

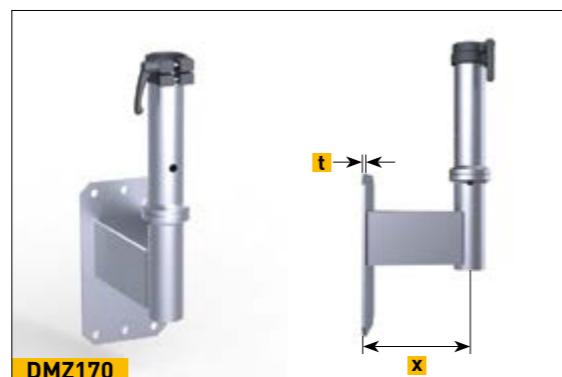


art. no. **200084**

* NEW!

Wall bracket

galvanized; to be clamped onto the existing bars
(only possible if these are very strong), bore holes for M12
stud bolts (not included in the delivery)



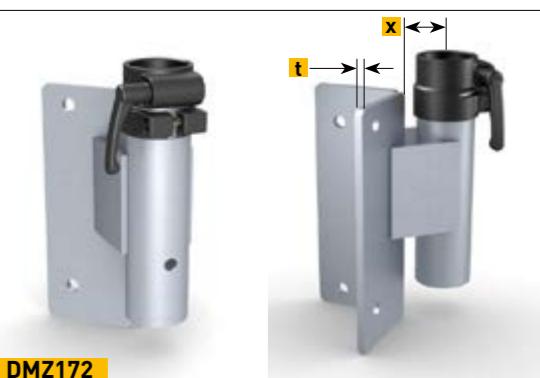
art. no. **DMZ170**

FILIUS – stationary installation options

* NEW!

Corner wall bracket
galvanized, weight approx 5,5 kg,
 $x = 5.5 \text{ cm}$, $t = 0.8 \text{ cm}$

art. no. **DMZ172**



Dowel-anchored plate

customized height to fit patio surface, anchor plate $30 \times 30 \text{ cm}$,
screw-off upper part, galvanized, weight approx. 10 kg, incl. top
plate for winter protection.
Custom-made (not available on stock).

art. no. **DMZ129**



DMZ129 Installation



DMZ129 Installation

Dowel-anchored plate with placement hinge

customized height to fit patio surface, anchor plate $30 \times 30 \text{ cm}$,
galvanized, weight approx. 13 kg, incl. top plate for winter
protection.
Custom-made (not available on stock).

art. no. **DMZ127**



DMZ127 Installation



DMZ127 Installation

FILIUS – stationary installation options

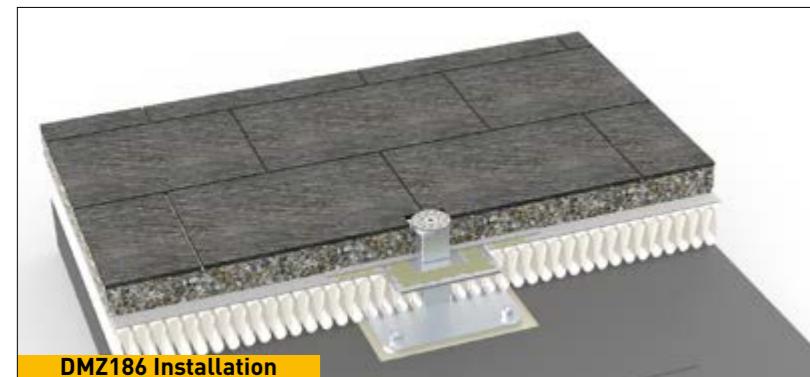
* NEW!

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.

Custom-made (not available on stock).

art. no. **DMZ186**



DMZ186 Installation



DMZ186 Installation

Anchor bolt

bolt and nut, fits for DMZ261, DMZ125, DMZ170, DMZ172, DMZ127, DMZ129 and DMZ186; 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-05/0069.

art. no. **200900**



Screw-in ground anchor

ground screw with upper anchor tube, incl. standard parts, parts unscrewed on delivery, steel, galvanized acc. DIN EN ISO 1461, weight approx. 27 kg, delivered in two ready-to-assemble parts. For further information cf. page 141.

art. no. **DMZ330**



FILIUS – stationary installation options

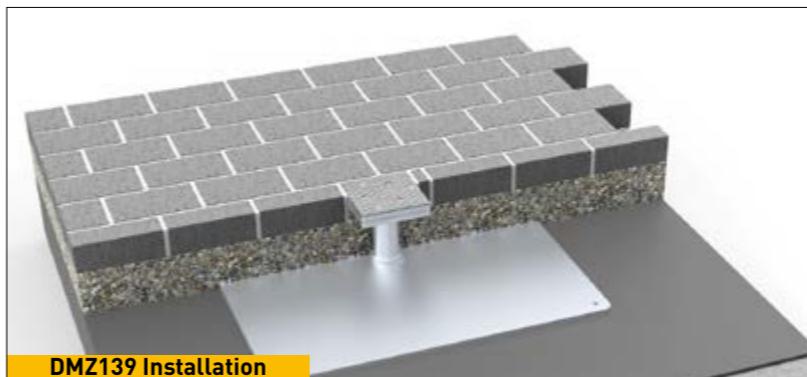
* NEW!

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.

Custom-made (not available on stock).

art. no. **DMZ139**



DMZ139 Installation



DMZ139 Installation

Theft pin

padlock and pin, in stainless steel, for support pole Ø 55 mm. suitable for retrofitting.

art. no. **200194**



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 chill 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. Its captivating elegance and ultra-easy handling ideally complement the hospitable ambience. SCHATTELLO – more than just a parasol!



Our parasol for outdoor catering that stands as solid as a rock.

- large-area all-weather protection
- easy handling
- extremely wind-resistant
- classic parasol for outdoor catering
- product video at www.may-online.com



Video

MAY – shade systems
Made in Germany





Operating mechanism



Frame colours



Central rod system



Top plate



Frame joints



Canopy covering



Without valance



Straight valance



Closing function

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.

High-quality framework materials

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, nutria RAL 8019, or white aluminium RAL 9006. Special colours available on request.

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

Robust 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 die-cast disc is firmly welded to the support pole.

Frame joints

For us perfection in workmanship is an absolute must. Therefore, all moving axes are fitted with easily removable bolts.

Top plate

Elegant and graceful. Can be screwed off. Colour to match framework.

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.

Canopy covering fabric

Due to a special self-tensioning telescopic spring system the awning 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 awning colours see Page 134 onward.

Valance options

- without valance
- straight valance
- Deluxe valance, cf. Page 140.

Installation options

- mobile
- stationary
- cf. Page 90 onward

When not in use

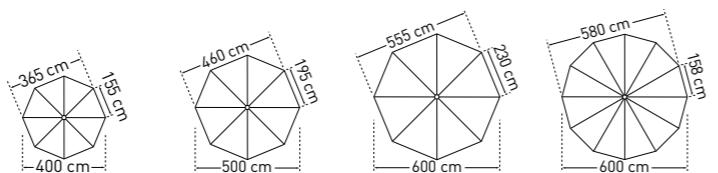
The protective cover provided can easily be slipped over the shade during bad weather periods.

Mounting

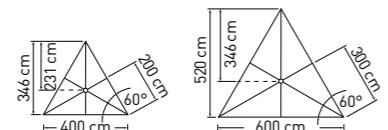
- Pull parasol out of cardboard sleeve.
- Remove all packaging material.
- Place parasol mast in holding tube, that's all – ready for use in a jiffy!

Additional equipment

- Side sheets
- Rain gutter
- Tubular motor, heaters, lighting and loud speakers cf. Page 84 and 122 onward



SCHATTELLO round		Ø 4.0 m	Ø 5.0 m	Ø 6.0 m	Ø 6.0 m	
Segments		8	8	8	12	
Area	m ²	12	19	27	28	
A	Height closed incl. top plate	cm	410	425	440	450
B	Height opened incl. top plate	cm	303	318	333	343
C	Headroom with valance	cm	205	205	200	205
D	Headroom without valance	cm	227	227	222	237
E	Height of valance	cm	28	28	28	28
F	Ground clearance from spoke edge	cm	193	158	123	132
G	Height of lower disc flange	cm	183	198	213	223
Weight without packaging	kg	27	38	45	52	
Support pole diameter	mm	outer-Ø 76, pole thickness 3				
Packaging		Ø 33 cm approx. 17 kg	Ø 35 cm approx. 18 kg			
cardboard sleeve: length 444 cm						
Installation base	cm	50/50/60	60/60/60			
length/width/min. depth						
Minimum ballast		1 layer of concrete slabs = approx. 120 kg	2 layers of concrete slabs = approx. 240 kg			
incl. full frame pedestal SZ411						



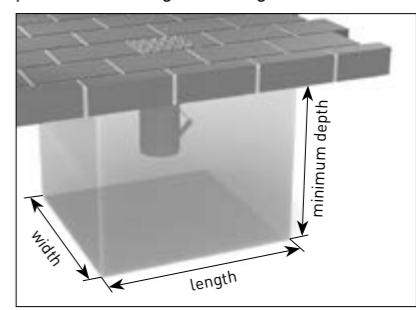
SCHATTELLO triangular		4 x 4 x 4 m	6 x 6 x 6 m	
Segments		6	6	
Area	m ²	6,9	15,6	
A	Height closed incl. top plate	cm	391	402
B	Height opened incl. top plate	cm	284	295
C	Headroom with valance	cm	215	215
D	Headroom without valance	cm	237	237
E	Height of valance	cm	28	28
F	Ground clearance from spoke edge	cm	153	51
G	Height of lower disc flange	cm	234	183
Weight without packaging	kg	27	40	
Support pole diameter	mm	outer-Ø 76, pole thickness 3		
Packaging		Ø 33 cm approx. 17 kg		
cardboard sleeve: length 444 cm				
Installation base	cm	50/50/60		
length/width/min. depth				
Minimum ballast		1 layer of concrete slabs = approx. 120 kg		
incl. full frame pedestal SZ411				

SCHATTELLO square		3.0 x 3.0 m	3.5 x 3.5 m	4.0 x 4.0 m	4.5 x 4.5 m	5.0 x 5.0 m	
Segments		8	8	8	8	8	
Area	m ²	9	12,25	16	20,25	25	
A	Height closed incl. top plate	cm	410	418	425	433	440
B	Height opened incl. top plate	cm	300	308	315	323	330
C	Headroom with valance	cm	215	215	215	215	215
D	Headroom without valance	cm	237	237	237	237	237
E	Height of valance	cm	28	28	28	28	28
F	Ground clearance from spoke edge	cm	180	154	119	96	62
G	Height of lower disc flange	cm	252	190	198	203	213
Weight without packaging	kg	25	34	43	52	58	
Support pole diameter	mm	outer-Ø 76, pole thickness 3					
Packaging		Ø 33 cm approx. 17 kg	Ø 35 cm approx. 18 kg				
cardboard sleeve: length 444 cm							
Installation base	cm	50/50/60	50/50/60	50/50/60	60/60/60	60/60/60	
length/width/min. depth							
Minimum ballast		1 layer of concrete slabs = approx. 120 kg				2 layers of concrete slabs = approx. 240 kg	
incl. full frame pedestal SZ411							

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:

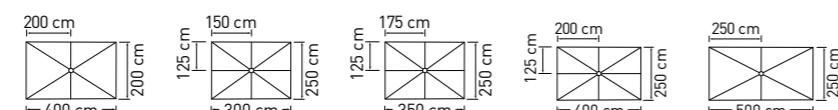
- Full frame pedestal: SZ201 + 14 cm
- Full frame pedestal: SZ203 + 17 cm
- Full frame pedestal: SZ205 + 21 cm
- Full frame pedestal: SZ411 + 9 cm
- Full frame pedestal: SZ412 + 12 cm
- Full frame pedestal: SZ414 + 16 cm
- Full frame pedestal: SZ420 + 19 cm
- Anchor plate: SZ131 + 1,5 cm
- Anchor plate: SZ261 + 5 cm
- Base plate: SZ272 + 4 cm
- Base plate: SZ273 + 4 cm
- Base plate: SZ274 + 4 cm
- Base plate: 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.



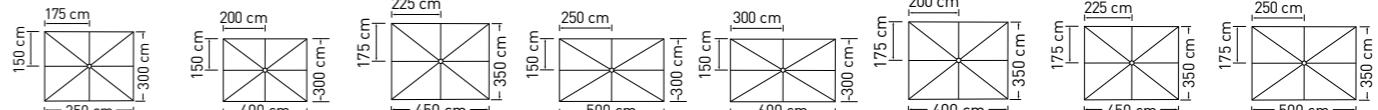
Intermediate and special sizes on request.
All measurements are to be understood as approximate.

* NEW!



SCHATTELLO rectangular		2.0 x 4.0 m	2.5 x 3.0 m	2.5 x 3.5 m	2.5 x 4.0 m	2.5 x 5.0 m
Segments		6	8	8	8	6
Area	m ²	8	7.5	8.8	10	12.5
A	Height closed incl. top plate	cm	387	399	397	393
B	Height opened incl. top plate	cm	280	301	298	294
C	Headroom with valance	cm	215	205	215	215
D	Headroom without valance	cm	237	237	237	237
E	Height of valance	cm	28	28	28	28
F	Ground clearance from spoke edge	cm	152	193	175	150
G	Height of lower disc flange	cm	237	246	243	240
Weight without packaging	kg	28	28	30	31	32
Support pole diameter	mm	outer-Ø 76, pole thickness 3				
Packaging		Ø 33 cm approx. 17 kg				
cardboard sleeve: length 444 cm						
Installation base	cm	50/50/60				
length/width/min. depth						
Minimum ballast		1 layer of concrete slabs = approx. 120 kg				
incl. full frame pedestal SZ411						

* NEW!

