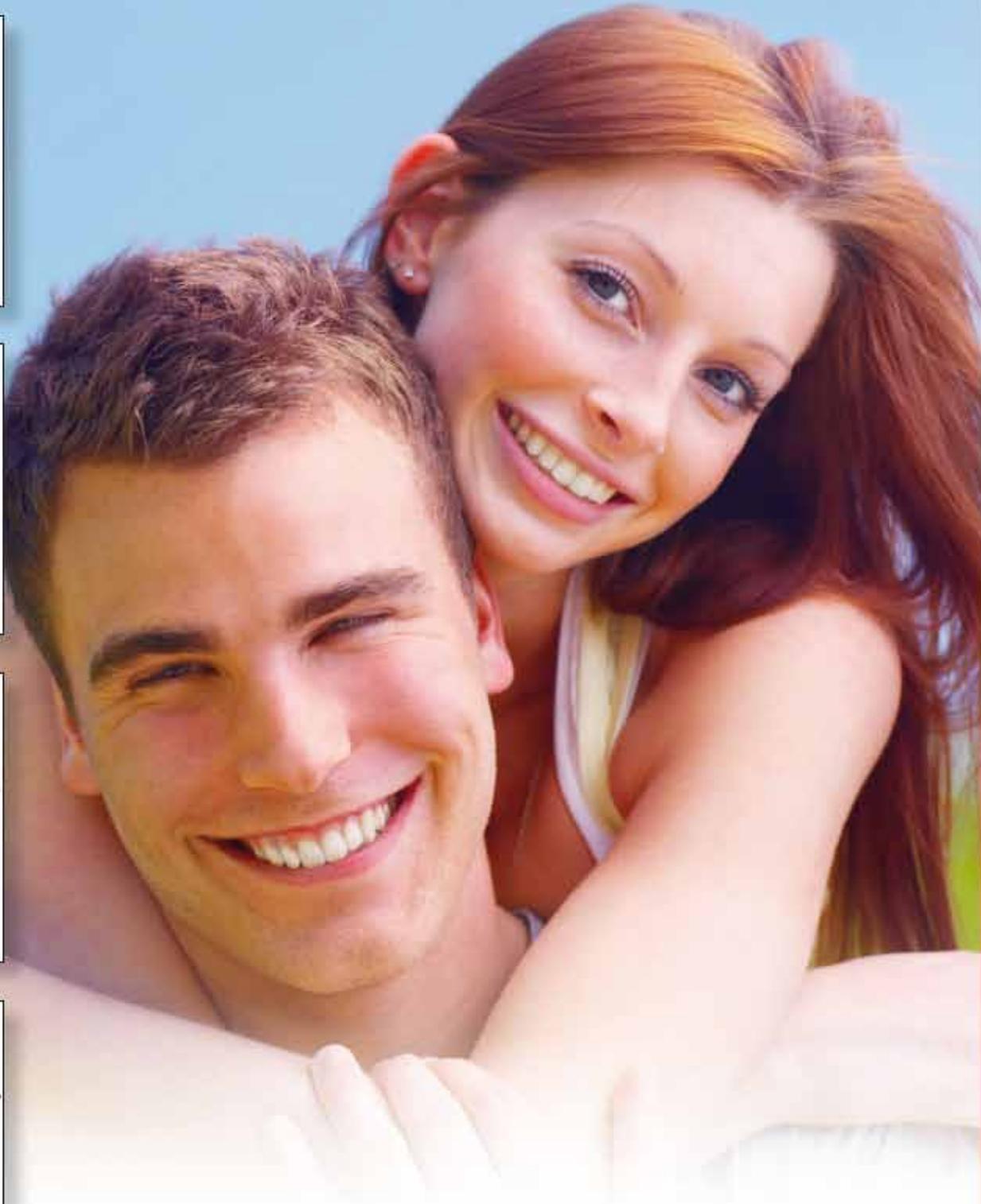


Summer, Sun – MAY



Contents



MEZZO



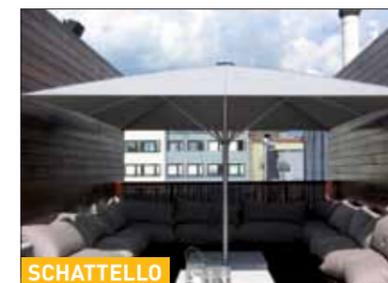
DACAPO



RIALTO



FILIUS



SCHATTELLO



ALBATROS

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Anton May, company founder

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 60 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.

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

- innovative
- flexible
- upmarket

MAY – shade systems made in Germany



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



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



For nearly 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 sunshades, 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 sunshades.

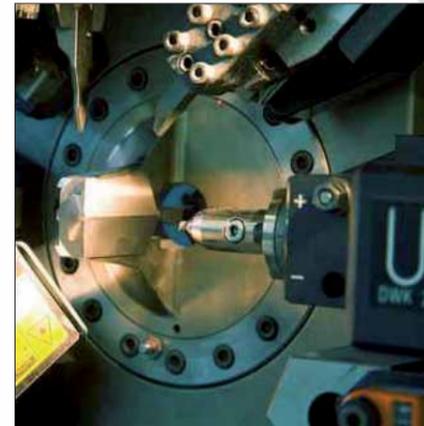
CAD construction of the mechanism of a MAY parasol



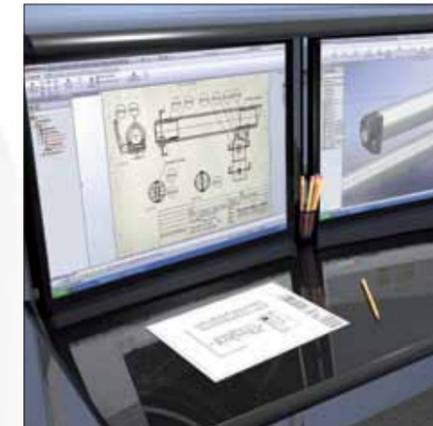
It's the small details that make a great difference.

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

MAY – shade systems made in Germany



Precision work in the CNC centre



Designing at a CAD work station



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



Sewing with finest handicraft

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.

Parasol shapes

- round
- square
- rectangular
- oval

Opening and closing mechanism

- screw tensioner
- crank drive

Valance options

- without valance
- straight valance

Canopy covering fabric

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

Awning and border colours

- 43 awning colours
- 30 binding tape colours

Frame colours

- white RAL 9010
- silver EV1

Type of support mast

Side-post

- Type MEZZO
- Type DACAPO
- Type RIALTO





The easy-to-handle side-post parasol

- optimal adjustability
- ergonomic handling
- stability while in use

MAY- shade systems
made in Germany



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 sunshades 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 RAL 9010 or silver RAL 9006.

Canopy covering

For fabrics and colours cf. Page 88 onward

Valance options

- without valance
- straight valance

When not in use

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

Installation options

- mobile
 - stationary
- cf. Page 18 onward



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.

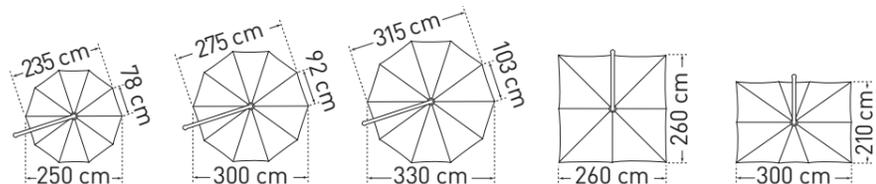


Ergonomic handling



Stability while in use

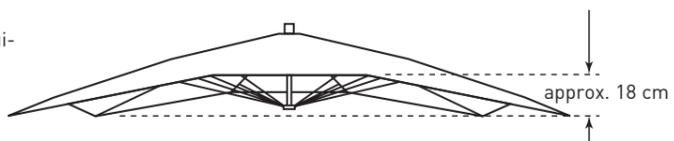




MEZZO MG standard model		Ø 2.5 m	Ø 3.0 m	Ø 3.3 m ¹⁾	2.6 x 2.6 m	2.1 x 3.0 m ²⁾
Segments		10	10	10	8	10
Area	m ²	5	7	8,5	6,75	6,25
A	without/with valance cm	193	182 / 172	200	209	195
B	without/with valance cm	253	251 / 241	269	268	261
C	without/with valance cm	339	359 / 369	405	372	351
D	without/with 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	kg	16	17	18	16	16
Q	Support pole diameter mm	outer Ø 55 (pole thickness 3)				
Packaging		rectangular cardboard box: 3 kg, l= 290 cm, w= 37 cm, h= 15 cm				

¹⁾ Additional pedestal weight may be required for windy locations (up-wind, 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)