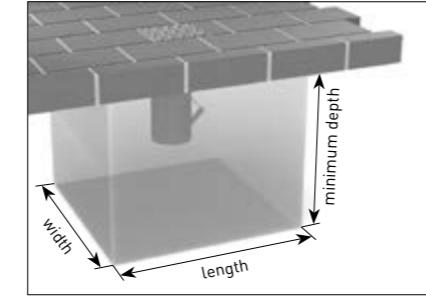


SCHATTELLO rectangular		3.0 x 3.5 m	3.0 x 4.0 m	3.0 x 4.5 m	3.0 x 5.0 m	3.0 x 6.0 m	3.5 x 4.0 m	3.5 x 4.5 m	3.5 x 5.0 m		
A	Height closed incl. top plate	cm	402	397	405	397	405	410	415		
B	Height opened incl. top plate	cm	305	298	298	290	298	303	313		
C	Headroom with valance	cm	205	215	215	215	215	215	215		
D	Headroom without valance	cm	237	237	237	237	237	237	237		
E	Height of valance	cm	28	28	28	28	28	28	28		
F	Ground clearance from spoke edge	cm	160	135	124	97	63	135	117		
G	Height of lower disc flange	cm	250	245	203	245	190	187	230		
			32	28	31	32	34	36	38		
			outer-Ø 76, pole thickness 3								
Packaging		Ø 33 cm approx. 17 kg									
cardboard sleeve: length 444 cm											
Installation base	cm	50/50/60									
length/width/min. depth											
Minimum ballast		1 layer of concrete slabs = approx. 120 kg									
incl. full frame pedestal SZ411											

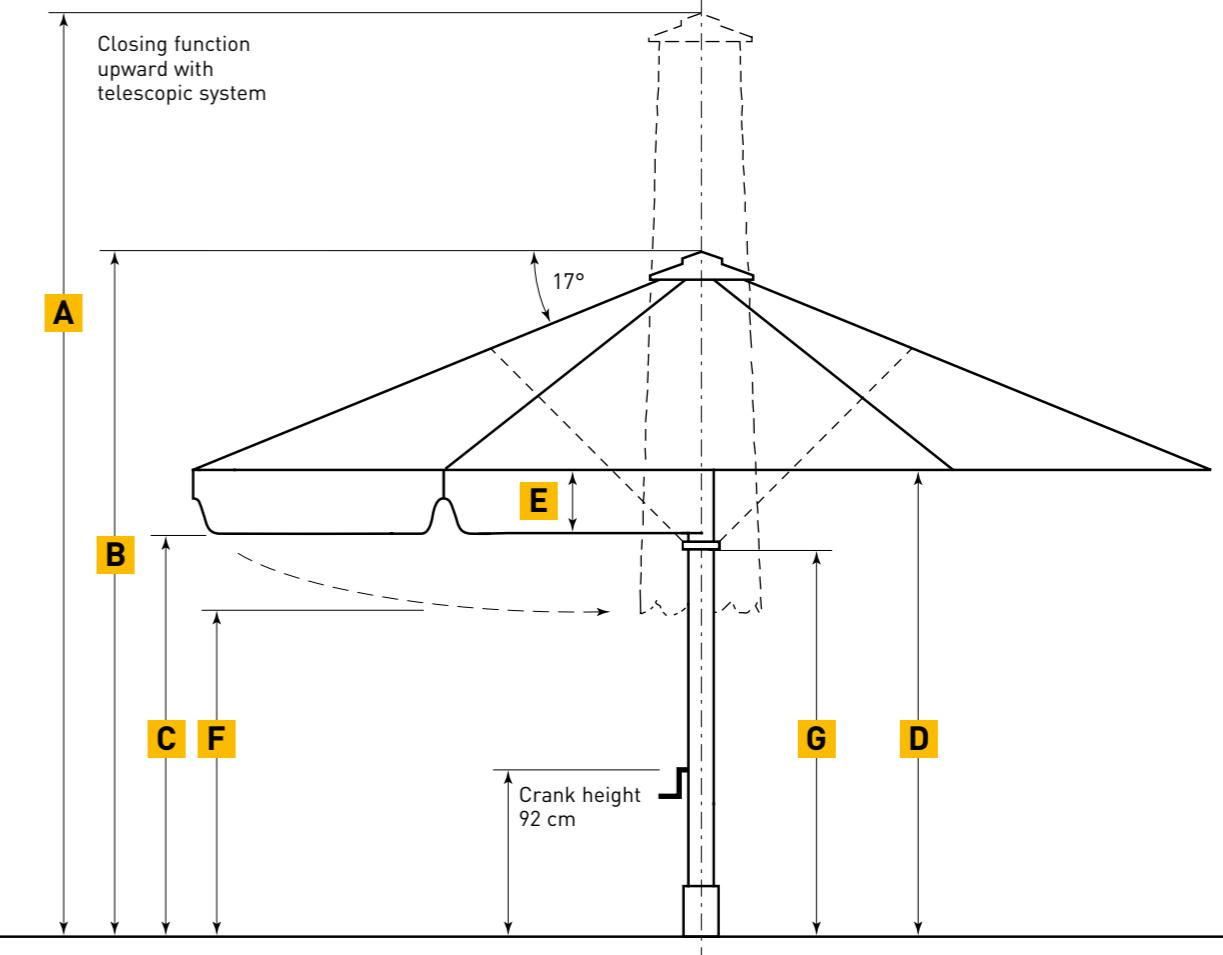
The heights specified are for parasols with MayTex-Acryl covering fabric that are mounted in an anchor tube (SZ118, SZ146 SZ150). The increase in height for parasols with other installation bases can be seen in the list below:

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 + 5 cm
 Base plate: SZ272 + 4 cm
 Base plate: SZ273 + 4 cm
 Base plate: SZ274 + 4 cm
 Base plate: SZ275 + 4 cm

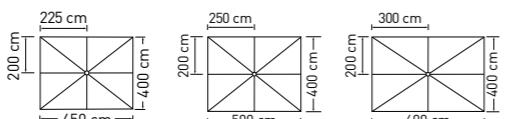
3D view of installation base with top plate for winter protection. Base must be frost-proof and enlarged if the ground is unstable.



Intermediate and special sizes on request.
 All measurements are to be understood as approximate.



* NEW!

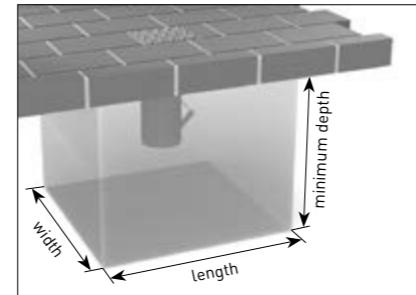


SCHATTELLO rectangular		4.0 x 4.5 m	4.0 x 5.0 m	4.0 x 6.0 m	
Segments		8	8	8	
Area	m ²	18	20	24	
A	Height closed incl. top plate	cm	416	420	425
B	Height opened incl. top plate	cm	293	313	318
C	Headroom with valance	cm	215	215	215
D	Headroom without valance	cm	237	237	237
E	Height of valance	cm	28	28	28
F	Ground clearance from spoke edge	cm	105	84	54
G	Height of lower disc flange	cm	225	198	203
Weight without packaging	kg	44	36	40	
Support pole diameter	mm	outer-Ø 76, pole thickness 3			
Packaging cardboard sleeve: length 444 cm		Ø 33 cm approx. 17 kg			
Installation base length/width/min. depth	cm	50/50/60	60/60/60		
Minimum ballast incl. full frame pedestal SZ411		1 layer of concrete slabs = approx. 120 kg	2 layers of concrete slabs = appr. 240 kg		

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 + 5 cm
 Base plate: SZ272 + 4 cm
 Base plate: SZ273 + 4 cm
 Base plate: SZ274 + 4 cm
 Base plate: 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.



Intermediate and special sizes on request.
 All measurements are to be understood as approximate.





SA130

PUMAVision Headquarter, in Herzogenaurach

Additional protective sleeve

without zipper, grey tarp material.
Please state parasol size.

art. no. SA130



XA141

Rain gutter

in MayTex-Poly, with aluminium rods for stabilization. Can only be used with "straight valance".

art. no. XA141

Glass-fibre reinforced plastic holder for side sheets and rain gutter

1 piece per spoke required

With 1 eyelet screw.

art. no. SA141 01

With 2 eyelet screws.

art. no. SA141 02

Holder for suspended rain gutter

1 piece per spoke required.

art. no. SA150



Side sheets



SA132 / SA134

Additional protective sleeve

with telescopic system and zipper, length of telescope 4.5 m, grey tarp material. Essential for wind-exposed and coastal locations.
Please state parasol size.

art. no. SA132

Protective sleeve for parasols with integrated heaters

with telescopic system and zipper, length of telescope 4.5 m, grey tarp material. Please state parasol size.

art. no. SA134

*** NEW!**

Schattello aluminium frame system **with seawater-resistant stain-less steel frame joints V4A** (1.4401, AISI 316)

art. no. 350118

Length extension of centre pole

State required additional length in cm (max. 50 cm).

Centre- pole shortening

Length on request, dependent on parasol size.

Special frame paint finish

Please state colour of powder-coating in RAL.

Canopy covering PVC-Era

approx. 380g/m².

Side sheets

Textile in MayTex-Poly, cf. Page 132 onward.



Example of a playschool parasol

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:

pure white RAL 9010

Frame finish:

white aluminium RAL 9006

art. no. **SG5000 K001**

art. no. **SG5000 K002**

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. This can be avoided with effective impact protection. If correctly mounted, our protective padding covers the anchor tube and the pole up to a height of 90 cm. Padding material available in grey, red and yellow.

art. no. **350268**



350268



350652

*** NEW!**

Lubricant LubriMay 13

for threaded spindle, content: 100 g.

art. no. **350652**



350848

*** NEW!**

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), barbecue grills, tarpaulins and plastics. Moreover, CleanoMay is non-toxic, biodegradable, inflammable and non-corroding. 1 litre concentrate yields 26 litres liquid cleanser.

art. no. **350848**



*** NEW!**

Substitute canopy covering

An occasional change of canopy covering can give your patio a completely new flair.



Tubular motor

- product video at www.may-online.com



Video



202105



202115



202105 + 202115



202106

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; incl. hand crank for use in case of power cut, incl. plug connector of ground cable to motor cable as well as shrink tubing, the motors can only be used with anchor tubes SZ150, SZ131, SZ127, SZ210, SZ241 or SZ243. Compatible with LED-lighting, not compatible with heaters or loud-speakers; Power: 230 V~/50 Hz.

art. no. 202100

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

* NEW!

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

* NEW!

Holder for radio transmitter

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

art. no. 202116

* NEW!

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

* NEW!

BUS transmitting station

Direct visual contact with the radio receiver necessary. Suitable for the separate control of 2 parasols (4 signals).

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



202116



202106 + 202116



202104



202108



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 122 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, SZ210, SZ241 or SZ243.

Slim lights

Kit S 2 art. no. 350940

230 V connection. Kit consists of:	quantity	art. no.
W-MAY plug connector	1	350930
Power supply within centre pole	1	200369
Slim light 13 W	2	202090

Kit S 4 art. no. 350941

230 V connection. Kit consists of:	quantity	art. no.
W-MAY plug connector	1	350930
Power supply within centre pole	1	200369
Slim light 13 W	4	202090

Kit S 6 art. no. 350942

230 V connection. Kit consists of:	quantity	art. no.
W-MAY plug connector	1	350930
Power supply within centre pole	1	200369
Slim light 13 W	6	202090

LED lighting

Kit S 2LED art. no. 350943

230 V connection. Kit consists of:	quantity	art. no.
W-MAY plug connector	1	350930
Power supply within centre pole	1	200369
Power supply unit (PSU) for max. 4 LED bars, integrated in parasol	1	350270
LED bar, warm white	2	350274

Kit S 4LED art. no. 350944

230 V connection. Kit consists of:	quantity	art. no.
W-MAY plug connector	1	350930
Power supply within centre pole	1	200369
Power supply unit (PSU) for max. 4 LED bars, integrated in parasol	1	350270
LED bar, warm white	4	350274

Kit S 6LED art. no. 350945

12 V connection. Kit consists of:	quantity	art. no.
W-MAY plug connector	1	350930
Power supply within centre pole	1	200369
Power supply unit (PSU) for max. 20 LED bars, installed on the outdoor wall or inside the house	1	350271
LED bar, warm white	6	350274

Infrared heaters + slim lights

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

Alternatively, plug connector S1, art. no. 350107 can be used.

Kit S 4 2A art. no. 202062

400 V connection. Kit consists of:	quantity	art. no.
Power supply within centre pole	1	200369
Electrical harness	1	200565
Automatic auxiliary cut out switch	1	202051
Cabling, long (only possible along diagonal spokes)	2	200579
Swivelling holder	2	202040
Infrared heater	2	200408
Slim light 13 W	4	202090

Kit S 4 4A art. no. 202064

400 V connection. Kit consists of:	quantity	art. no.
Power supply within centre pole	1	200369
Electrical harness	1	200565
Automatic auxiliary cut out switch	1	202051
Cabling, long (only possible along diagonal spokes)	4	200579
Swivelling holder	4	202040
Infrared heater	4	200408
Slim light 13 W	4	202090

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

Kit S 4 2Z art. no. 207062

400 V connection. Kit consists of:	quantity	art. no.
Power supply within centre pole	1	200369
Electrical harness	1	200565
Automatic auxiliary cut out switch	1	202051
Cabling, short (Please state position intended)	2	200585
Swift-hold spar	2	200578
Infrared heater	2	200408
Slim light 13 W	4	202090

This kit cannot be used for parasol size 4 x 5 m.

Kit S 4 4Z art. no. 207064

400 V connection. Kit consists of:	quantity	art. no.
Power supply within centre pole	1	200369
Electrical harness	1	200565
Automatic auxiliary cut out switch	1	202051
Cabling, short (Please state position intended)	4	200585
Swift-hold spar	4	200578
Infrared heater	4	200408
Slim light 13 W	4	202090

This kit cannot be used for parasol sizes 2 x 2 m, 2.5 x 2.5 m, 3 x 3 m and 4 x 5 m.
We will be pleased to advise you about alternatives.

Infrared heaters + LED lighting

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

Alternatively, plug connector S1,
art. no. 350107 can be used.

Kit S 4LED 2A art. no. 350953

400 V connection. Kit consists of:	quantity	art. no.
Power supply within centre pole	1	200369
Electrical harness	1	200565
Automatic auxiliary cut out switch	1	202051
Cabling, long (only possible along diagonal spokes)	2	200579
Swivelling holder	2	202040
Infrared heater	2	200408
Power supply unit (PSU) for max. 4 LED bars, integrated in parasol	1	350270
LED bar, warm white	4	350274

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

Kit S 4LED 4A art. no. 350954

400 V connection. Kit consists of:	quantity	art. no.
Power supply within centre pole	1	200369
Electrical harness	1	200565
Automatic auxiliary cut out switch	1	202051
Cabling, long (only possible along diagonal spokes)	4	200579
Swivelling holder	4	202040
Infrared heater	4	200408
Power supply unit (PSU) for max. 4 LED bars, integrated in parasol	1	350270
LED bar, warm white	4	350274

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

Kit S 4LED 2Z art. no. 350955

400 V connection. Kit consists of:	quantity	art. no.
Power supply within centre pole	1	200369
Electrical harness	1	200565
Automatic auxiliary cut out switch	1	202051
Cabling, short (Please state position intended)	2	200585
Swift-hold spar	2	200578
Infrared heater	2	200408
Power supply unit (PSU) for max. 4 LED bars, integrated in parasol	1	350270
LED bar, warm white	4	350274

This kit cannot be used for parasol size 4 x 5 m.

LED lighting + tubular motor

Please order radio transmitter separately.

Kit S 4LED 4Z art. no. 350956

400 V connection. Kit consists of:	quantity	art. no.
Power supply within centre pole	1	200369
Electrical harness	1	200565
Automatic auxiliary cut out switch	1	202051
Cabling, short (Please state position intended)	4	200585
Swift-hold spar	4	200578
Infrared heater	4	200408
Power supply unit (PSU) for max. 4 LED bars, integrated in parasol	1	350270
LED bar, warm white	4	350274

This kit cannot be used for parasol size 4 x 5 m.

Kit S 2LED M art. no. 350946

12 V + 230 V connection. Kit consists of:	quantity	art. no.
W-MAY plug connector	1	350930
H1-MAY plug connector	1	350931
Power supply within centre pole	1	200369
Electrical harness	1	350933
Power supply unit (PSU) for max. 4 LED bars, installed on the outdoor wall or inside the house	1	350270
LED bar, warm white	2	350274
Tubular motor	1	202100

Kit S 4LED M art. no. 350947

12 V + 230 V connection. Kit consists of:	quantity	art. no.
W-MAY plug connector	1	350930
H1-MAY plug connector	1	350931
Power supply within centre pole	1	200369
Electrical harness	1	350933
Power supply unit (PSU) for max. 4 LED bars, installed on the outdoor wall or inside the house	1	350270
LED bar, warm white	4	350274
Tubular motor	1	202100

Kit S 6LED M art. no. 350948

12 V + 230 V connection. Kit consists of:	quantity	art. no.
W-MAY plug connector	1	350930
H1-MAY plug connector	1	350931
Power supply within centre pole	1	200369
Electrical harness	3	350933
Power supply unit (PSU) for max. 20 LED bars, installed on the outdoor wall or inside the house	1	350271
LED bar, warm white	6	350274
Tubular motor	1	202100

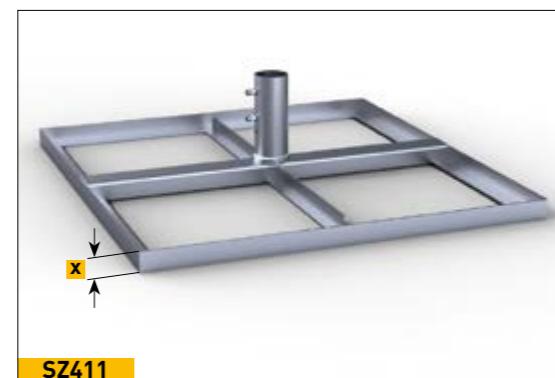
SCHATTELLO – mobile installation options

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, galvanized, weight approx. 30 kg. For 1 set of standard concrete slabs 50 x 50 x 5 cm.

art. no. **SZ411**



art. no. **SZ412**

Full frame pedestal with 4 rubber diagonal support levelling screws

frame size 103 x 111 cm, total height min. 32 cm, max. 36 cm, galvanized, weight approx. 30 kg. For 1 set of standard concrete slabs 50 x 50 x 5 cm.

art. no. **SZ412**

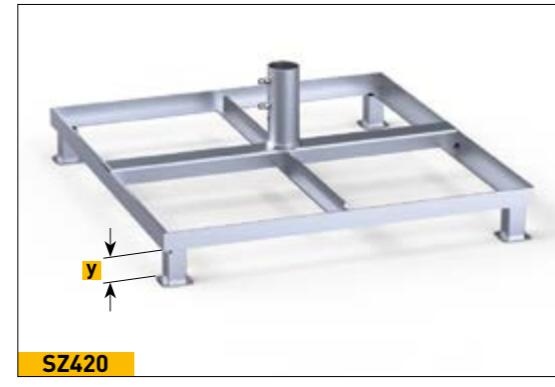


art. no. **SZ414**

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, galvanized, weight approx. 31 kg. For 1 set of standard concrete slabs 50 x 50 x 5 cm. Attention: wind sensitive!

art. no. **SZ414**



art. no. **SZ420**

* NEW!

Full frame pedestal on feet

for forklift or lift truck transport, frame size 103 x 111 cm, foot height y = 10 cm, galvanized, weight approx 30 kg. For 1 set of standard concrete slabs 50 x 50 x 5 cm.

SCHATTELLO – mobile installation options

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**



art. no. **SZ203**

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**



art. no. **SZ205**

Full 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!

SCHATTELLO – mobile installation options

Full frame pedestal

customized height to fit patio surface, frame size 103 x 103 cm, screw-off upper part, galvanized, weight approx. 29 kg, incl. top plate for winter protection. For 1 set of standard concrete slabs 50 x 50 x 5 cm.
Custom-made (not available on stock).

art. no. **SZ208**



SZ208



SZ208 Installation



SZ208 Installation

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.
Custom-made (not available on stock).

art. no. **SZ210**



SZ210



SZ210 Installation



SZ210 Installation

Concrete slabs

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

art. no. **XZ50**



XZ50

SCHATTELLO – mobile installation options

* NEW!

Base plate

for parasols up to 21 m² in size, to be screwed together on site, heaviest component approx. 50 kg, base plate size 145 x 145 cm, steel plate thickness x = 12 mm, galvanized, weight approx. 213 kg.

art. no. **SZ272**



SZ272/SZ274

* NEW!

Base plate

for parasols from 21 m² in size, to be screwed together on site, heaviest component approx. 63 kg, base plate size 145 x 145 cm, steel plate thickness x = 15 mm, galvanized, weight approx. 263 kg.

art. no. **SZ274**



art. no. **SZ273**

SZ273/SZ275

* NEW!

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 145 x 145 cm, steel plate thickness x = 12 mm, galvanized, weight approx. 214 kg.

art. no. **SZ273**

SZ273/SZ275

* NEW!

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 145 x 145 cm, steel plate thickness x = 15 mm, galvanized, weight approx. 264 kg.

art. no. **SZ275**

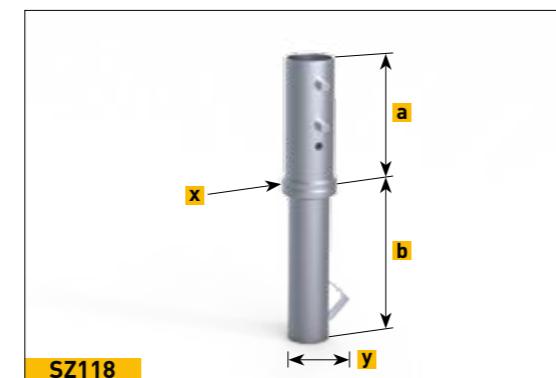
SCHATTELLO – stationary installation options

Anchor tube to be embedded in concrete

2 pieces, screw-off upper part, for 8-segment shade, galvanized, (also available in stainless steel), weight approx. 7 kg, incl. top plate for winter protection.

$a = 22 \text{ cm}$, $b = 29 \text{ cm}$, $x = \varnothing 10 \text{ cm}$, $y = 16 \text{ cm}$.

art. no. **SZ118**



SZ118 Installation



SZ118 Installation

Anchor tube to be embedded in concrete with placement hinge

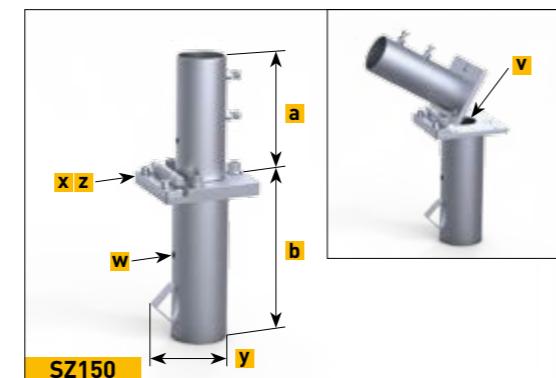
2 pieces, screw-off upper part, galvanized, weight approx. 11 kg, incl. top plate for winter protection.

v = bore for power cable through centre post $\varnothing 7 \text{ cm}$.

w = bore hole for underground cable $\varnothing 1.3 \text{ cm}$.

$a = 23 \text{ cm}$, $b = 28 \text{ cm}$, $x = 16 \text{ cm}$, $y = 17.5 \text{ cm}$, $z = 15 \text{ cm}$.

art. no. **SZ150**



SZ150 Installation



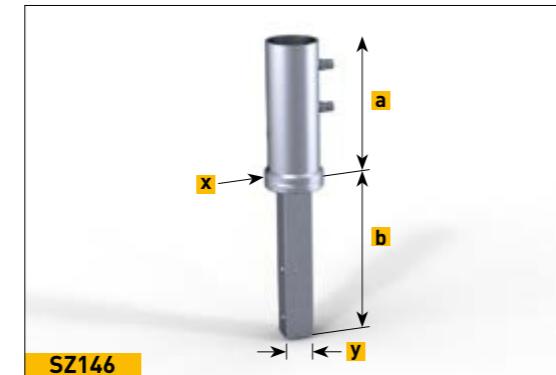
SZ150 Installation

Anchor tube to be embedded in concrete

for an existing foundation with a bore hole of min. $\varnothing 71 \text{ mm}$, 2 pieces, screw-off upper part. Bore hole filled with concrete 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.

$a = 22 \text{ cm}$, $b = 29 \text{ cm}$, $x = \varnothing 10 \text{ cm}$, $y = \square 5 \text{ cm}$

art. no. **SZ146**



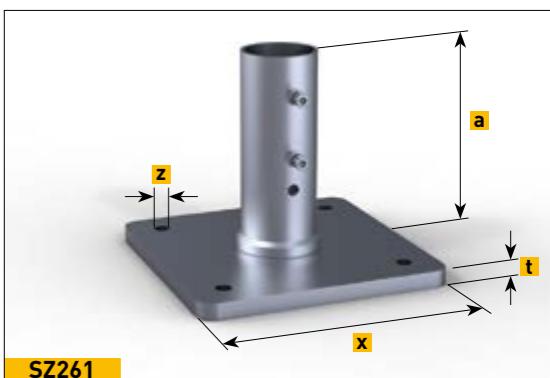
SCHATTELLO – stationary installation options

Dowel-anchored plate

2 pieces, screw-off upper part, galvanized, weight approx. 15 kg.

$a = 22 \text{ cm}$, $x = \square 30 \text{ cm}$, $t = 1.5 \text{ cm}$, $z = \varnothing 1.8 \text{ cm}$.

art. no. **SZ261**



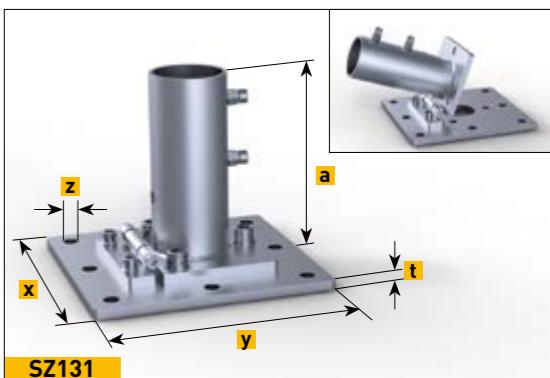
SZ261 Installation

Dowel-anchored plate, with placement hinge

galvanized, $28 \times 26 \times 1.2 \text{ cm}$, weight approx. 11.2 kg.

$a = 23 \text{ cm}$, $x = 26 \text{ cm}$, $y = 27.5 \text{ cm}$, $t = 1.2 \text{ cm}$, $z = \varnothing 1.8 \text{ cm}$.

art. no. **SZ131**



SZ131 Installation

SCHATTELLO – stationary installation options

Dowel-anchored plate

customized height to fit patio surface, anchor plate 50 x 50 cm, screw-off upper part, galvanized, weight approx. 32 kg, incl. top plate for winter protection.
Custom-made (not available on stock).

art. no. **SZ129**



SZ129 Installation

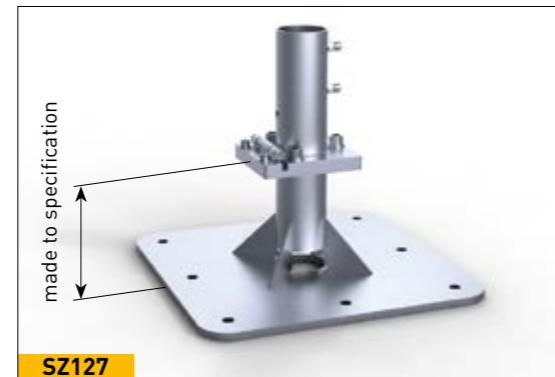


SZ129 Installation

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.
Custom-made (not available on stock).

art. no. **SZ127**



SZ127 Installation



SZ127 Installation

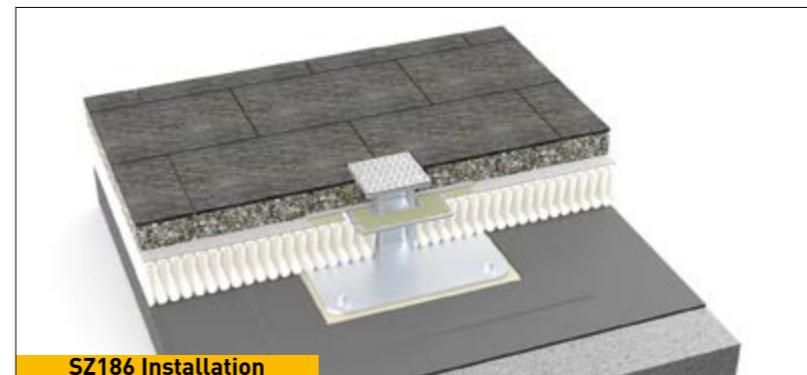
SCHATTELLO – stationary installation options

* NEW!

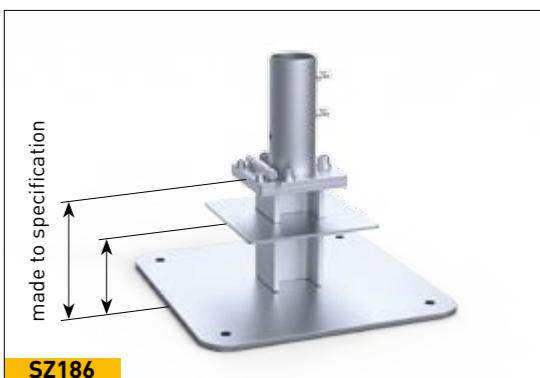
Flat-roof dowel-anchored plate

externally insulated roof system, system-conform flat roof connection with liquid plastic, customized height to fit flat roof surface, dowel plate 50 x 50 cm, screw-off upper part, galvanized, weight approx. 38 kg, incl. top plate for winter protection.
Custom-made (not available on stock).

art. no. **SZ186**



SZ186 Installation



SZ186



SZ186 Installation

Anchor bolt

bolt and nut, fits for SZ261, SZ131, SZ127, SZ129 und SZ186; approved for cracked and non-cracked concrete B25 to B55 (old compressive strength classes) C20/25 bis C50/60, (new EU classification), 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**



200900

Screw-in ground anchor

suitable for all sizes up to 28 m²; groundscrew with upper anchor tube, incl. standard parts, parts unscrewed on delivery, steel, galvanized acc. DIN EN ISO 1461, weight approx. 27 kg, incl. top plate for winter protection, delivered in two ready-to-assemble parts. For further information cf. page 141.

art. no. **SZ330**

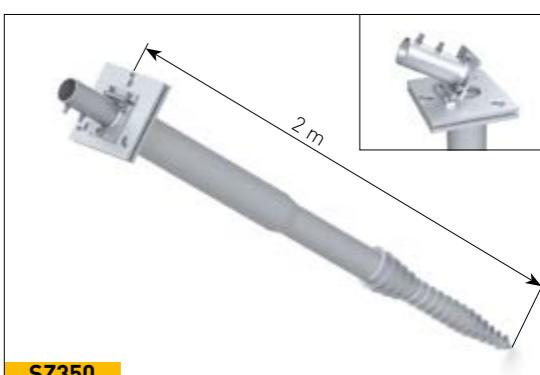


SZ330

Screw-in ground anchor with placement hinge

suitable for all sizes up to 28 m²; groundscrew with upper anchor tube, incl. standard parts, parts unscrewed on delivery, steel, galvanized acc. DIN EN ISO 1461, weight approx. 27 kg, incl. top plate for winter protection. delivered in two ready-to-assemble parts. For further information cf. page 141.

art. no. **SZ350**



SZ350

SCHATTELLO – stationary installation options

* NEW!

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 145 x 145 cm, steel plate thickness x = 12 mm, screw-off upper part, galvanized, weight approx. 227 kg, incl. top plate for winter protection.
Custom-made (not available on stock).

art. no. **SZ240**



SZ240 / SZ242

* NEW!

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 145 x 145 cm, steel plate thickness x = 15 mm, screw-off upper part, galvanized, weight approx. 277 kg, incl. top plate for winter protection.
Custom-made (not available on stock).

art. no. **SZ242**



SZ240 / SZ242 Installation

* NEW!

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. 50 kg, base plate size 145 x 145 cm, steel plate thickness x = 12 mm, screw-off upper part, galvanized, weight approx. 220 kg, incl. top plate for winter protection.
Custom-made (not available on stock).

art. no. **SZ241**



SZ241 / SZ243

* NEW!

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 145 x 145 cm, steel plate thickness x = 15 mm, screw-off upper part, galvanized, weight approx. 278 kg, incl. top plate for winter protection.
Custom-made (not available on stock).

art. no. **SZ243**



SZ241 / SZ243 Installation

Theft pin

padlock and pin, in stainless steel, for support pole Ø 76 mm.
suitable for retrofitting.

art. no. **200103**



200103





The jewel of our
large-area parasols

- optimal space utilization
- large-area all-weather protection
- easy handling
- extremely wind-resistant

MAY – shade systems
Made in Germany



Especially designed to meet the requirements of outdoor catering, this parasol concept provides an exclusive atmosphere in large areas. Its clear design is unique and lends its very own unmistakable charm to any outside area. These parasols stand out by robust construction. ALBATROS – technically speaking, SCHATTELLO's big brother.