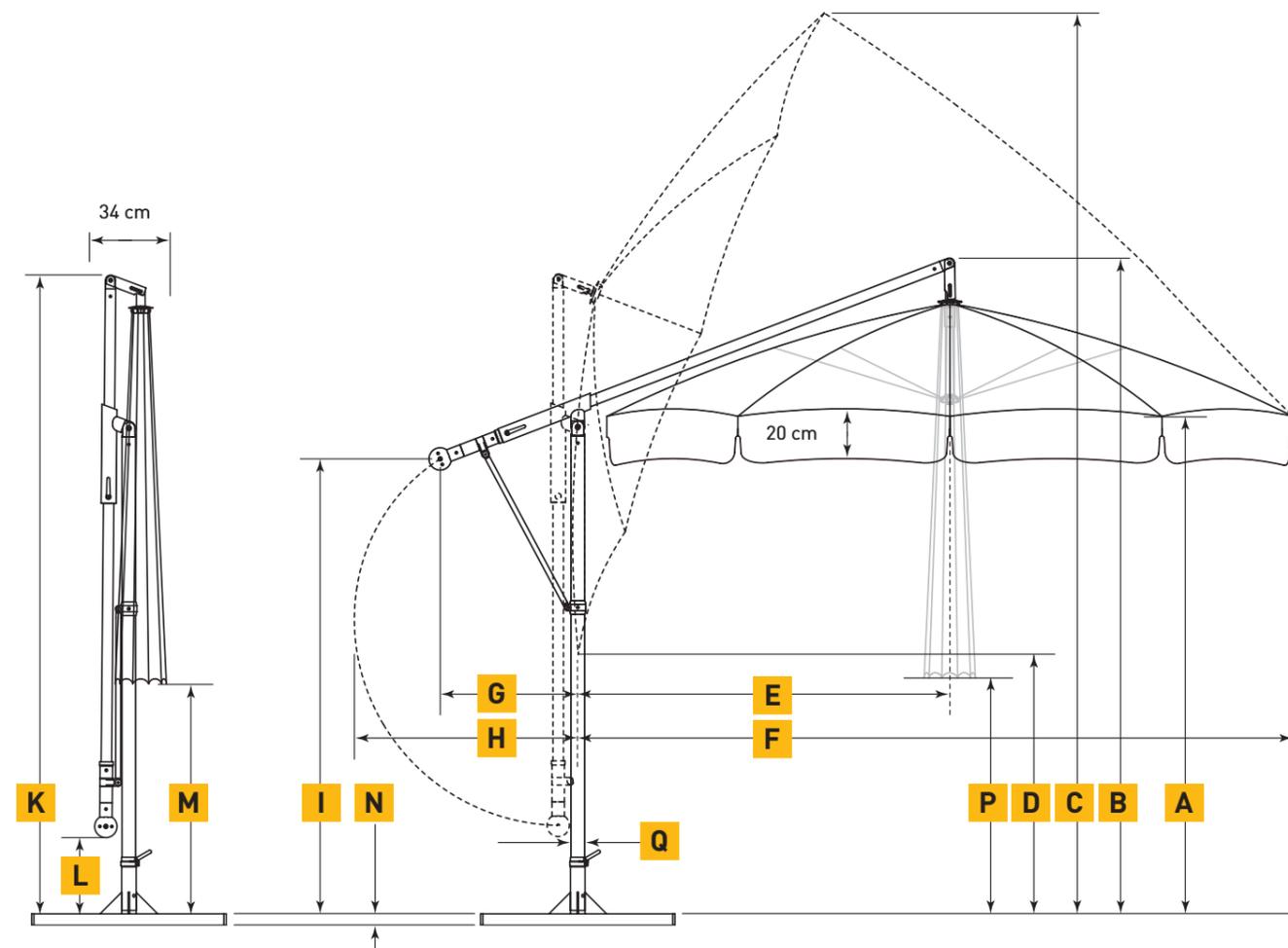
All measurements are to be understood as approximate.

N The heights specified are for sunshades that are mounted in anchor tube DMZ 118. The increase in height for parasols with other installation bases can be seen in the list below:

Cross pedestal:	DMZ 110 + 6 cm
Full frame pedestal:	DMZ 411 + 9 cm
Full frame pedestal:	DMZ 412 + 12 cm
Full frame pedestal:	DMZ 414 + 16 cm
Dowel-anchored plate:	DMZ 261 + 4 cm
Granite base:	DMZ 141 + 10 cm

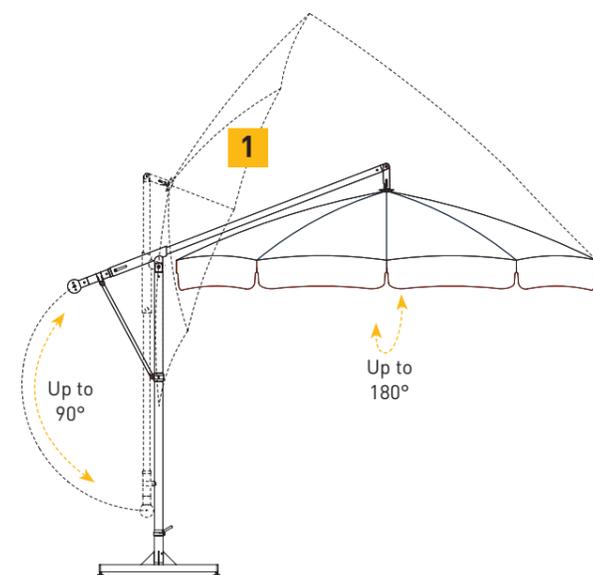
Minimum ballast required for mobile pedestals:
1 layer of concrete slabs 40 x 40 x 5 cm.

Size of installation base required for all sunshade sizes: 50 x 50 x 50 cm.
Base must be frost-proof and enlarged if the ground is unstable.



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



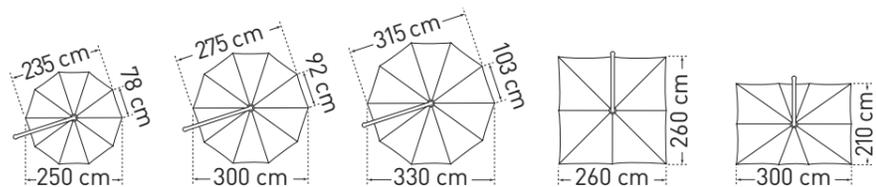
Double clamp for height adjustment



Up to 90°

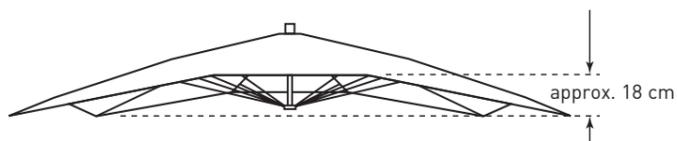
360°

Height adjustment of up to 35cm



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	max./min.	cm	188 / 222	176 / 210	198 / 163	217 / 182	191 / 156	
B	max./min.	cm	270 / 235	273 / 238	270 / 235	276 / 241	270 / 235	
C	max./min.	cm	357 / 322	370 / 335	408 / 373	380 / 345	358 / 323	
D	max./min.	cm	145 / 110	120 / 85	115 / 80	137 / 102	160 / 125	
E		cm	285	300	328	282	272	
F		cm	160	160	171	160	160	
G		cm	55	55	55	55	55	
H		cm	90	90	90	90	90	
I	max./min.	cm	200 / 165	200 / 165	200 / 165	200 / 165	200 / 165	
K	max./min.	cm	276 / 241	276 / 241	285 / 250	276 / 241	276 / 241	
L	max./min.	cm	46 / 11	46 / 11	46 / 11	46 / 11	46 / 11	
M		cm	117 / 82	110 / 75	100 / 65	77 / 42	80 / 45	
P	max./min.	cm	102 / 67	95 / 60	75 / 40	58 / 23	62 / 27	
	Weight	kg	18	19	20	18	18	
Q	Support pole diameter	mm	outer Ø 55 (pole thickness 3)					
	Packaging:		rectangular cardboard box: 3 kg, l= 270 cm, w= 37 cm, h= 15 cm					

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)