Operating mechanism



High-quality framework



Frame joints



Top plate



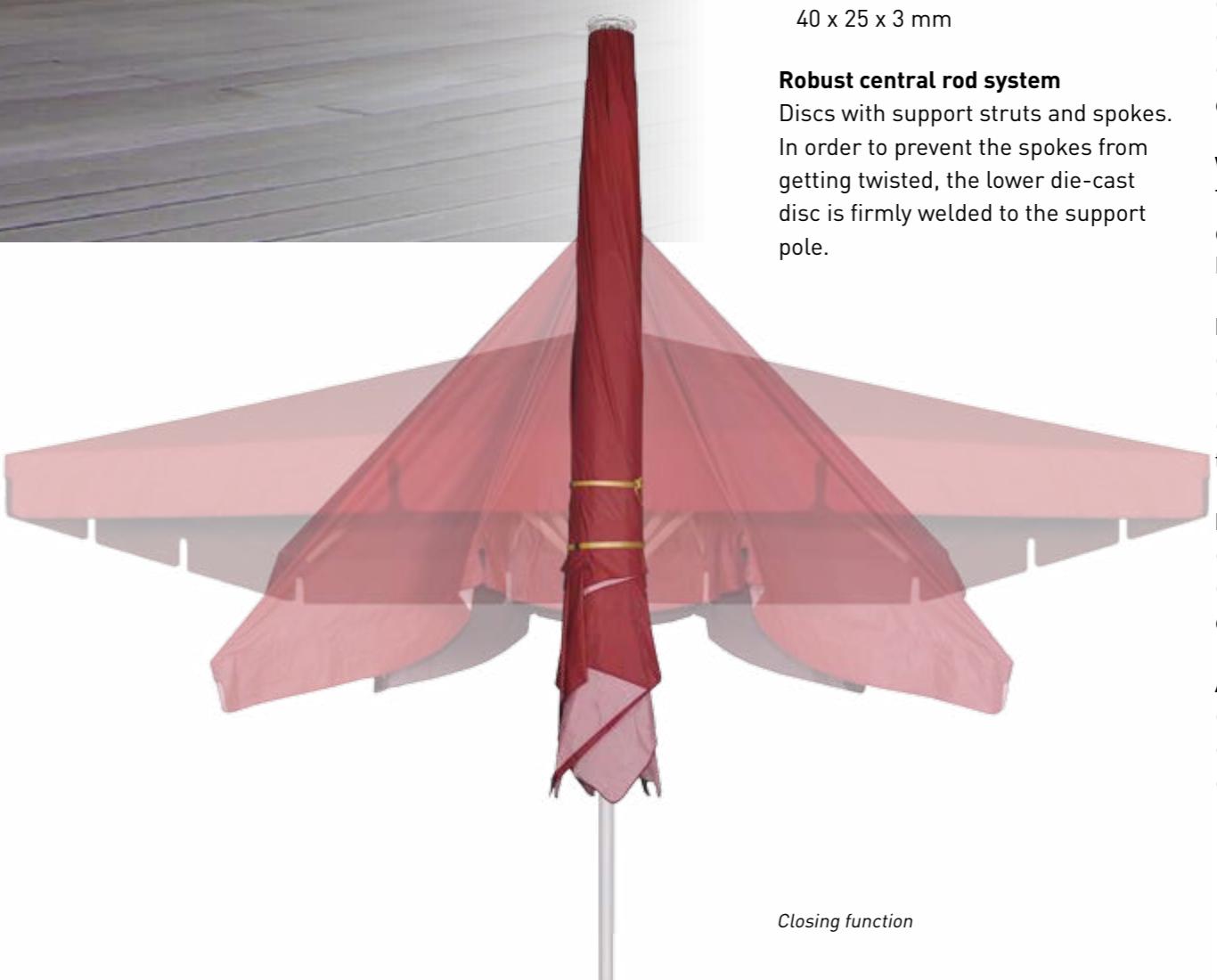
Canopy covering



Without valance



Straight valance



Closing function

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. Electric drive on request.

High-quality framework materials

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

Robust central rod system

Discs with support struts and spokes. In order to prevent the spokes from getting twisted, the lower die-cast disc is firmly welded to the support pole.

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.

Top plate

Elegant and graceful. Can be screwed off. Colour to match framework.

Canopy covering fabric

Due to a special self-tensioning telescopic spring system the awning 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 awning colours see Page 134 onward.

Valance options

- without valance
- straight valance
- Deluxe valance
cf. Page 140.

When not in use

The protective cover provided can easily be fitted over the shade during bad weather periods.

Mounting

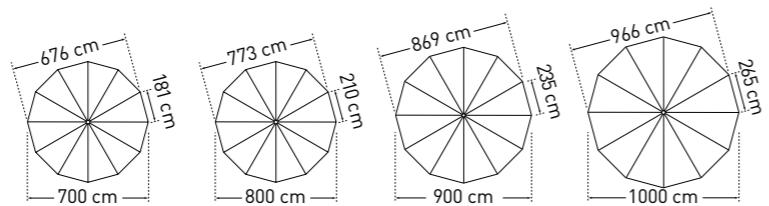
- Pull parasol out of cardboard sleeve.
- Remove all packaging material.
- Place parasol mast in holding tube, that's all – ready for use in minutes!

Installation options

- mobile
- stationary
cf. Page 118 onward

Additional equipment

- Side sheets
- Rain gutter
- Tubular motor, heaters, lighting and loud speakers, cf. Page 110 and 122 onward



ALBATROS	Ø 7.0 m	Ø 8.0 m	Ø 9.0 m	Ø 10.0 m¹⁾						
Segments	12	12	12	12						
Area m ²	37	50	63	78						
A Height closed incl. top plate cm	520	535	550	565						
B Height opened incl. top plate cm	345	360	375	390						
C Headroom with valance cm	210	208	206	205						
D Headroom without valance cm	245	245	242	240						
E Height of valance cm	33	33	33	33						
F Ground clearance from spoke edge cm	155	120	85	50						
G Crank height cm	92	92	92	92						
H Height lower disc flange cm	190	205	220	235						
Weight without packaging kg	128	133	147	160						
Support pole diameter mm	outer-Ø 100, pole thickness 5									
Packaging cardboard sleeve: length 580 cm	Ø 45 cm approx. 30 kg									
Installation base length/width/min. depth cm	80/80/60	90/90/60	100/100/60	70/70/60						
Minimum ballast incl. full frame pedestal AZ411	8 layers of concrete slabs = approx. 980 kg	10 layers of concrete slabs = appr. 1240 kg	13 layers of concrete slabs = appr. 1560 kg	4 layers of concrete slabs = appr. 480 kg	6 layers of concrete slabs = appr. 720 kg	6 layers of concrete slabs = appr. 720 kg	8 layers of concrete slabs = appr. 980 kg	6 layers of concrete slabs = appr. 720 kg	8 layers of concrete slabs = appr. 980 kg	6 layers of concrete slabs = appr. 720 kg

¹⁾ When concrete slabs are used as ballast, the shade 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 (cf. price-list Accessories and Bases). Note that the height dimensions then have to be increased by 20 cm.

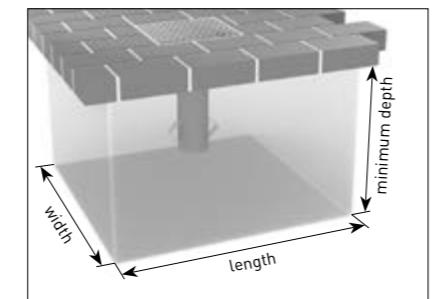
The heights specified are for parasols with MayTex covering fabric that are mounted in an anchor tube AZ120. The increase in height for parasols with other installation bases can be seen in the list below:

Full frame pedestal: AZ111 + 1.5 cm

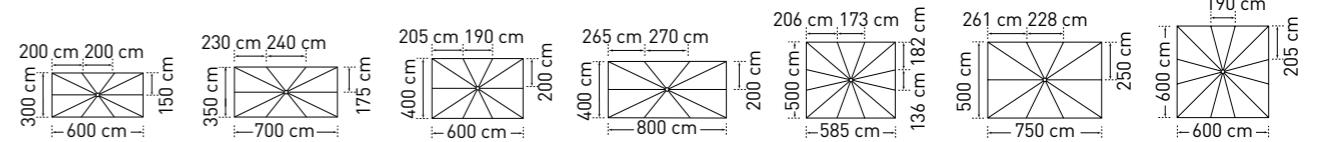
Full frame pedestal: AZ112 + 2 cm

Anchor plate: AZ024 + 1.5 cm

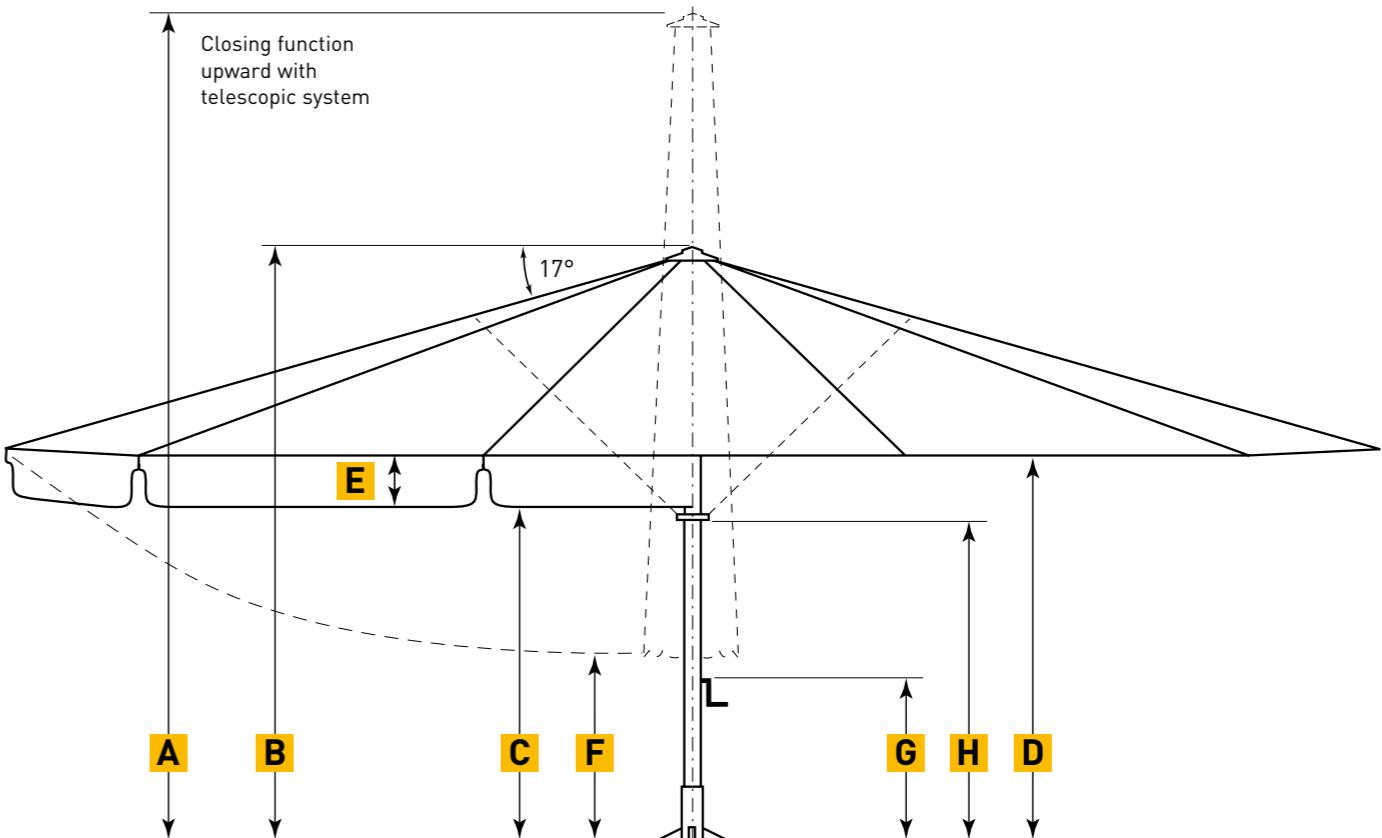
3D view of installation base with top plate for winter protection. Base must be frost-proof and enlarged if the ground is unstable.

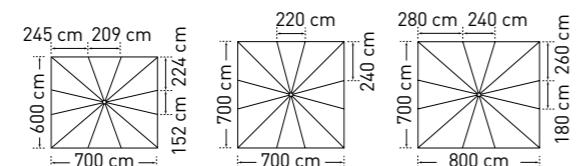


Intermediate and special sizes on request.
All measurements are to be understood as approximate.



3.0 x 6.0 m	3.5 x 7.0 m	4.0 x 6.0 m	4.0 x 8.0 m	5.0 x 5.85 m	5.0 x 7.5 m	6.0 x 6.0 m
10	10	10	10	12	10	12
18	24,5	24	32	29	37,5	36
483	490	520	538	525	535	535
305	312	325	345	329	329	345
216	216	213	217	213	213	210
242	242	242	242	240	240	245
33	33	33	33	33	33	33
132	83	145	70	130	72	95
92	92	70	92	92	92	92
198	205	183	205	190	200	200
99	104	104	129	106	129	113
outer-Ø 100, pole thickness 5						
Ø 45 cm approx. 30 kg						
4 layers of concrete slabs = appr. 480 kg	6 layers of concrete slabs = appr. 720 kg	6 layers of concrete slabs = appr. 720 kg	8 layers of concrete slabs = appr. 980 kg	6 layers of concrete slabs = appr. 720 kg	8 layers of concrete slabs = appr. 980 kg	6 layers of concrete slabs = appr. 720 kg





ALBATROS	6.0 x 7.0 m	7.0 x 7.0 m ¹⁾	7.0 x 8.0 m ¹⁾		
Segments	12	12	12		
Area	m ²	41	49	56	
A	Height closed incl. top plate	cm	555	550	570
B	Height opened incl. top plate	cm	359	355	375
C	Headroom with valance	cm	213	210	210
D	Headroom without valance	cm	242	245	245
E	Height valance	cm	33	33	33
F	Ground clearance from spoke edge	cm	72	38	25
G	Crank height	cm	92	92	92
H	Height lower disc flange	cm	207	215	235
Weight without packaging	kg	121	133	160	
Support pole diameter	mm	outer-Ø 100, pole thickness 5			
Packaging		Ø 45 cm approx. 30 kg			
cardboard sleeve: length 580 cm					
Installation base					
length/width/min. depth	cm	80/80/60	90/90/80		
Minimum ballast		8 layers of concrete slabs = approx. 980 kg	10 layers of concrete slabs = approx. 1240 kg		
incl. full frame pedestal AZ411					

¹⁾ When concrete slabs are used as ballast, the shade 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 (cf. price-list Accessories and Bases). Note that the height dimensions then have to be increased by 20 cm.