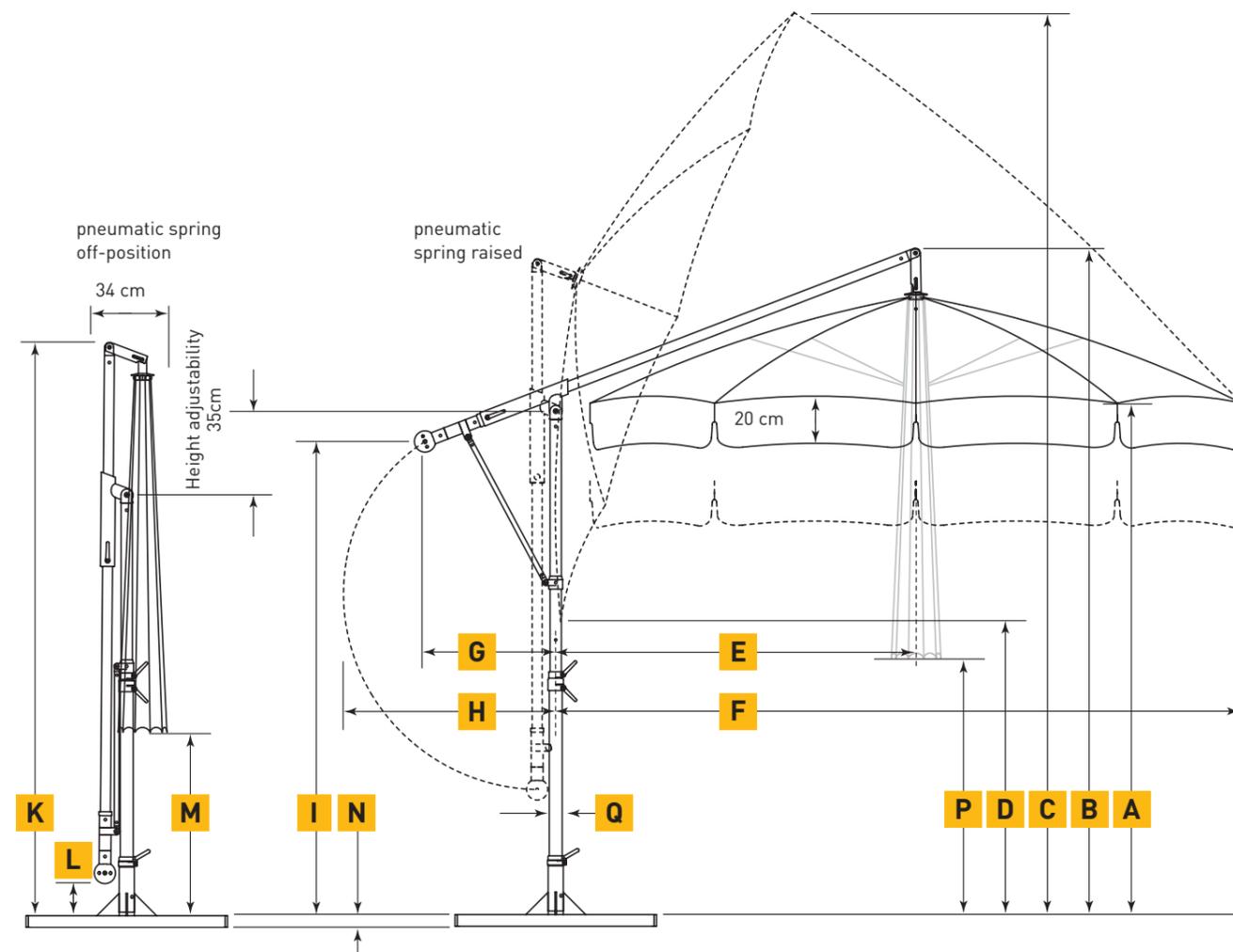
All measurements are to be understood as approximate.

N The heights specified are for sunshades that are mounted in anchor tube DMZ 118. The increase in height for parasols with other installation bases can be seen in the list below:

Cross pedestal:	DMZ 110 + 6 cm
Full frame pedestal:	DMZ 411 + 9 cm
Full frame pedestal:	DMZ 412 + 12 cm
Full frame pedestal:	DMZ 414 + 16 cm
Dowel-anchored plate:	DMZ 261 + 4 cm
Granite base:	DMZ 141 + 10 cm

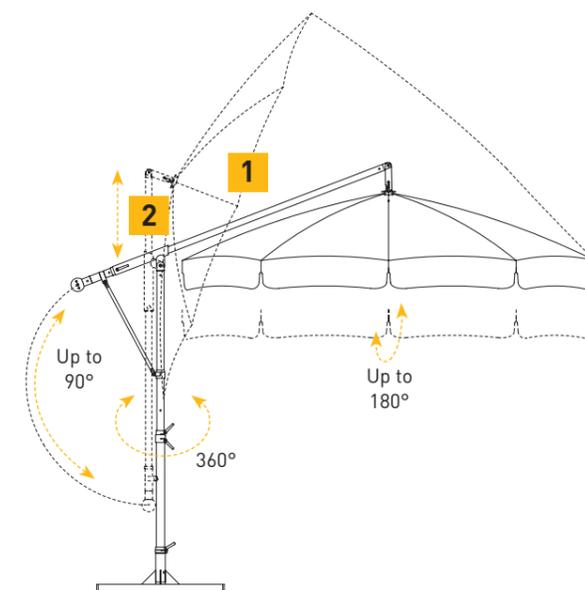
Minimum ballast required for mobile pedestals:
1 layer of concrete slabs 40 x 40 x 5 cm.

Size of installation base required for all sunshade sizes: 50 x 50 x 50 cm. Base must be frost-proof and enlarged if the ground is unstable.



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 with zipper and aluminium rod for easy handling, in MayTex-Poly. Please state parasol size.

Order No. **MA130**



MA130

MEZZO – mobile installation options

Cross pedestal

mounted with screws, without slabs, for standard concrete slabs, 40 x 40 x 5 cm, galvanized. 83 x 83 cm, weight 4.5 kg, total height 28 cm.

Order No. **DMZ110**

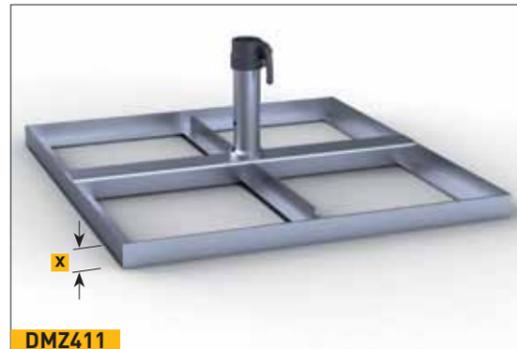


DMZ110

*** NEW!** replaces DMZ111

Full frame pedestal without slabs, for 1 set of concrete slabs, galvanized, 84 x 91 cm, weight 23 kg. height of frame x= 5 cm, total height 33 cm.

Order No. **DMZ411**



DMZ411

*** NEW!** replaces DMZ112

Full frame pedestal with 4 diagonal support levelling screws, without slabs, for 1 set of concrete slabs, galvanized, 84 x 91 cm, weight 24 kg. total height min. 34 cm, max. 40 cm.

Order No. **DMZ412**



DMZ412

*** NEW!** replaces DMZ114

Full frame pedestal on wheels with heavy-duty rollers and fixing brakes, without slabs, for 1 set on concrete slabs, galvanized, 84 x 91 cm, weight 24 kg, total height 40 cm, diameter of rollers 5 cm. Attention: wind sensitive!

Order No. **DMZ414**



DMZ414

Concrete slabs

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

Order No. **XZ40**

Granite Base

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

Order No. **DMZ141**



DMZ141

XZ40

Anchor tube to be embedded in concrete

2 pieces, screw-off upper part, galvanized, weight 4.7 kg, incl. top plate for winter protection, a = 25 cm, b = 29 cm, x = Ø 8 cm, y = 15 cm.

Order No. **DMZ118**



DMZ118

*** NEW!** replaces DMZ123

Dowel-anchored plate

galvanized, weight 6 kg, a= 27.5 cm, x= Ø 21.5 cm, t= 1.2 cm, z= Ø1.65 cm.

Order No.. **DMZ261**

Wall bracket

galvanized, weight 5.5 kg, wall plate, 30 x 16 cm, x = 20 cm, t = 0.6 cm, Bottom of support pole rests on bottom end of anchor tube.

Order No. **DMZ125**



DMZ261

Wall bracket

with upper part of anchor tube DMZ118 galvanized, weight 6.5 kg, wall plate 30 x 16 cm, x = 20 cm, t = 0.6 cm.

Order No. **DMZ170**



DMZ125

* NEU! Anchor bolt

bolt and nut, fits for DMZ261; approved for cracked and non-cracked concrete C20/25 to C50/60, also suitable for concrete C12/15 and natural stone with dense structure; drill hole diameter 16 mm, drill hole depth 140 mm; in stainless steel A4 1.4529, package contains 4 bolts, European Technical Approval ETA-05/0069.

Order No. **200900**



DMZ170

Theft pin

padlock and pin. For support pole Ø 55 mm.

Order No. **200194**



200194



200900

MEZZO – stationary installation options



Our versatile designer side-post parasol

- maximum flexibility
- elegant design
- high-grade steel and aluminium

MAY – shade systems
made in Germany





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 umbrella 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 sunshades 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 RAL 9010 or 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 dismount anything. When closed and folded together, the space-saving parasol can easily be stored away. An advantage that no other side-post umbrella 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 84 onwards.

Valance options

- without valance
- straight valance

When not in use

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

Installation options

- mobile
 - stationary
- cf. Page 28 onward.