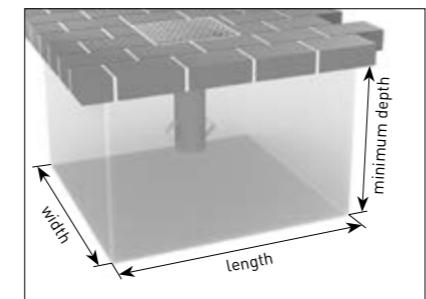
The heights specified are for parasols with MayTex covering fabric that are mounted in an anchor tube AZ120. The increase in height for parasols with other installation bases can be seen in the list below:

Full frame pedestal: AZ111 + 1.5 cm

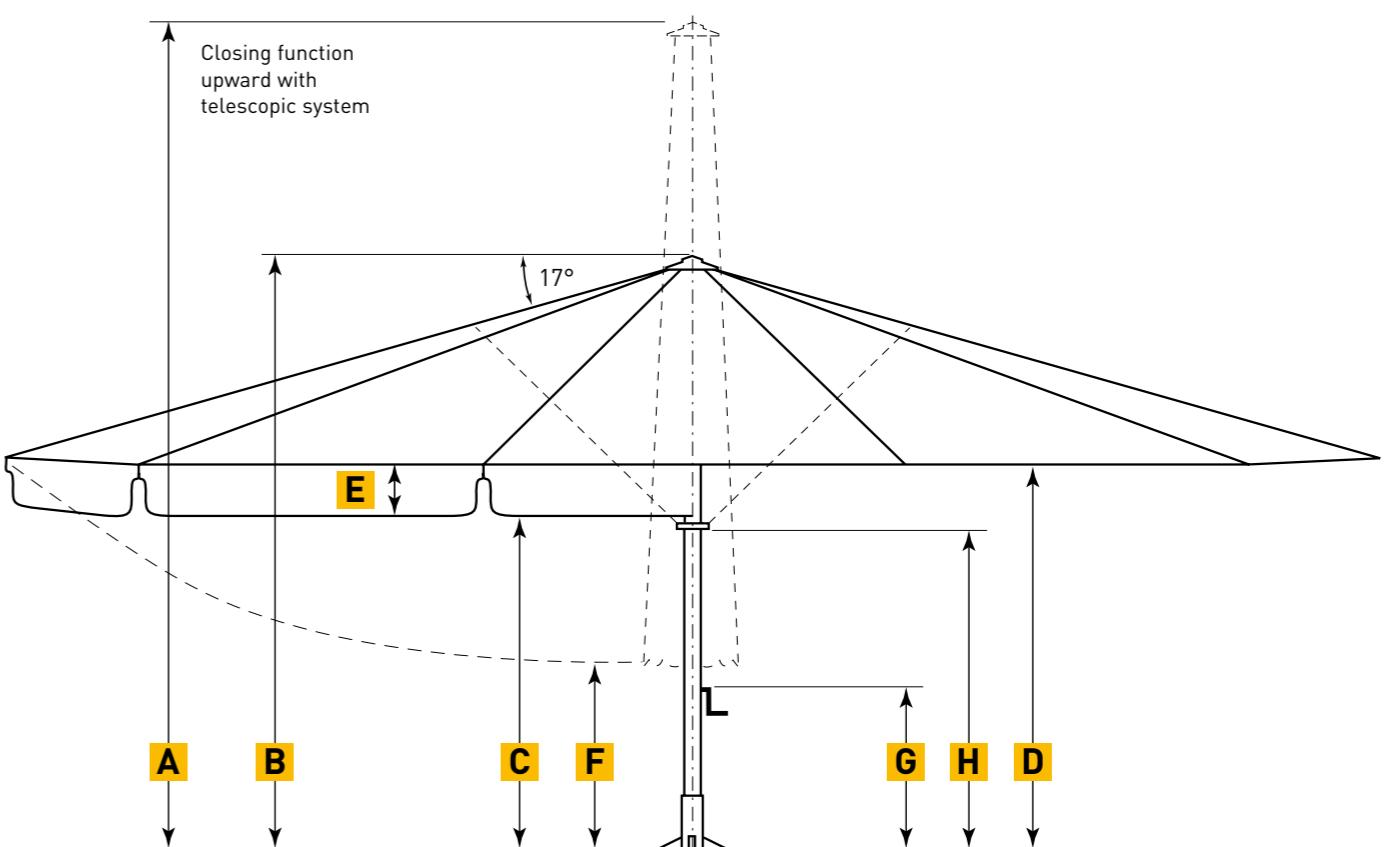
Full frame pedestal: AZ112 + 2 cm

Anchor plate: AZ024 + 1.5 cm

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



Intermediate and special sizes on request.
All measurements are to be understood as approximate.





AA130

Mercedes-Benz SLR McLaren VIP-Lounge, Circuit Paul Ricard HTTT, Le Castellet

Additional protective sleeve
with zipper, grey tarp material.
Please state parasol size.

art. no. AA130

Additional protective sleeve
with telescopic system and zipper, length of telescope 4.5 m, grey tarp material. Essential for wind-exposed and coastal locations.
Please state parasol size.

art. no. AA132

Protective sleeve for parasols with integrated heaters
with telescopic system and zipper, length of telescope 4.5 m, grey tarp material. Please state parasol size.

art. no. AA134

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



art. no. 200112

*** NEW!**
Albatros-Aluminium frame system **with seawater-resistant stainless steel frame joints V4A (1.4401, AISI 316)**.

art. no. 350118



XA141

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

art. no. XA141

Glass-fibre reinforced plastic holder for side sheets and rain gutter
1 piece per spoke required.

With 1 eyelet screw.

art. no. AA141 01

With 2 eyelet screws.

art. no. AA141 02

Holder for suspended rain gutter
1 piece per spoke required.

art. no. AA150

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

Centre- pole shortening

Length on request, dependent on parasol size.

Special frame paint finish

Please state colour of powder-coating in RAL.

Canopy covering PVC-Era
approx. 380g/m².

Side sheets

Textile in MayTex-Poly, cf. Page 132 onward.



Side sheets



Tubular motor

- product video at www.may-online.com



Video



202105



202115



202105 + 202115



202106

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; incl. hand crank for use in case of power cut; incl. plug connector of ground cable to motor cable as well as shrink tubing; the motors can only be used with anchor tubes AZ210, AZ120, AZ024, AZ128 or AZ186. Compatible with LED-lighting, not compatible with heaters or loud-speakers; Power: 230V-/50 Hz

Order 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

* NEW!

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

* NEW!

Holder for radio transmitter

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

art. no. 202116

* NEW!

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

* NEW!

BUS transmitting station

Direct visual contact with the radio receiver necessary. Suitable for the separate control of 2 parasols (4 signals).

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



202116



202106 + 202116



202104



202108



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 122 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 and AZ210.

Slim lights

Kit A 4 art. no. 350957

230 V connection. Kit consists of:
W-MAY plug connector
Power supply within centre pole
Slim light 13 W

quantity art. no.
1 350930
1 200369
4 202090

Kit A 6 art. no. 350958

230 V connection. Kit consists of:
W-MAY plug connector
Power supply within centre pole
Slim light 13 W

quantity art. no.
1 350930
1 200369
6 202090

Kit A 8 art. no. 350959

230 V connection. Kit consists of:
W-MAY plug connector
Power supply within centre pole
Slim light 13 W

quantity art. no.
1 350930
1 200369
8 202090

Kit A 10 art. no. 350960

230 V connection. Kit consists of:
W-MAY plug connector
Power supply within centre pole
Slim light 13 W

quantity art. no.
1 350930
1 200369
10 202090

Kit A 12 art. no. 350961

230 V connection. Kit consists of:
W-MAY plug connector
Power supply within centre pole
Slim light 13 W

quantity art. no.
1 350930
1 200369
12 202090

LED lighting

Kit A 4LED art. no. 350962

230 V connection. Kit consists of:
W-MAY plug connector
Power supply within centre pole
Electrical harness
Power supply unit (PSU) for max. 4 LED bars, integrated in parasol
LED bar, warm white

quantity art. no.
1 350930
1 200369
1 200566
1 350270
4 350274

Kit A 6LED art. no. 350963

12 V connection. Kit consists of:
W-MAY plug connector
Power supply within centre pole
Power supply unit (PSU) for max. 20 LED bars, installed on the outdoor wall or inside the house
LED bar, warm white

quantity art. no.
1 350930
1 200369
1 350271
6 350274

Kit A 8LED art. no. 350964

12 V connection. Kit consists of:
W-MAY plug connector
Power supply within centre pole
Power supply unit (PSU) for max. 20 LED bars, installed on the outdoor wall or inside the house
LED bar, warm white

quantity art. no.
1 350930
1 200369
1 350271
8 350274

Kit A 10LED art. no. 350965

12 V connection. Kit consists of:
W-MAY plug connector
Power supply within centre pole
Power supply unit (PSU) for max. 20 LED bars, installed on the outdoor wall or inside the house
LED bar, warm white

quantity art. no.
1 350930
1 200369
1 350271
10 350274

Kit A 12LED art. no. 350966

12 V connection. Kit consists of:
W-MAY plug connector
Power supply within centre pole
Power supply unit (PSU) for max. 20 LED bars, installed on the outdoor wall or inside the house
LED bar, warm white

quantity art. no.
1 350930
1 200369
1 350271
12 350274

Infrared heaters + slim lights

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

Alternatively, plug connector S1, art. no. 350107 can be used.

Kit A 6 4A art. no. 202066

400 V connection. Kit consists of:

	quantity	art. no.
Power supply within centre pole	1	200369
Electrical harness	1	200566
Automatic auxiliary cut out switch	1	202051
Cabling, long (only possible along diagonal spokes)	4	200579
Swivelling holder	4	200577
Infrared heater	4	200408
Slim light 13 W	6	202090

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

Kit A 8 4A art. no. 350984

400 V connection. Kit consists of:

	quantity	art. no.
Power supply within centre pole	1	200369
Electrical harness	1	200566
Automatic auxiliary cut out switch	1	202051
Cabling, long (only possible along diagonal spokes)	4	200579
Swivelling holder	4	200577
Infrared heater	4	200408
Slim light 13 W	8	202090

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

Kit A 6 4Z art. no. 350061

400 V connection. Kit consists of:

	quantity	art. no.
Power supply within centre pole	1	200369
Electrical harness	1	200566
Automatic auxiliary cut out switch	1	202051
Cabling, short (Please state position intended)	4	200585
Swift-hold spar	4	200578
Infrared heater	4	200408
Slim light 13 W	6	202090

Kit A 8 4Z art. no. 350985

400 V connection. Kit consists of:

	quantity	art. no.
Power supply within centre pole	1	200369
Electrical harness	1	200566
Automatic auxiliary cut out switch	1	202051
Cabling, short (Please state position intended)	4	200585
Swift-hold spar	4	200578
Infrared heater	4	200408
Slim light 13 W	8	202090

Infrared heaters + LED lighting

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

Alternatively, plug connector S1, art. no. 350107 (400 V) can be used together with W-MAY plug connector, art. no. 350930 (12V).

Kit A 6LED 4A art. no. 350978

12 V + 400 V connection. Kit consists of:

	quantity	art. no.
Power supply within centre pole	1	200369
Electrical harness	1	200566
Automatic auxiliary cut out switch	1	202051
Cabling, long (only possible along diagonal spokes)	4	200579
Swivelling holder	4	200577
Infrared heater	4	200408
Power supply unit (PSU) for max. 20 LED bars, installed on the outdoor wall or inside the house	1	350271
LED bar, warm white	6	350274

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

Kit A 8LED 4A art. no. 350980

12 V + 400 V connection. Kit consists of:

	quantity	art. no.
Power supply within centre pole	1	200369
Electrical harness	1	200566
Automatic auxiliary cut out switch	1	202051
Cabling, long (only possible along diagonal spokes)	4	200579
Swivelling holder	4	200577
Infrared heater	4	200408
Power supply unit (PSU) for max. 20 LED bars, installed on the outdoor wall or inside the house	1	350271
LED bar, warm white	8	350274

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

Kit A 6LED 4Z art. no. 350979

12 V + 400 V connection. Kit consists of:

	quantity	art. no.
Power supply within centre pole	1	200369
Electrical harness	1	200566
Automatic auxiliary cut out switch	1	202051
Cabling, short (Please state position intended)	4	200585
Swift-hold spar	4	200578
Infrared heater	4	200408
Power supply unit (PSU) for max. 20 LED bars, installed on the outdoor wall or inside the house	1	350271
LED bar, warm white	6	350274

Kit A 8LED 4Z art. no. 350981

12 V + 400 V connection. Kit consists of:

	quantity	art. no.
Power supply within centre pole	1	200369
Electrical harness	1	200566
Automatic auxiliary cut out switch	1	202051
Cabling, short (Please state position intended)	4	200585
Swift-hold spar	4	200578
Infrared heater	4	200408
Power supply unit (PSU) for max. 20 LED bars, installed on the outdoor wall or inside the house	1	350271
LED bar, warm white	8	350274

LED lighting + tubular motor

Please order radio transmitter separately.

Kit A 4LED M art. no. 350967

12 V + 230 V connection. Kit consists of:	quantity	art. no.
W-MAY plug connector	1	350930
H1-MAY plug connector	1	350931
Power supply within centre pole	1	200369
Electrical harness	1	350933
Power supply unit (PSU) for max. 4 LED bars, installed on the outdoor wall or inside the house	1	350270
LED bar, warm white	4	350274
Tubular motor	1	202112

Kit A 6LED M art. no. 350968

12 V + 230 V connection. Kit consists of:	quantity	art. no.
W-MAY plug connector	1	350930
H1-MAY plug connector	1	350931
Power supply within centre pole	1	200369
Electrical harness	1	350933
Power supply unit (PSU) for max. 20 LED bars, installed on the outdoor wall or inside the house	1	350271
LED bar, warm white	6	350274
Tubular motor	1	202112

Kit A 8LED M art. no. 350969

12 V + 230 V connection. Kit consists of:	quantity	art. no.
W-MAY plug connector	1	350930
H1-MAY plug connector	1	350931
Power supply within centre pole	1	200369
Electrical harness	1	350933
Power supply unit (PSU) for max. 20 LED bars, installed on the outdoor wall or inside the house	1	350271
LED bar, warm white	8	350274
Tubular motor	1	202112

Kit A 10LED M art. no. 350970

12 V + 230 V connection. Kit consists of:	quantity	art. no.
W-MAY plug connector	1	350930
H1-MAY plug connector	1	350931
Power supply within centre pole	1	200369
Electrical harness	1	350933
Power supply unit (PSU) for max. 20 LED bars, installed on the outdoor wall or inside the house	1	350271
LED bar, warm white	10	350274
Tubular motor	1	202112

Kit A 12LED M art. no. 350971

12 V + 230 V connection. Kit consists of:	quantity	art. no.
W-MAY plug connector	1	350930
H1-MAY plug connector	1	350931
Power supply within centre pole	1	200369
Electrical harness	1	350933
Power supply unit (PSU) for max. 20 LED bars, installed on the outdoor wall or inside the house	1	350271
LED bar, warm white	12	350274
Tubular motor	1	202112

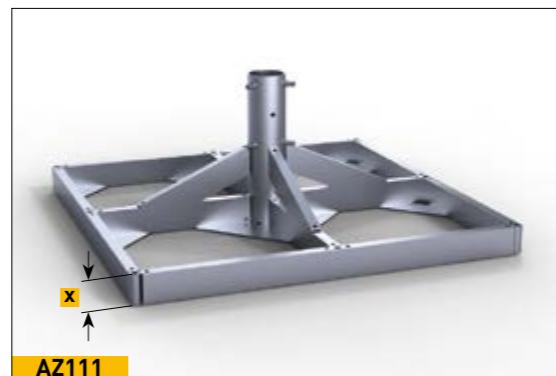


ALBATROS – mobile installation options

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. 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. Suited for XZ49 or standard concrete slabs 50 x 50 x 5 cm (concrete slabs with cut off edge).

art. no. AZ112



* NEW!

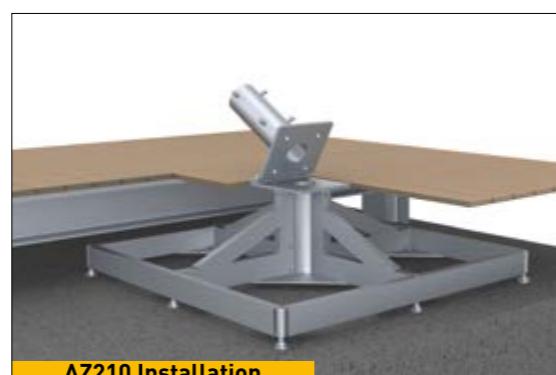
Full frame pedestal with placement hinge

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. Suited for XZ49 or standard concrete slabs 50 x 50 x 5 cm (concrete slabs with cut off edge). Custom-made pedestals (not available on stock).

art. no. AZ210



AZ112 Installation



AZ210 Installation

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. 28 kg, total weight approx. 112 kg.

art. no. XZ49

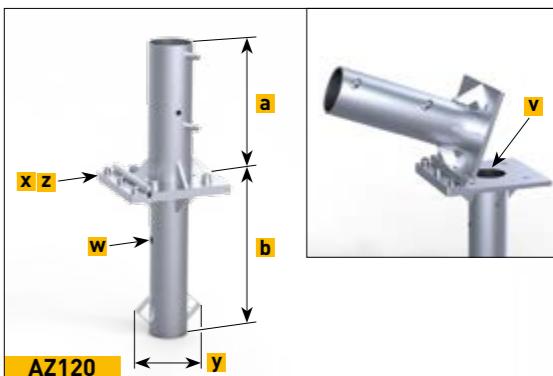


ALBATROS – stationary installation options

Anchor foot to be embedded in concrete with placement hinge

2 pieces, theft pin as standard fitting, galvanized, weight approx. 20,5 kg. Pre-drill parasol with anchor foot on site. v = bore for power cable through centre post Ø 8.5 cm. w = bore hole for underground cable Ø 1.3 cm. a = 36 cm, b = 41 cm, x = 24 cm, y = 27.3 cm, z = 14.5 cm

art. no. AZ120



AZ120 Installation



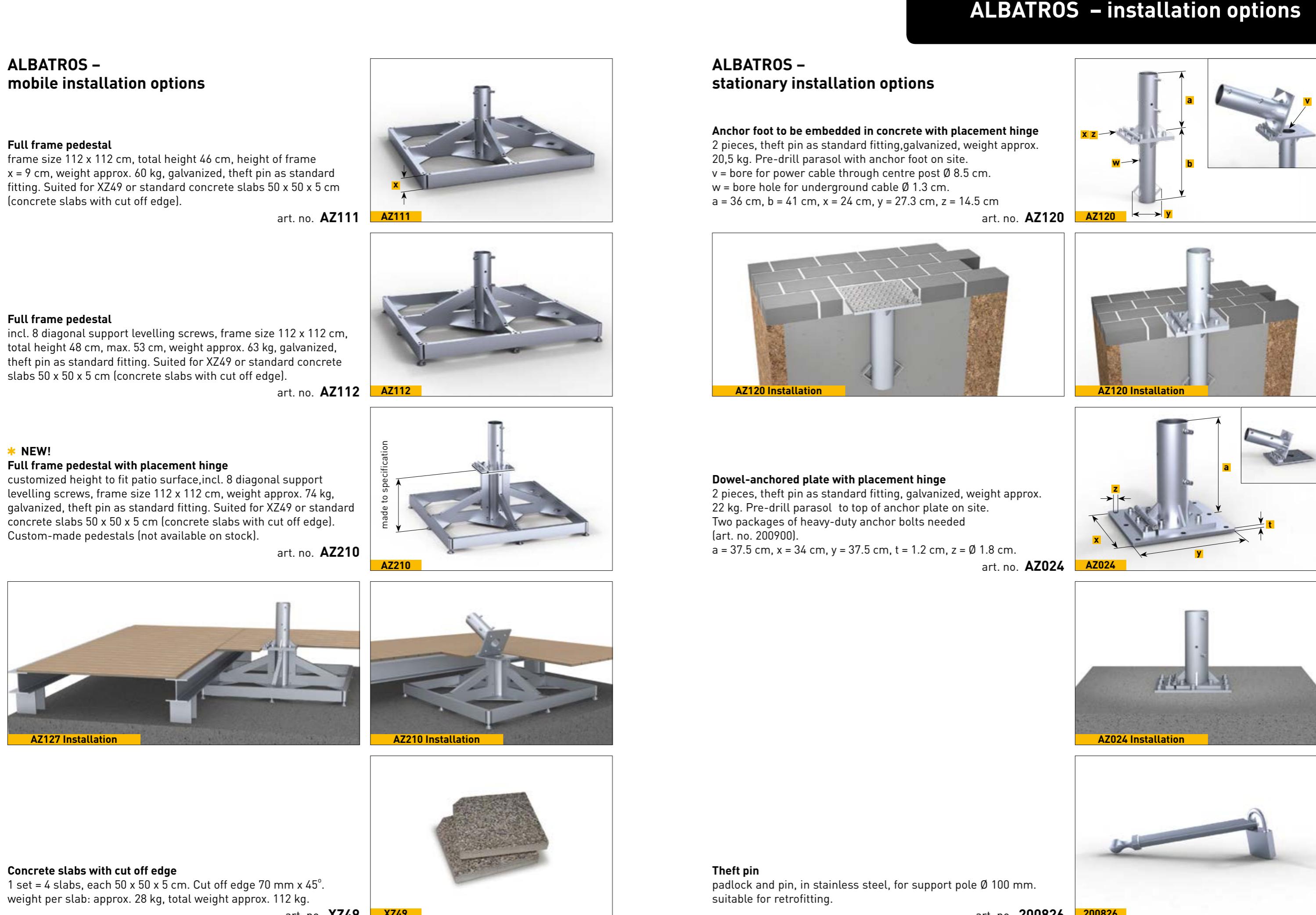
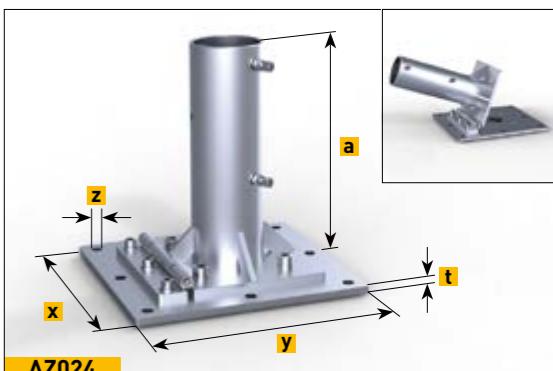
AZ120 Installation

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).

a = 37.5 cm, x = 34 cm, y = 37.5 cm, t = 1.2 cm, z = Ø 1.8 cm.

art. no. AZ024



AZ024 Installation

Theft pin

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

art. no. 200826



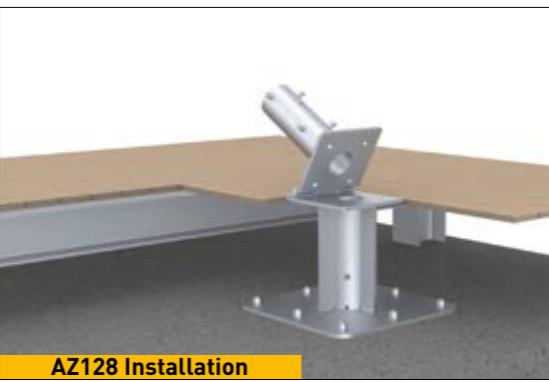
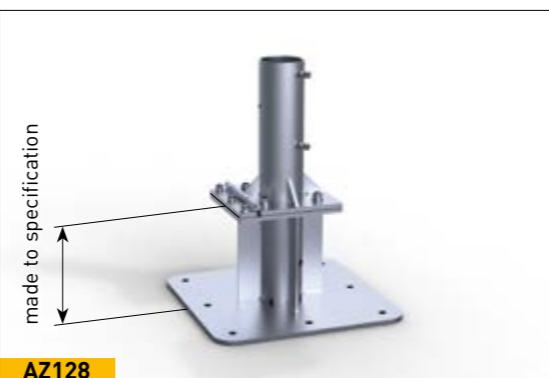
ALBATROS – stationary installation options

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. Pre-drill parasol to top of anchor plate on site. Two packages of heavy-duty anchor bolts needed (art. no. 200900).

Custom-made (not available on stock).

art. no. **AZ128**



AZ128 Installation

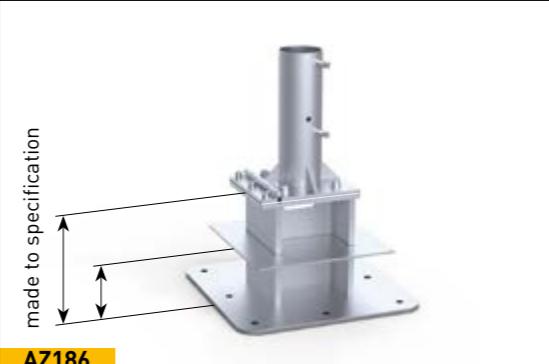
* NEW!

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, galvanized, anchor plate 50 x 50 cm. Pre-drill parasol to top of anchor plate on site. Two packages of heavy-duty anchor bolts needed. (art. no. 200900).

Custom-made (not available on stock).

art. no. **AZ186**



AZ186 Installation

Anchor bolt

bolt and nut, fits for AZ024, AZ128 and AZ186 (2 packages needed) approved for cracked and non-cracked concrete B25 to B55 (old compressive strength classes) C20/25 bis C50/60, (new EU classification), 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**

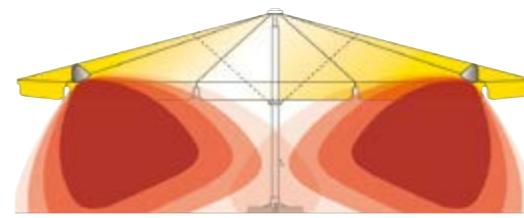


Premium parasol equipment for patios and smoking areas.

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!

Optimal heat range

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



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.

Every parasol equipped with heaters has been carefully tested and legalized. If requested, an automatic parasol closure cut-out switch can be installed.

Up-to-date energy efficiency

In view of running electricity costs, our parasol concept is the ideal solution: approx. 90% heat output, i.e. about 30% energy-saving compared with conventional systems. To avoid wasting electricity, each infrared heater can be activated individually with a case-mounted switch. A timer switch is an ideal way of saving energy in smoking areas. The customer simply presses the pushbutton and the heat is turned off after about 15 minutes.

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.



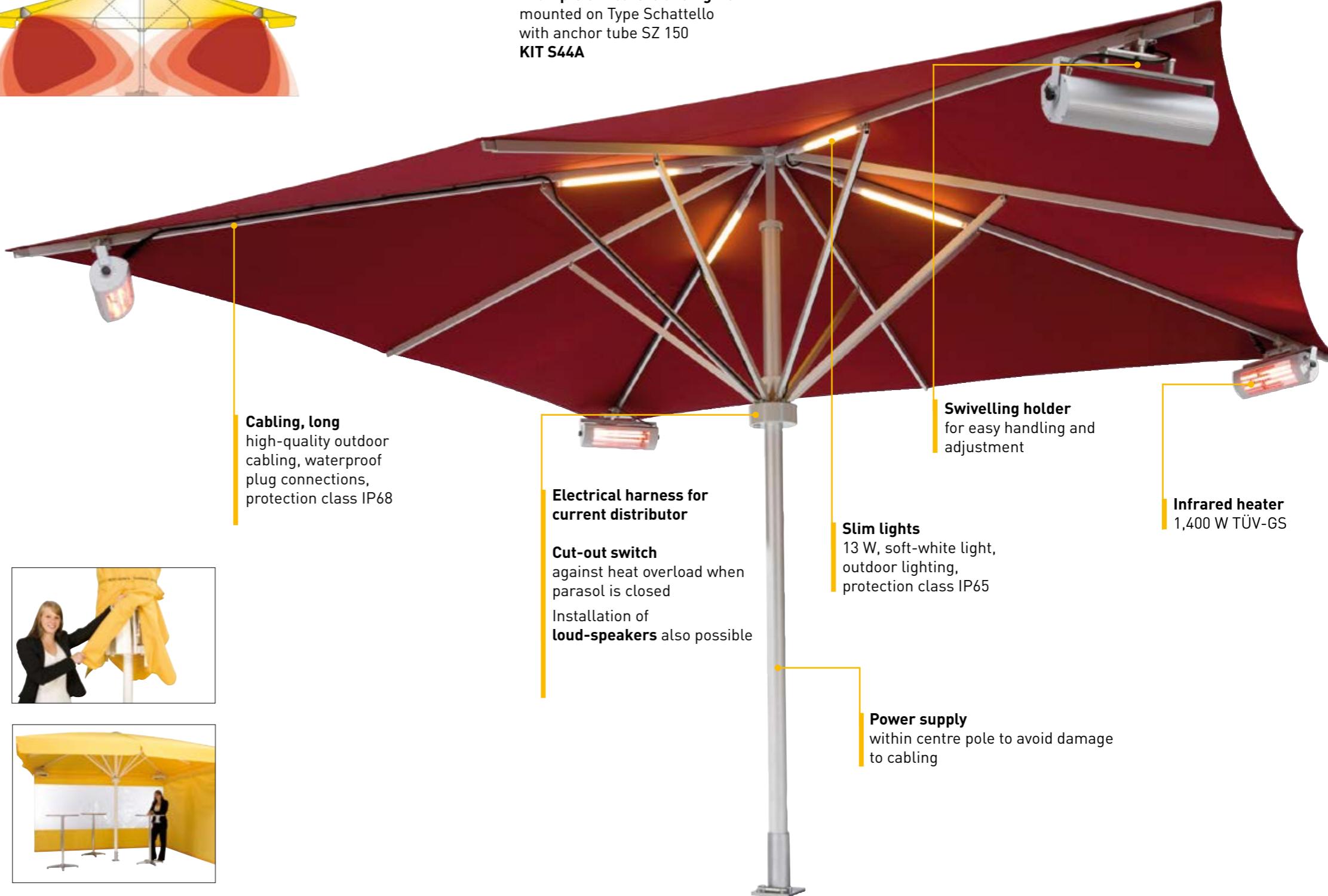
Wind shelter for smoking areas

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. cf. Page 132 onward.



Example of heaters and lights

mounted on Type Schattello
with anchor tube SZ 150
KIT S44A



Customized options and kit components

Compile your very own parasol equipment. As you can see from the list opposite, the kit components cover 8 main aspects.

For a made-to-measure solution just choose the equipment items that best suit your specific requirements.

- 1. Power supply**
- 2. Current distribution**
- 3. Mounting of heaters**
- 4. Infrared heaters**
- 5. Safety and energy-saving options**
- 6. Slim lights**
- 7. LED lighting**
- 8. Stereo loud-speakers**



SZ150

1. Power supply

Anchor tube with placement hinge art. no. SZ150

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 installation easy. There is no risk of damaging cables. Cf. Page 94.

W-MAY plug connector art. no. 350930

Connects the power supply within the centre pole (cf. 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. Clamping area of underground cable: 10 – 14 mm. IP68, 3-pole, 250 V, 20 A, -40 °C to 100 °C. Colour: black.



350930

S1-MAY plug connector art. no. 350107

Connects the power supply within the centre pole (cf. 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 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 by soldering or crimping wires 2.5 – 4.0 mm². Clamping area of underground cable: Ø 14.0 mm to Ø 17 mm. IP66, 6-pole, 400 V, 30 A, - 20 °C to 130 °C.



350107

Schattello and Albatros:

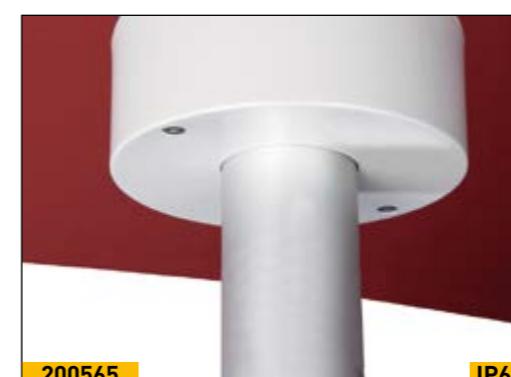
Due to lack of sufficient space, the following 2 plug connectors - W-MAY and S1-MAY - cannot be inserted together in the parasol centre pole. Should it become necessary to run 2 cables in one pole (e.g. additional cables for loud-speakers), one of the cables must be fixed firmly, for example, with a lustre terminal and shrink tubing.



200582

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.



200565

IP65

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 200566

Cabling

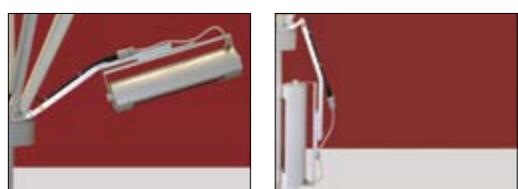
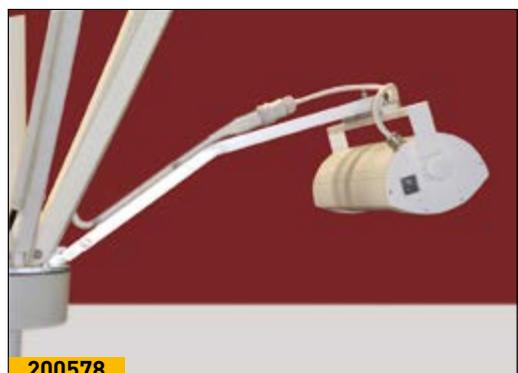
Current is run directly from the electrical harness to the heater via special plug connectors to VDE rubber-sheathed cables. This material is safer and more durable for outdoor use than PVC.