DG, Dacapo standard version



DK, Dacapo with crank

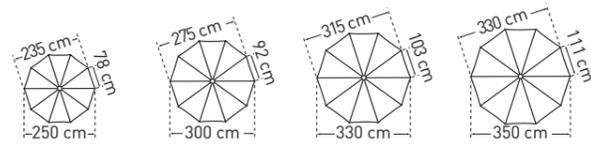


Ball joint



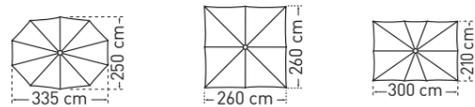
Straight valance





DACAPO DG - standard model		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 250 / 290	cm 250 / 290	cm 250 / 290	cm 250 / 290
B		cm 160	cm 160	cm 180	cm 180
C	min. /max.	cm 222 / 262	cm 222 / 262	cm 222 / 262	cm 222 / 262
D		cm 185	cm 185	cm 205	cm 205
H	min. /max.	cm 195 / 235	cm 195 / 235	cm 195 / 235	cm 195 / 235
K¹⁾	min. /max.	cm 100 / 140	cm 80 / 120	cm 60 / 100	cm 50 / 90
L¹⁾	min. /max.	cm 180 / 220	cm 170 / 210	cm 170 / 210	cm 170 / 210
M¹⁾	min. /max.	cm 69 / 109	cm 69 / 109	cm 50 / 90	cm 40 / 80
P	Support pole diameter mm	outer Ø 55 (pole thickness 3)			
Weight	kg	18	19	19	20

Packaging: rectangular cardboard box, ca. 3 kg, l= 235 cm, w= 37 cm, h= 15 cm



DACAPO DG - standard model		Ø 2.5 x 3.35 m ^{4) 1)}	Ø 2.1 x 3.0 m ⁴⁾	2.6 x 2.6 m
Segments		10	10	8
Area	m ²	6.8	6.3	6.8
A	min. /max.	cm 250 / 290	cm 250 / 290	cm 255 / 294
B		cm 180	cm 180	cm 180
C	min. /max.	cm 222 / 262	cm 222 / 262	cm 223 / 263
D		cm 205	cm 205	cm 207
H	min. /max.	cm 195 / 235	cm 195 / 235	cm 195 / 235
K¹⁾	min. /max.	cm 100 / 140	cm 115 / 155	cm 102 / 140
L¹⁾	min. /max.	cm 171 / 211	cm 168 / 208	cm 192 / 231
M¹⁾	min. /max.	cm 42 / 82	cm 40 / 80	cm 42 / 81
P	Support pole diameter mm	outer Ø 55 (pole thickness 3)		
Weight	kg	20	20	20

Packaging: rectangular cardboard box, ca. 3 kg, l= 235 cm, w= 37 cm, h= 15 cm

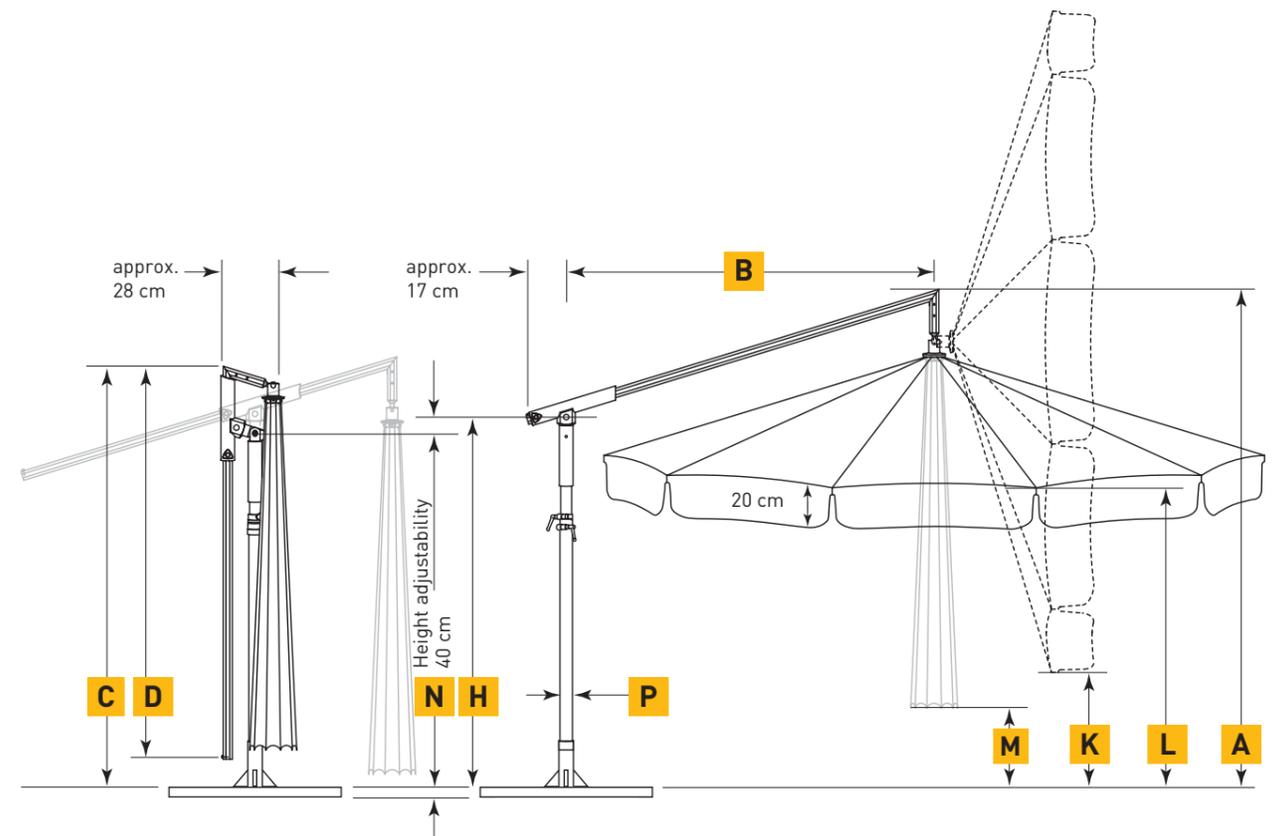
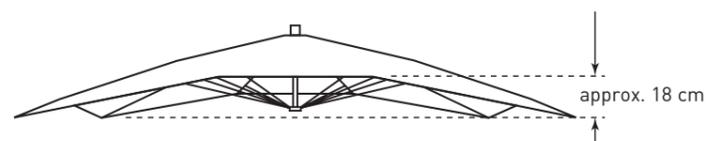
¹⁾Sizes without valance: with valance less 20 cm.

²⁾Ø 350 cm with valance: 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)

All measurements are to be understood as approximate.



N The heights specified are for sunshades that are mounted in anchor tube DMZ 118. The increase in height for parasols with other installation bases can be seen in the list below:

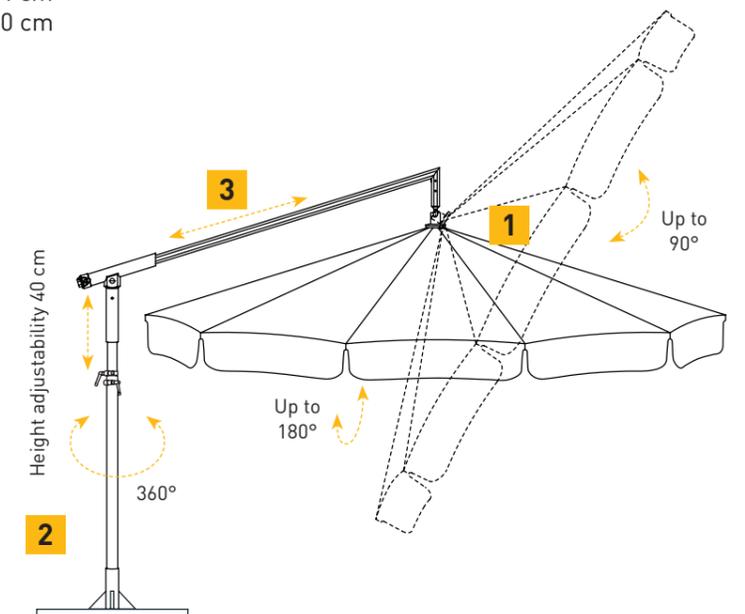
Cross pedestal:	DMZ 110 + 6 cm
Full frame pedestal:	DMZ 411 + 9 cm
Full frame pedestal:	DMZ 412 + 12 cm
Full frame pedestal:	DMZ 414 + 16 cm
Dowel-anchored plate:	DMZ 261 + 4 cm
Granite base:	DMZ 141 + 10 cm

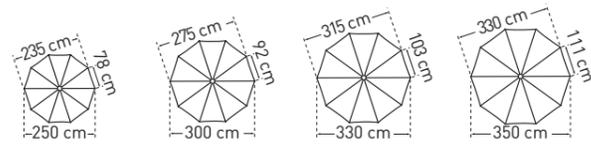
Minimum ballast required for mobile installation with full frame pedestal: all sizes 1 set of concrete slabs 40 x 40 x 5 cm; except Ø 3.5 m, goes with 2 sets of concrete slabs.