Cabling, long art. no 200579

for swivelling holder art.no. 202040 (Schattello) and art. no. 200577 (Albatros).

Cabling, short art. no 200585

for swift-hold 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

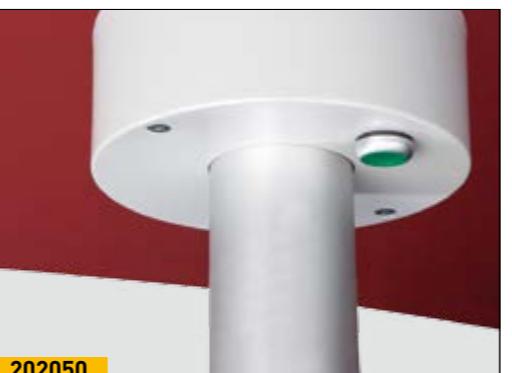
Not suitable for Ø 4 m, Ø 5 m, 2 x 2 m, 2.5 x 2.5 m, 3.5 x 3.5 m, 2 x 4 m, 2.5 x 3.5 m, 4 x 4 x 4 m and 6 x 6 x 6 m with valance.
Alternative: opt for swift-fold spar, art. no 200578.

Swivelling holder Albatros art. no 200577

Not suitable for 3 x 6m, 3.5 x 7 m with valance, 4 x 6 m, 4 x 8 m with valance and 5 x 5.85 m with valance. Alternative: opt for swift-fold spar, art. no 200578.

Swift-fold spar art. no 200578

Whenever there is not enough space for swivelling holders, swift-fold spars are a welcome alternative. They are screwed directly on the distribution flange and can be folded down individually before parasol closure. Due to an integrated rotating coupler, it is not necessary to dismantle the heaters beforehand.



4. Infrared heaters

Infrared radiant heater 1.400 W art. no 200408

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 and are TÜV-tested.

With W-MAY plug; 230 V, 50 Hz, TÜV-GS, splash-proof IP 24 (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 sunshade 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 art. no 202050

You wish to minimize running costs in the smoking area? Your customers can activate each heater for 15 minutes by just pressing the pushbutton.
A small button - an enormous (saving) effect.

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

2700° 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 36 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.

A standard 12 V dimmer switch enables you to dim both power supply units from 0 % to 100 %. It is best to keep it in a handy place in the house, so that, with the help of a potentiometer, the light can be dimmed as required at any time.

PSU for 4 LED bars art. no. 350270

For the use of max. 4 LED bars on the parasol (each 12VDC/0.5A). IP64; 90-260VAC 50/60Hz input; 12VDC/2.5A output; internally dimmable: -25 %; temperature -20° to +50 °C; air-cooled.

Schattello:

Mounted on the telescopic tube at the factory. If a tubular motor is to be used, the 4-connection power supply unit must be installed on the outside wall or inside the house. In that case an additional 12V supply cable is needed for the parasol.

Albatros:

Installed in the electrical harness (art. no. 200566 extra order).

The combination "Heaters + loudspeakers + LED lighting" is only possible with a 400 Volt supply cable. Moreover, in this case, a maximum of 4 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

For the use of max. 20 LED bars on the parasol (each 12VDC/0.5A). The 20-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. IP65; 90-270VAC 50/60Hz input; 12VDC/11A output; internally dimmable: 10 - 100%; temperature -30° bis +70 °C; air-cooled.

Schattello + Albatros:

The 20-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.

General information on the 4-connection and 20-connection power supply units.

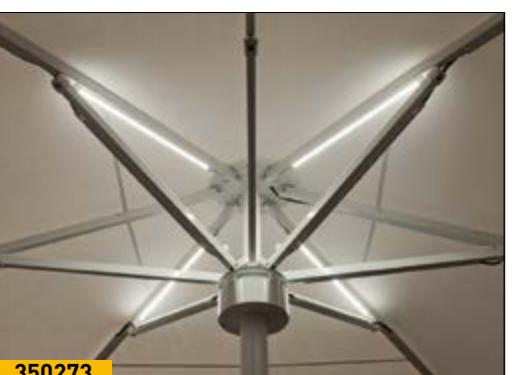
A standard 12 V dimmer switch enables you to dim both power supply units from 0 % to 100 %. It is best to keep it in a handy place in the house, so that, with the help of a potentiometer, the light can be dimmed as required at any time.

LED bar, warm white art. no. 350272

3'000-3'500° K; 36 LEDs; 12VDC/0.5A; LEDs power- controlled, fitted onto spoke

LED bar, cold white art. no. 350273

6'000-6'500° K; 36 LEDs; 12VDC/0.5A; LEDs power -controlled, fitted onto spoke



8. Stereo loud-speakers

art. no. 202080

Let your customers enjoy background music softly playing from two top -performance 8- Watt loud-speakers that are neatly incorporated in the electrical harness. This ingenious design concept is not only elegant and inconspicuous, it is also weather-protected and theft-proof. No need to detach the speakers when closing the parasol.

If only one parasol is to be fitted with an audio system, a stereo output with 8 Ohm loudspeaker impedance each is needed. For several parasols, the switching of the loudspeakers will have to be adjusted individually. The most relevant factors for the installation are the technical data of the hi-fi system and the position of the parasols. Please note that the use of 100V transformers may become necessary (approx. EUR 30.00 per parasol).

Audio cables are run through the centre of the support mast into the anchor tube.



Guide to IP protection classification

Safety instructions:

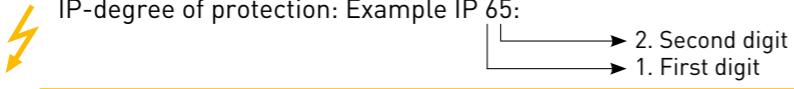
Dimensioning and installation of electrical leads must be carried out by a certified electrician only.

Always protect your parasol with RCD and automatic cut-out.

Protection level of electrical components:

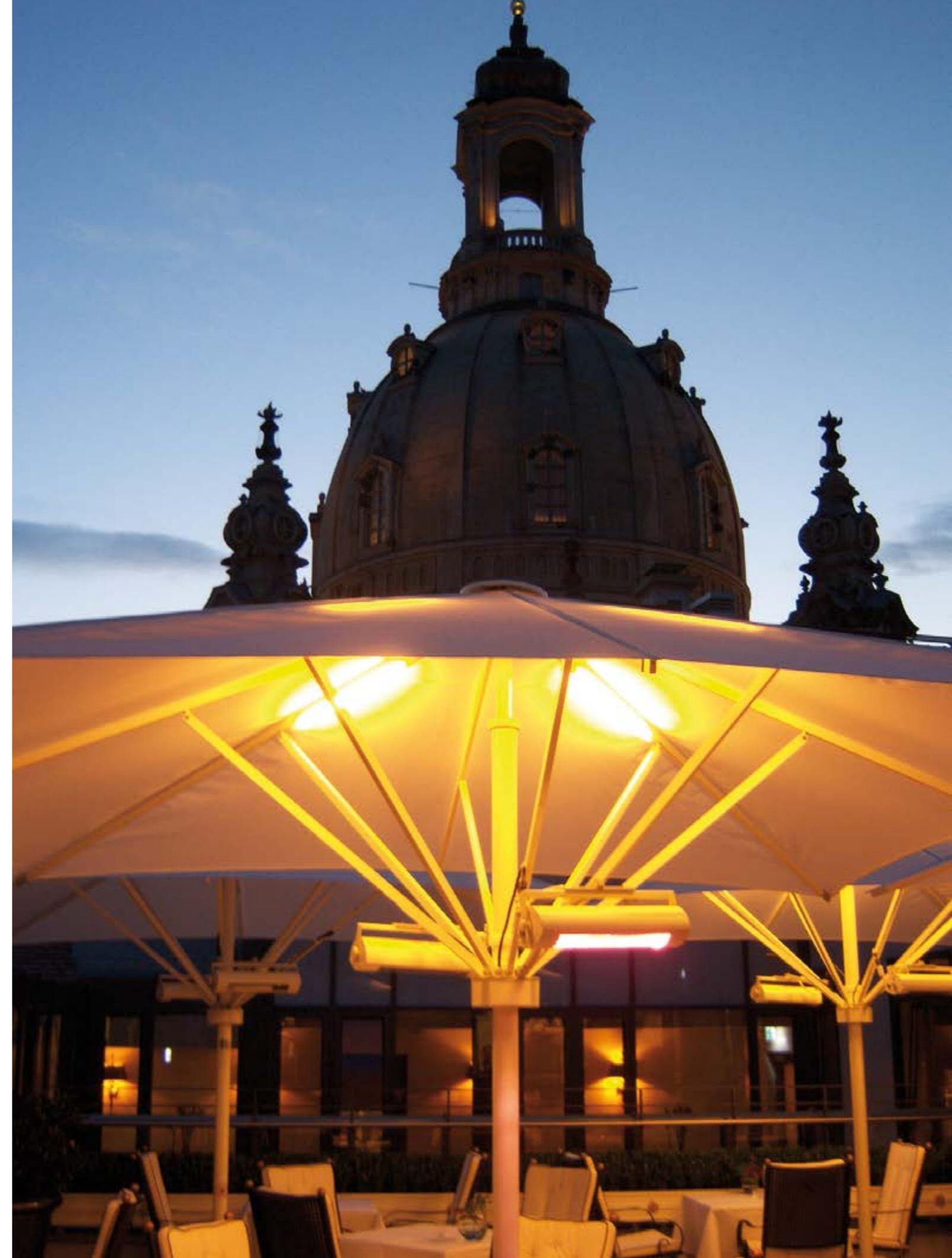
The quality of an electrified parasol largely depends on its level of protection. Think, for example, of squirting champagne or any similar unpredictable festivity occurrence and you will agree that "prevention is better than cure". The standard DIN EN 60529 titles so-called international protection (IP) classes.

IP-degree of protection: Example IP 65:



1. First digit:	
IP-degree:	Protection against contact
0	no protection
1	large-area parts of the body (e.g. back of the hand)
2	finger
3	tools and wires ($\varnothing > 2.5$ mm)
4	tools and wires ($\varnothing > 1$ mm)
5	complete protection against contact
6	complete protection against contact

2. Second digit:	
IP-degree:	Water
0	no protection
1	protection against vertically falling drops of water
2	protection against drops of water coming from an angle of up to 15°
3	protection against spraying water hitting the vertical surface from an angle of up to 60°
4	protection against water splashing from all directions
5	protection against jets of water
6	protection against strong jets of water
7	protection against temporary submersion in water
8	protection against long periods of submersion in water



5-star superior Hotel Suitess in Dresden, facing the Church of Our Lady

Customized design with side sheets

Side sheets provide all-weather protection and ward off side-winds. The Polyester 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.

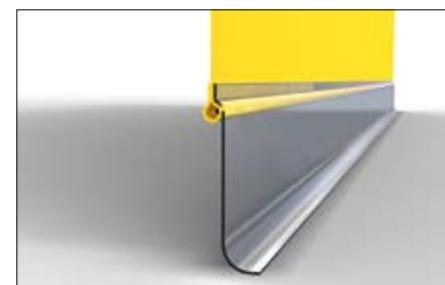
- All side sheets are of MayTex-Poly material.
- We recommend opting for parasols with valances if side sheets are to be used. Thus draughts through the space between the canopy and the side sheets can be avoided.

- Side sheets are fastened to the end of the spokes with specific holders.

It will therefore be necessary to order holders number FA141, SA140 or AA141, depending on your parasol type.



Side sheet holder



Variable bottom end of side sheet



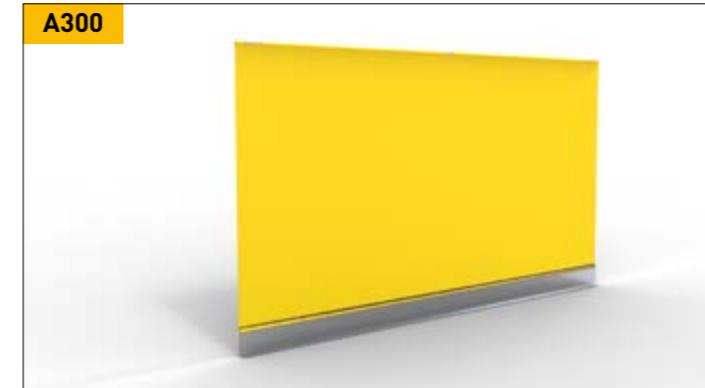
Aluminium rod in textile pocket



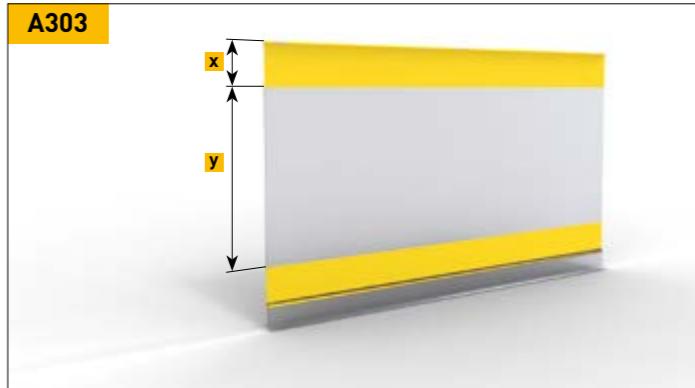
Installation of side sheet variations B and A

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

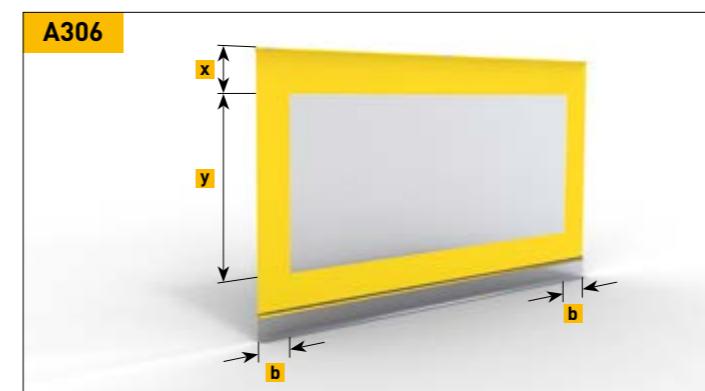
The side sheets shown below extend across one side of the parasol and are fastened to the spokes.