Installation base for all sizes: 50 x 50 x 50 cm. Base must be frost-proof and enlarged if ground is unstable.

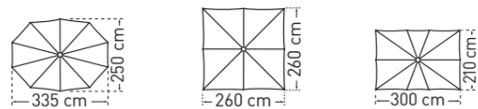
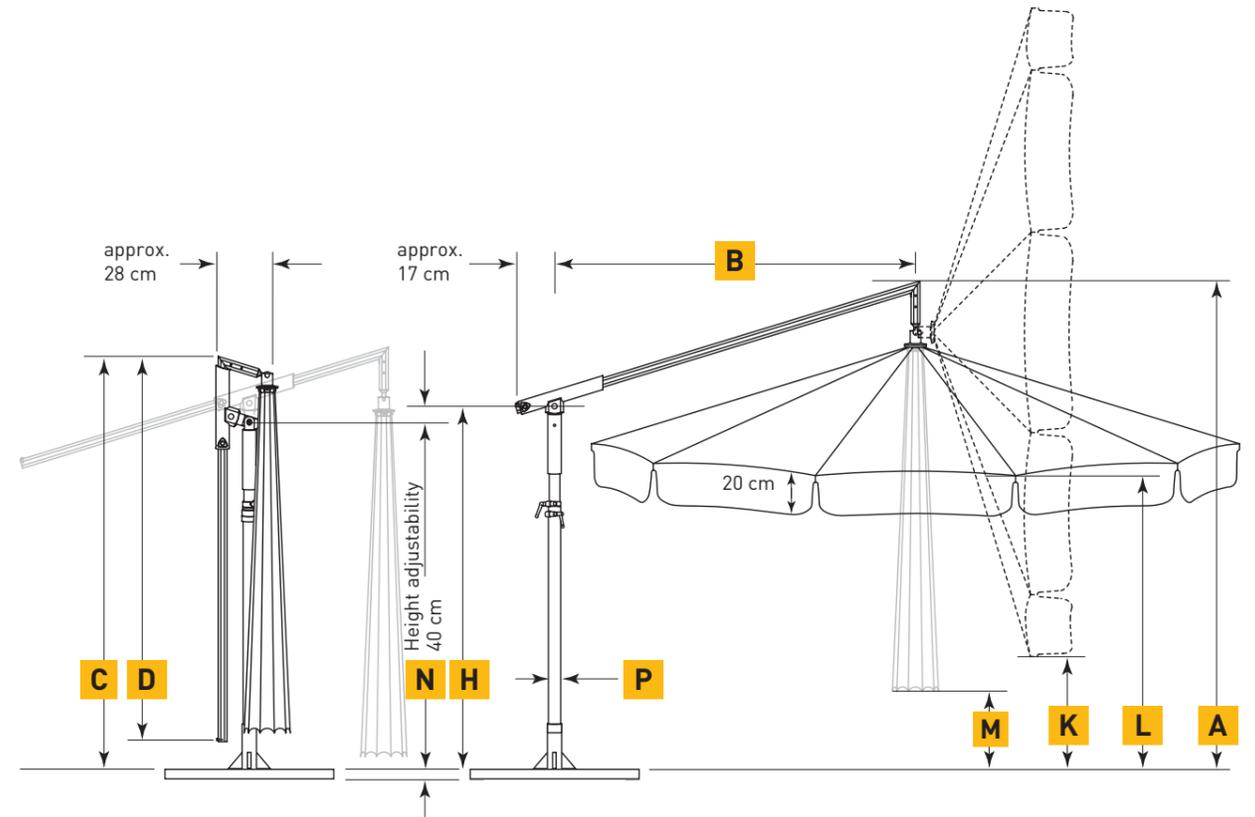
Adjustable to suit your individual needs

- 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).





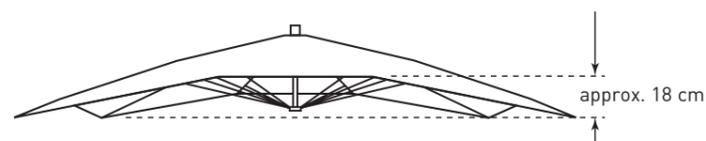
DACAPO with crank DK		Ø 2.5 m	Ø 3.0 m	Ø 3.3 m ¹⁾	Ø 3.5 m ²⁾³⁾
Segments		10	10	10	10
Area		m ² 4,9	7,1	8,5	9,6
A	min. /max.	cm 240 / 280	240 / 280	245 / 285	245 / 285
B		cm 160	160	180	180
C	min. /max.	cm 212 / 252	212 / 252	210 / 250	210 / 250
D		cm 185	185	205	205
H	min. /max.	cm 185 / 225	185 / 225	185 / 225	185 / 225
K¹⁾	min. /max.	cm 90 / 130	68 / 108	46 / 101	33 / 73
L¹⁾	min. /max.	cm 170 / 210	160 / 200	164 / 204	160 / 200
M¹⁾	min. /max.	cm 59 / 99	59 / 99	40 / 80	30 / 70
P	Support pole diameter mm	outer Ø 55 (pole thickness 3)			
Weight		kg 18	19	19	20
Packaging: rectangular cardboard box, ca. 3 kg, l= 235 cm, w= 37 cm, h= 15 cm					



DACAPO with crank DK		Ø 2.5 x 3.35 m ^{4) 1)}	Ø 2.1 x 3.0 m ⁴⁾	2.6 x 2.6 m
Segments		10	10	8
Area		m ² 6,8	6,3	6,8
A	min. /max.	cm 245 / 285	245 / 280	245 / 284
B		cm 180	180	180
C	min. /max.	cm 210 / 250	210 / 250	213 / 253
D		cm 205	205	207
H	min. /max.	cm 185 / 225	185 / 225	185 / 225
K¹⁾	min. /max.	cm 90 / 130	107 / 147	92 / 130
L¹⁾	min. /max.	cm 160 / 200	180 / 220	182 / 221
M¹⁾	min. /max.	cm 32 / 72	30 / 70	32 / 71
P	Support pole diameter mm	outer Ø 55 (pole thickness 3)		
Weight		kg 20	20	20
Packaging: rectangular cardboard box, ca. 3 kg, l= 235 cm, w= 37 cm, h= 15 cm				

¹⁾Sizes without valance: with valance less 20 cm.
²⁾Ø 350 cm with valance: 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)

All measurements are to be understood as approximate.



N The heights specified are for sunshades that are mounted in anchor tube DMZ 118. The increase in height for parasols with other installation bases can be seen in the list below:

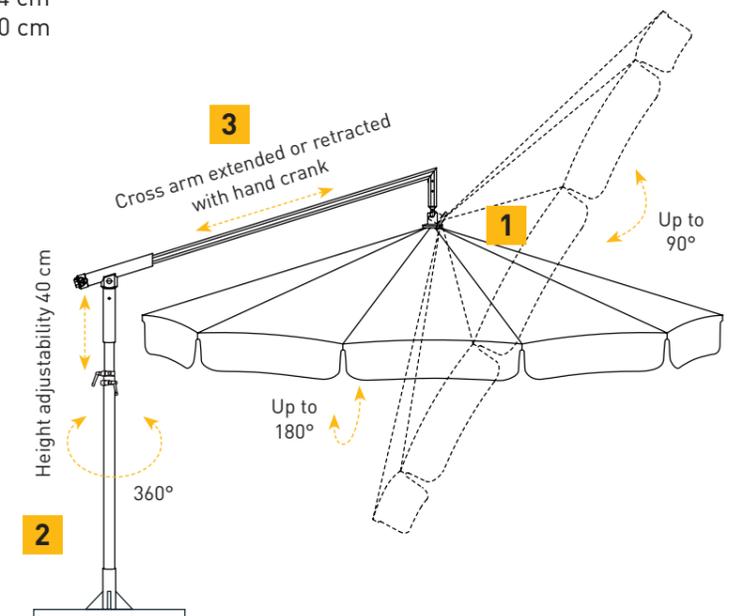
Cross pedestal:	DMZ 110 + 6 cm
Full frame pedestal:	DMZ 411 + 9 cm
Full frame pedestal:	DMZ 412 + 12 cm
Full frame pedestal:	DMZ 414 + 16 cm
Dowel-anchored plate:	DMZ 261 + 4 cm
Granite base:	DMZ 141 + 10 cm

Minimum ballast required for mobile installation with full frame pedestal: all sizes 1 set of concrete slabs 40 x 40 x 5 cm; except Ø 3.5 m, goes with 2 sets of concrete slabs.

Installation base for all sizes: 50 x 50 x 50 cm. Base must be frost-proof and enlarged if ground is unstable.

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).