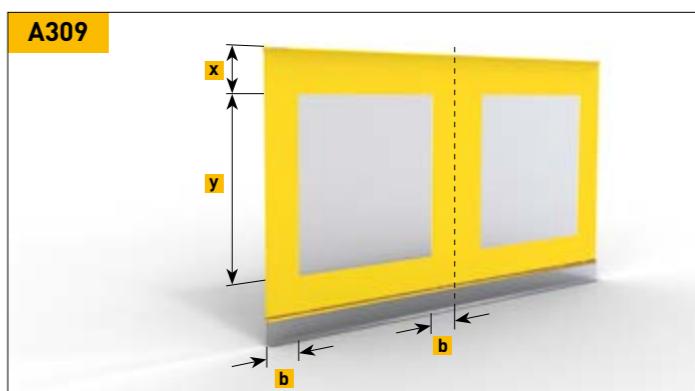
Side sheet without windows



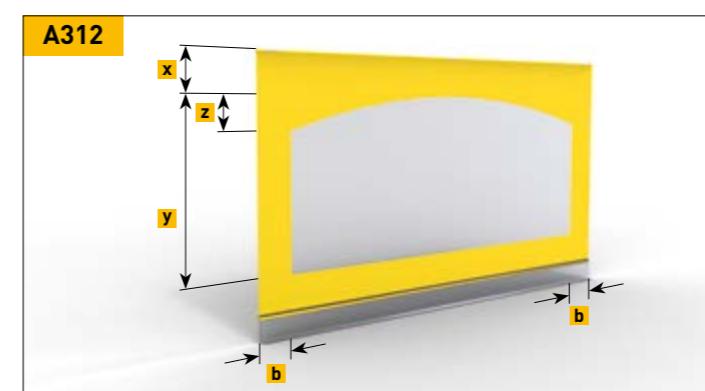
Side sheet with continuous light belt



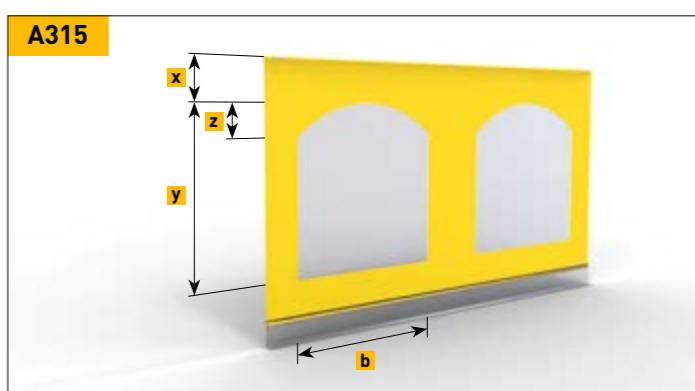
Side sheet with one window across one side



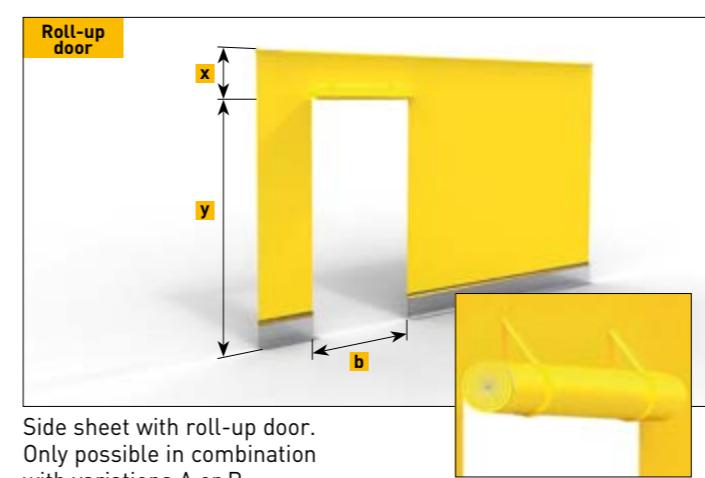
Side sheet with one window per segment



Side sheet with one arched window across one side



Side sheet with one arched window per segment



Side sheet with roll-up door.
Only possible in combination
with variations A or B.

	x in cm	y in cm	z in cm	b in cm
A303	35	135	-	-
A306	35	135	-	30
A309	35	135	-	30
A312	35	135	25	30
A315	35	135	25	120
Roll-up door	35	200	-	100

MayTex-Acryl with Texgard impregnation

- 100% branded acrylic fibre, spun-dyed, weight approx. 300 g/m²
- high water tightness and water pressure resistance - 37 hPa (water column 370 mm)
- weather-proof, high and low temperature resistant
- rot-resistant
- effective protection against oil, grease, mildew and algae, industrial pollution, exhaust fumes and other negative environmental factors
- extremely high light and colour fastness
- tested acc. to Öko-Tex standard 100 as well as UV standard 801
- suitable for screen-printing



SA 314 010 white



SA 314 018 white/grey knopped



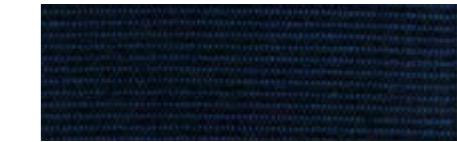
SA 314 008 ochre



SA 314 763 bordeaux



SA 314 011 royal blue



SA 314 271 navy blue/black



SA 314 033 ivory



SA 314 580 white/yellow, grey knopped



SA 314 014 mandarin



SA 314 362 dark green



SA 314 006 sapphire



SA 314 154 black



SA 314 325 ecru



SA 314 583 white/yellow, grey knopped



SA 314 019 terracotta



SA 314 257 green/black



SA 314 414 navy blue



SA 314 044 grey/white



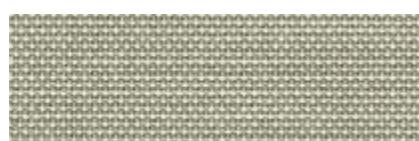
SA 314 045 pyrite



SA 314 002 orange

Colour Fashion Collection 26

MayTex-Acryl with Texgard impregnation



SA 314 364 telegrey/white



DA 7560 light yellow



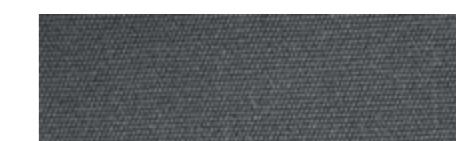
SA 314 001 cherry



SA 314 016 dark brown



DA 8779 olive brown



DA 8203 blue basalt



SA 314 471 silver-grey/dark brown knopped



SA 314 003 yellow



SA 314 347 ruby



DA 7559 taupe



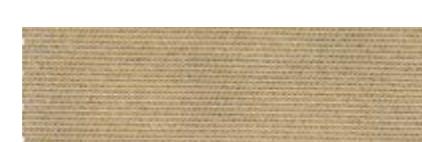
SA 314 546 blue patina



SA 314 624 green patina



SA 314 344 multi-color



SA 314 038 beige



SA 314 022 rust

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.

MayTex-Poly

- 100% Polyester (PES) one side acrylic-coated
- dirt and water repellent thanks to Teflon finish
- high water penetration and pressure resistance
- 70 hPa (water column 700 mm)

- good light and weather fastness (UV resistance)
- high tear and tensile strength
- light weight of approx. 200 g/m²
- UV801-tested



9577 white



9526 bright yellow



9793 blue



9823 ivory



9527 orange



9545 navy blue



9875 cream



9671 red



9710 dark green



9816 sand



9878 terracotta



9653 grey



9879 bordeaux



9853 black



9675 cherry



00 white



20 ivory



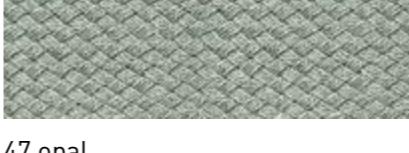
10 pyrite



11 beige



52 nature



47 opal



18 silver



32 yellow



15 ochre



148 terracotta



81 orange



82 red



85 cherry



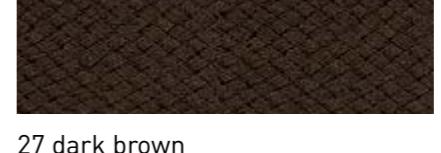
86 bordeaux



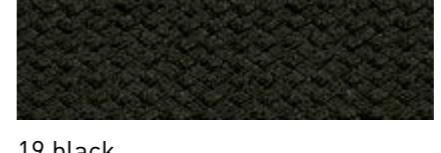
83 rust



25 light brown



27 dark brown



19 black



79 mandarin



63 blue



62 royal blue



66 sapphire



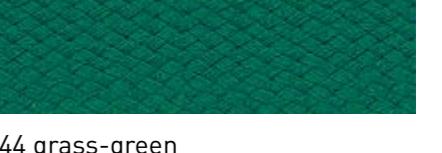
91 navy blue



42 lime



45 olive



44 grass-green



95 dark green

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

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.

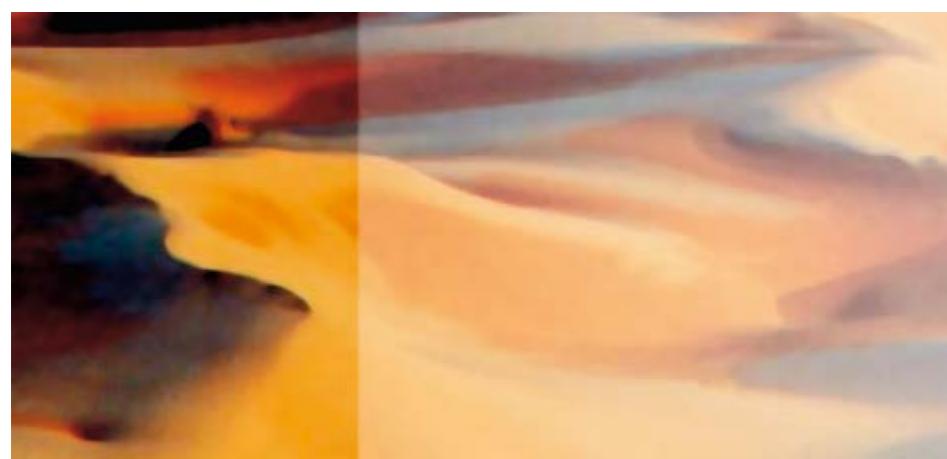
The textile finishing of a parasol canopy – i.e. the awning fabric – is not only the most important and most conspicuous feature of any sun protection system, it also fulfils numerous functions:



Harmony
through well-balanced colours.



Joie de vivre
through vibrant colours.



Inner peace
through natural shades of colour.

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

The most comprehensive range of upmarket classics and specialities. The awning 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.

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 awning 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. All the designs in our collection have been tested and certified according to the latest and most stringent standard UV 801.

	Sun Protection Factor	Effect on personal well-being
MayTex-Acryl UNI		
SA 314 001, SA 314 002, SA 314 003, SA 314 011, SA 314 014	(80)	•
SA 314 006, SA 314 008, SA 314 016, SA 314 019 SA 314 022, SA 314 038, SA 314 044, SA 314 045, SA 314 154, SA 314 257, SA 314 271, SA 314 344, SA 314 347, SA 314 362, SA 314 364, SA 314 414, SA 314 546, SA 314 624, SA 314 763	(80)	•
SA 314 325, SA 314 471, SA 314 583	(80)	•
SA 314 010, SA 314 580, SA 314 018, SA 314 033	(40)	•
DA 7560	(60)	•
DA 7559, DA 8203	(60)	•
DA 8779	(40)	•
VALMEX MayTex-Poly	(80)	

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

Type	Characteristics	Reaction of the unprotected skin to 30 mins. radiation in June	The human skin's natural protection time	Protection time of the skin when shaded by a parasol
1	light skin, freckles, fair or red hair, blue or green eyes	always sunburn no tan	5-10 minutes	200-400 minutes 300-600 minutes 400-800 minutes
2	light skin, fair hair, blue or green eyes	always sunburn a slight tan	10-20 minutes	400-800 minutes 600-1200 minutes 800-1600 minutes
3	dark hair, blue eyes	slight sunburn a good tan	20-30 minutes	800-1200 minutes 1200-1800 minutes 1600-2400 minutes
4	dark skin, dark or black hair, brown eyes	no sunburn a good tan	ca. 45 minutes	ca. 1800 minutes ca. 2700 minutes ca. 3600 minutes
5	dark skin, black hair, dark eyes	no sunburn	ca. 60 minutes	ca. 2400 minutes ca. 3600 minutes ca. 4800 minutes
6	black skin, black hair, black eyes	no sunburn	ca. 90 minutes	ca. 3600 minutes ca. 5400 minutes ca. 7200 minutes

Product properties of awning 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. They should, however, not be cause for complaint.

Water/rain resistance

Acrylic awnings 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 awning 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 strap to prevent flapping.

Cleaning instructions

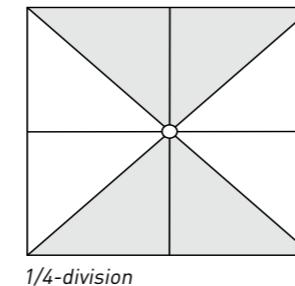
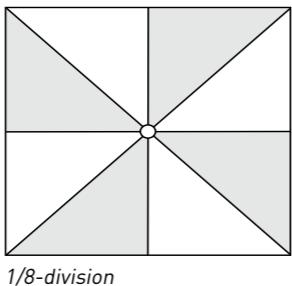
If requested, we will be pleased to forward our information sheet titled "Cleaning the awning fabric".

Characteristic features of our sewing yarn:

- high tensile strength
- optimum abrasion resistance
- well-balanced elongation property
- high thermal resilience
- good light and weather fastness
- tested acc. to Öko-Test Standard 100

Canopy covering

Canopy covers can be manufactured from the range of cloths described. If requested, we can also supply canopies with alternating segment colours (1/4 division or 1/8 division).



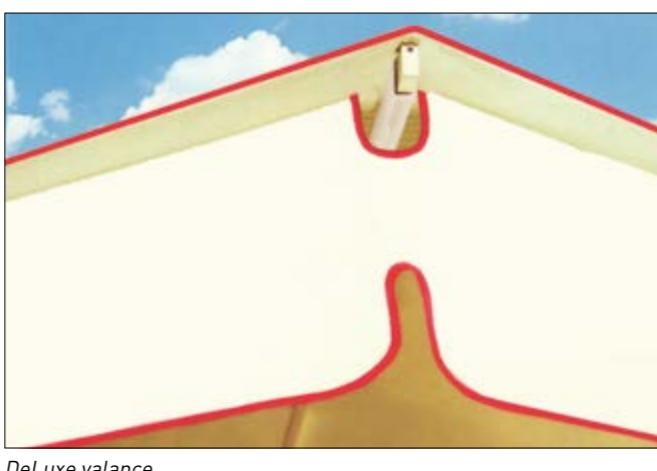
Bordering

The canopy covering is trimmed with high-quality awning acrylic edge binding (red in the photograph). If not specified otherwise, the border will be chosen to match the colour of the canopy fabric.



Valance DeLuxe

All-round in-vogue design. The recessed valance position prevents rainwater from flowing down over the advertising surface, i.e. no stains. Moreover, the valance can no longer be turned up by wind and rain. DeLuxe is the optimum solution for clearly visible, clean advertising. Please note that height measurements of SCHATTELLO and ALBATROS parasols with DeLuxe valances must be reduced by 10 cm.



The screw-in ground anchor has proven ideal for state-of-the-art foundations. No digging, no concreting necessary. Below: a chart showing that groundscrew installation is more time and cost efficient than concreting

Concreting

- Installation workers have to make two journeys because of waiting time for concrete to cure.
- concrete, gravel and water needed.
- soil excavation necessary.
- costs of excavation and disposal of spoil.
- cannot be relocated.
- surrounding area spoiled by excavation work.
- weather-dependent.

Ground screw installation

- Just one person comes to take a soil sample. The next time, the screw-in ground anchor is installed. No installation waiting-time.
- only the ground screw needed.
- installed with a special groundscrew driver.
- soil is only shaken up and shifted somewhat.
- relocation possible.
- surrounding area remains unspoiled.
- installation possible even in frosty ground.



National Garden Show 2011, Koblenz

Ground screw installation in 5 steps

approx. 30 minutes for steps 1-5



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 m screw-in ground anchor, a smaller, approx. 1.2 m screw must be driven into the ground and then removed again.



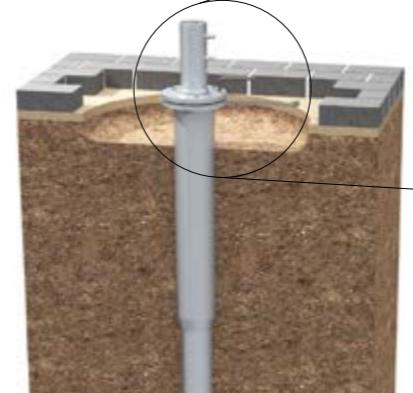
3. Installation

Drive the 2 m ground screw into the pre-drilled hole until it is flush with the ground. If several parasols are to be installed, use a levelling 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.



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

Screw-in ground anchor

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.

Elegance and Business

The in-vogue combination for successful on-site marketing

Print your ads on parasol valances and you will keep at eye level with your customers. Large-scale graphic designs on the parasol canopy serve as conspicuous advertising media – no matter from what angle you regard them.

And when the shade is closed in bad weather or in winter, just slip on a protective cover printed with ads of your choice to achieve an imposing off-season marketing effect.



All measurements in this catalogue are to be understood as approximate. Intermediate and special sizes on request. We reserve the right to make technical modifications to improve our products.

Summer, Sun – MAY

Please feel free to contact us for additional information.

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