DACAPO – Accessories and Bases

Additional protective sleeve with zipper and aluminium rod for easy handling, in MayTex-Poly. Please state parasol size.

Order No. **DA130**



DA130

DACAPO – mobile installation options

Cross pedestal

mounted with screws, without slabs, for standard concrete slabs, 40 x 40 x 5 cm, galvanized. 83 x 83 cm, weight 4.5 kg, total height 28 cm.

Order No. **DMZ110**



DMZ110

*** NEW!** replaces DMZ111

Full frame pedestal without slabs, for 1 set of concrete slabs, galvanized, 84 x 91 cm, weight 23 kg, height of frame x= 5 cm, total height 33 cm.

Order No. **DMZ411**



DMZ411

*** NEW!** replaces DMZ112

Full frame pedestal with 4 diagonal support levelling screws, without slabs, for 1 set of concrete slabs, galvanized, 84 x 91 cm, weight 24 kg, total height min. 34 cm, max. 40 cm.

Order No. **DMZ412**



DMZ412

*** NEW!** replaces DMZ114

Full frame pedestal on wheels with heavy-duty rollers and fixing brakes, without slabs, for 1 set on concrete slabs, galvanized, 84 x 91 cm, weight 24 kg, total height 40 cm, diameter of rollers 5 cm. Attention: wind sensitive!

Order No. **DMZ414**



DMZ414

Concrete slabs

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

Order No. **XZ40**

Granite Base

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

Order No. **DMZ141**



DMZ141

XZ40

Anchor tube to be embedded in concrete

2 pieces, screw-off upper part, galvanized, weight 4.7 kg, incl. top plate for winter protection, a = 25 cm, b = 29 cm, x = Ø 8 cm, y = 15 cm.

Order No. **DMZ118**



DMZ118

*** NEW!** replaces DMZ123

Dowel-anchored plate

galvanized, weight 6 kg, a= 27.5 cm, x= Ø 21.5 cm, t= 1.2 cm, z= Ø1.65 cm.

Order No. **DMZ261**

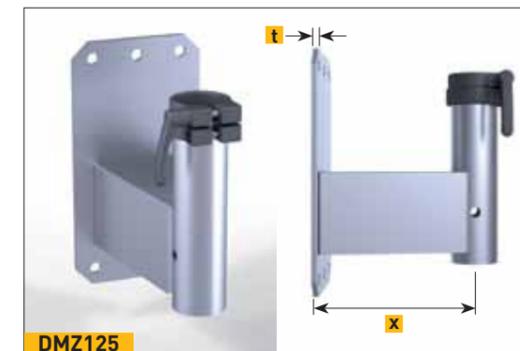


DMZ261

Wall bracket

galvanized, weight 5.5 kg, wall plate, 30 x 16 cm, x = 20 cm, t = 0.6 cm, Bottom of support pole rests on bottom end of anchor tube.

Order No. **DMZ125**



DMZ125

Wall bracket

with upper part of anchor tube DMZ118 galvanized, weight 6.5 kg, wall plate 30 x 16 cm, x = 20 cm, t = 0.6 cm.

Order No. **DMZ170**



DMZ170

* NEU! Anchor bolt

bolt and nut, fits for DMZ261, approved for cracked and non-cracked concrete C20/25 to C50/60, also suitable for concrete C12/15 and natural stone with dense structure; drill hole diameter 16mm, drill hole depth 140 mm; in stainless steel A4 1.4529, package contains 4 bolts, European Technical Approval ETA-05/0069.

Order No. **200900**



200900

Theft pin

padlock and pin. For support pole Ø 55 mm.

Order No. **200194**



200194

DACAPO – Stationary Installation Options

RIALTO stands for atmosphere and architectural style – both indoors and outside. This impressive sunshade 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 sunshade up to Ø 4 m

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

MAY – shade systems
made in Germany





RIALTO RG – standard model RIALTO RP – canopy with pivot system

Operating the sunshade
with removable stainless steel crank.

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

- support pole \varnothing 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 88 onward.

360° Rotation

All our anchoring systems are equipped with a special clamp that allows the sunshade 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 36 onward.

When not in use

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



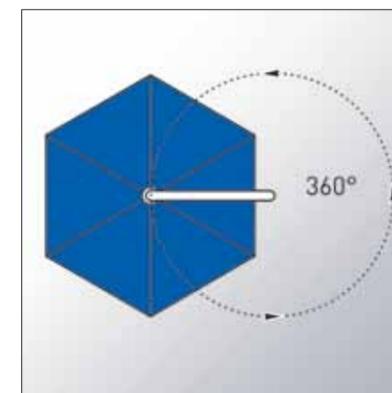
Operation



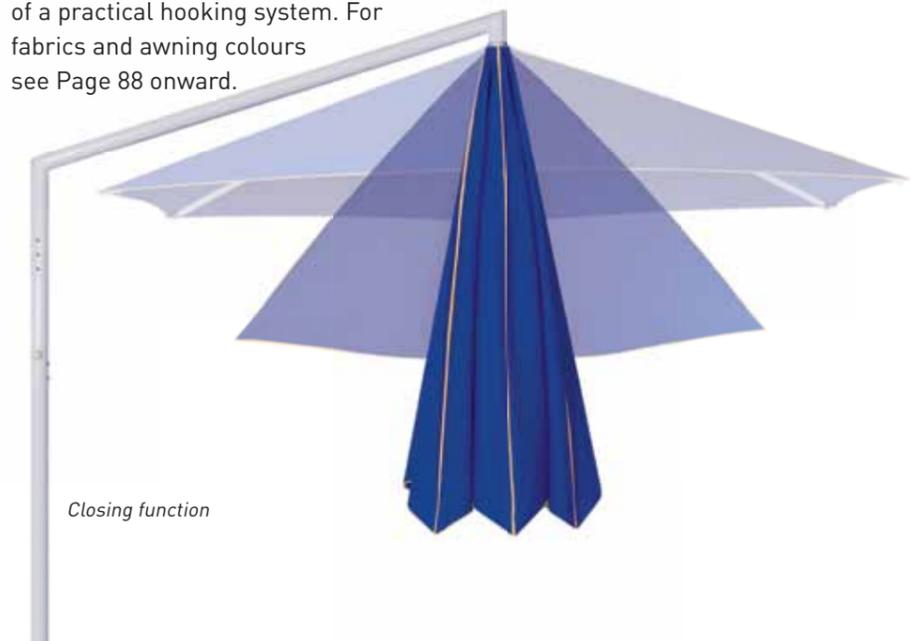
Canopy covering



Frame (single shade / triple shade)



360° rotation



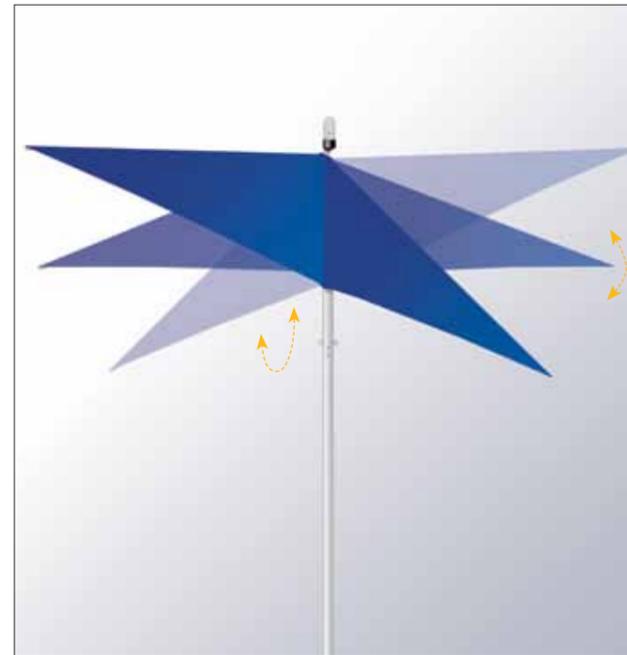
Closing function



Crank to fix the tilted canopy



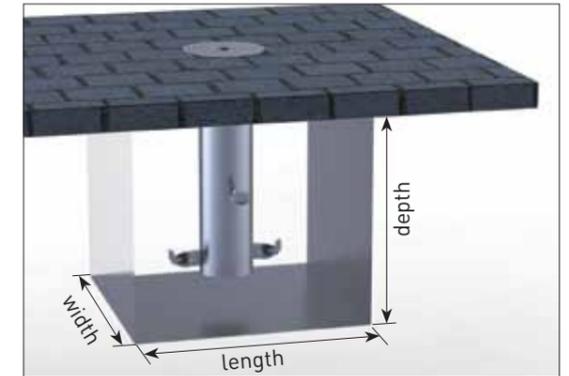
Pivot system



Flexible tilt function (max. 30°)



Wall mount for strain relief



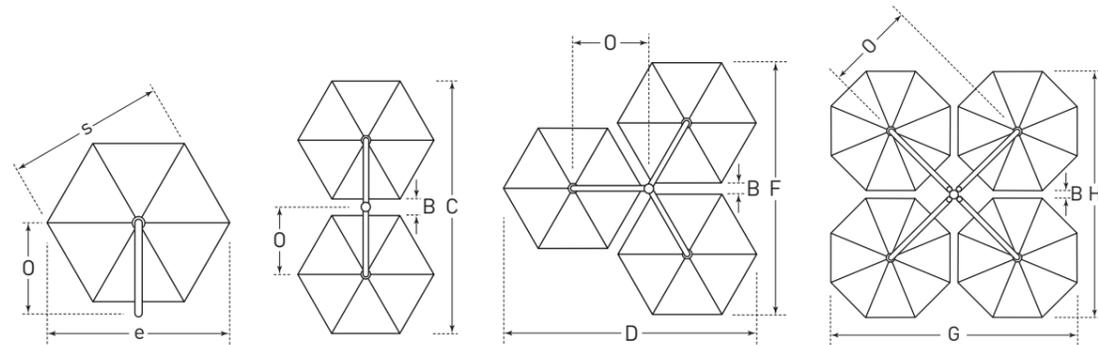
3D view of installation base with trip-proof top plate for winter protection

RIALTO RP – with pivot system

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

Minimum ballast required for mobile pedestals:
1 layer of concrete slabs 50 x 50 x 5 cm.

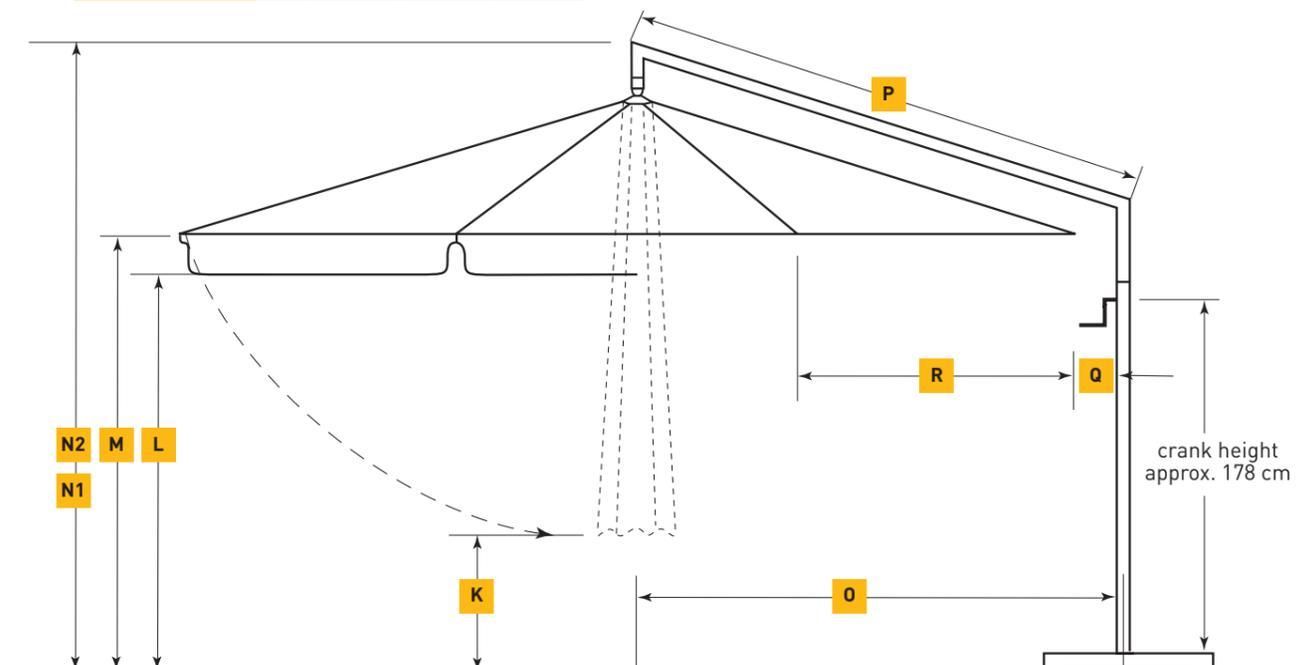
Size of installation base required for all sunshade sizes: 50 x 50 x 70 cm.
Base must be frost-proof and enlarged if the ground is unstable.



e	m	Ø 3.0 m	Ø 3.5 m	Ø 4.0 m
K	cm	100	75	55
L	cm	195	195	195
M	cm	200	200	200
N1 without valance	cm	270	280	285
N2 with valance	cm	290	300	305

e	m	Single with 6 segments			Double with 6 segments			Triple with 6 segments			Quad with 8 segments		
		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 cm (pole thickness 3 mm)											

*without packaging



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

RIALTO Accessories and Bases

Additional protective sleeve with zipper
in MayTex-Poly. Please state sunshade size.

Order No. **RA130**

Special frame paint finish
Please state RAL number.

RIALTO – mobile installation options

Full frame pedestal without slabs

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

Order No. **RZ111**

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

Order No. **RZ112**

Full frame pedestal on wheels

with rubber heavy-duty rollers and fixing brakes, without slabs, for 2 sets of concrete slabs, galvanized, 103 x 103 cm, weight approx. 28 kg, total height 36 cm, diameter of rollers 5 cm. Attention: wind sensitive!

Order No. **RZ114**

Concrete slabs

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

Order No. **XZ50**



RA130



RZ111



RZ112



RZ114



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 9.0 kg,
a = 22 cm, b = 29 cm, x = \varnothing 17 cm, y = 16 cm.

Order No. **RZ118**

Anchor tube to be embedded in concrete

same as RZ 118, but lockable with theft pin 200103.

Order No. **RZ119**

Anchor foot to be embedded in concrete

2 pieces, screw-off upper part, for triple-shade and quad-shade RIALTO, galvanized, weight 17 kg.

Order No. **RZ121**

Anchor foot to be embedded in concrete

same as RZ 121, but lockable with theft pin 200103.

Order No. **RZ122**

Dowel-anchored plate

galvanized, 50 x 50 x 1.2 cm, weight 23 kg,
a = 25 cm, x = \square 50 cm, t = 1.2 cm, z = \varnothing 1.8 cm.

Order No. **RZ123**

Dowel-anchored plate

same as RZ 123, but lockable with theft pin.

Order No. **RZ124**

Wall bracket

galvanized, weight 5.5 kg,
height/width/depth: 30/16/23 cm,
plate thickness: 0.6 cm.

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

Order No. **RZ125**

Wall mount for strain relief

to complement wall bracket RZ125, to be mounted with heavy-duty dowels at chest height

Order No. **RZ301**

Theft pin

padlock and pin.
For support pole \varnothing 76 mm.

Order No. **200103**



RZ118



RZ121



RZ123



RZ125



RZ301

Your Personalized Centre-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 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.

Parasol shapes

- round
- square
- rectangular
- triangular

Opening and closing mechanism

- umbrella principle
- telescopic system
- rope pull
- crank

Type of support pole

- Centre-post
- Type FILIUS
 - Type SCHATTELLO
 - Type ALBATROS

Frame colours

- white RAL 9010
- silver RAL 9006
- brown 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



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 dismantling without problem

MAY – shade systems
made in Germany





Operating the sunshade

FILIUS is available in two different versions:

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

High-quality framework materials

The poles of our sunshades are all made of high-quality alloyed, extruded aluminium profiles. Frame surfaces are powder-coated, highly impact-proof, and available in white RAL 9010, brown RAL 8019, or silver RAL 9006. Special colours available on request.

- support pole \varnothing 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 88 onward.

Valance options

- without valance
- straight valance

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



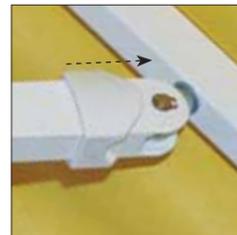
Rope pull



Crank drive



Frame colours



Frame joints



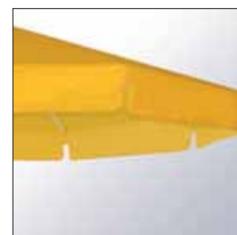
Top plate



Canopy covering



Without valance



Straight valance



Closing function



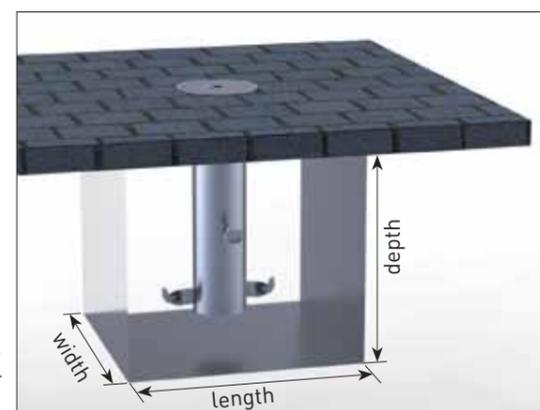
Model FILIUS		Ø 3 m	Ø 3.5 m	Ø 4 m	
Segments		8	8	8	
Area	m ²	7	9	12	
A	Height closed, with valance	cm	279	287	295
B	Height closed, without valance	cm	259	267	295
C	Headroom with valance	cm	200	200	200
D	Headroom without valance	cm	202	202	222
E	Height of valance	cm	28	28	28
F	Ground clearance with valance	cm	113	97	79
G	Ground clearance without valance	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, Ø 25 cm, length 307 cm, weight 7.5 kg				

The heights specified are for sunshades that are mounted in anchor tube DMZ 118. The increase in height for parasols with other installation bases can be seen in the list below:

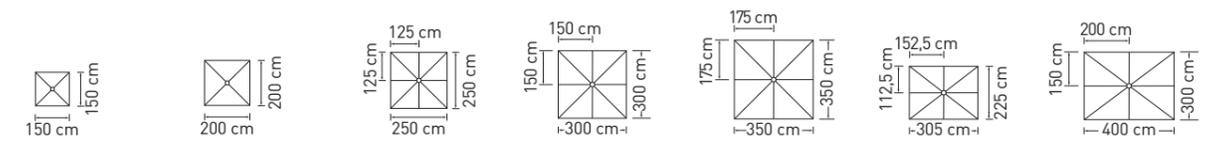
- Cross pedestal: DMZ 110 + 6 cm
- Full frame pedestal: DMZ 411 + 9 cm
- Full frame pedestal: DMZ 412 + 12 cm
- Full frame pedestal: DMZ 414 + 16 cm
- Dowel-anchored plate: DMZ 261 + 4 cm
- Granite base: DMZ 141 + 10 cm

Minimum ballast required for mobile installation with full frame pedestal:
1 set of concrete slabs 40 x 40 x 5 cm

Installation base for all FILIUS sizes:
50 x 50 x 50 cm. Base must be frost-proof and enlarged if the ground is unstable.

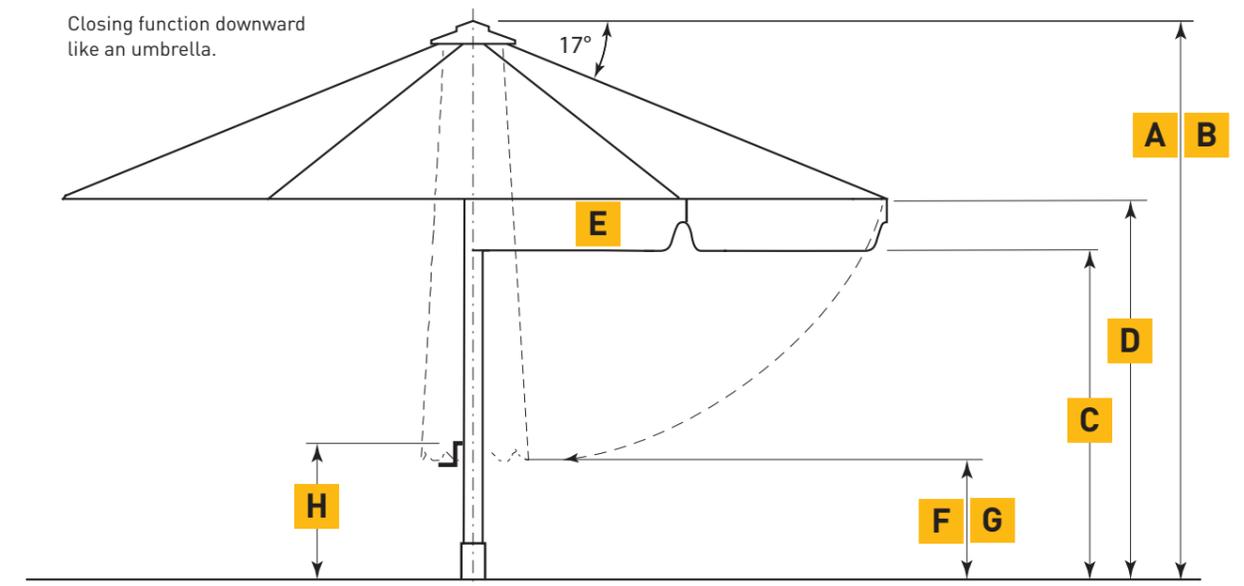


right:
3D view of installation base with top plate for winter protection.



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	4	8	8	8	8	8
2.25	4	6.25	9	12	7	12
259	274	280	289	295	279	290
259	254	260	269	275	259	270
200	200	200	200	200	208	208
220	202	202	202	202	210	210
23	23	28	28	28	28	28
148	120	94	63	32	80	30
148	100	74	43	12	60	10
70	92	92	92	92	92	92
15	16	18	15	16	15	16.5
outer Ø 55 (pole thickness 2.5)						
Ø 25 cm, length 307 cm, weight 7.5 kg						

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



Additional protective sleeve with zipper and aluminium rod for easy handling, in MayTex-Poly. Please state parasol size.

Order No. **FA130**



FA130

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

Order No. **XA141**



XA141

Holder for side sheets and rain gutter

1 piece per spoke required.

Order No. **FA140**



FA140

Length extension of centre pole

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

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 82 onward.



A comprehensive range of accessories will enable you to equip your FILIUS to meet your very own requirements. You would like to have a specific colour, side sheets or a rain gutter? No problem. Choose to suit your taste.



FILIUS, FK 3 x 3 m



FILIUS, FK 3 x 3 m



FILIUS, FK 3.5 x 3.5 m



FILIUS, FK 2.25 x 3.05 m



FILIUS, FK 3 x 3 m



FILIUS, FK Ø 3 m

Cross pedestal

mounted with screws, without slabs, for standard concrete slabs, 40 x 40 x 5 cm, galvanized. 83 x 83 cm, weight 4.5 kg, total height 28 cm.

Order No. **DMZ110**

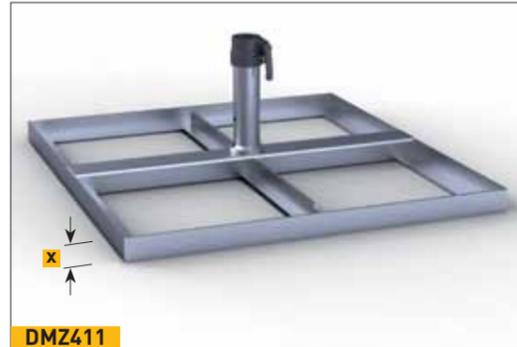


DMZ110

*** NEW!** replaces DMZ111

Full frame pedestal without slabs, for 1 set of concrete slabs, galvanized, 84 x 91 cm, weight 23 kg, height of frame x= 5 cm, total height 33 cm.

Order No. **DMZ411**



DMZ411

*** NEW!** replaces DMZ112

Full frame pedestal with 4 diagonal support levelling screws, without slabs, for 1 set of concrete slabs, galvanized, 84 x 91 cm, weight 24 kg, total height min. 34 cm, max. 40 cm.

Order No. **DMZ412**



DMZ412

*** NEW!** replaces DMZ114

Full frame pedestal on wheels with heavy-duty rollers and fixing brakes, without slabs, for 1 set on concrete slabs, galvanized, 84 x 91 cm, weight 24 kg, total height 40 cm, diameter of rollers 5 cm. Attention: wind sensitive!

Order No. **DMZ414**



DMZ414

Theft pin

padlock and pin, stainless steel For centre pole Ø 55 mm.

Order No. **200194**



200194

Padlock

stainless steel, width 40 mm

Order No. **350063**

Concrete slabs

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

Order No. **XZ40**

Granite Base

Ø approx. 70 cm, two parts, round, height approx. 10 cm, grey, polished, 4 recessed grips, stainless steel surface, weight 100 kg.

Order No. **DMZ141**



DMZ141

XZ40

Wheeled pedestal

incl. weights, rubber rollers, stainless steel locking rod; colour: anthracite, 75 x 75 cm, weight 100 kg

Order No. **DMZ282**



anthracite



DMZ282

*** NEW! Wheeled pedestal**

incl. weights, rubber rollers, stainless steel locking rod; colour: graphite, 75 x 75 cm, weight 100 kg

Order No. **DMZ283**



graphite



DMZ283

Customized pedestals (not available on stock)

Full frame pedestal with upper tube of DMZ118, customized height to fit patio surface, for **1 set** of standard concrete slabs, 40 x 40 x 5 cm, galvanized, 83 x 83 cm.

Order No. **DMZ208**



DMZ208

Full frame pedestal with placement hinge and upper tube of DMZ150, customized height to fit patio surface, for **1 set** of standard concrete slabs, 40 x 40 x 5 cm, galvanized, 83 x 83 cm.

Order No. **DMZ210**



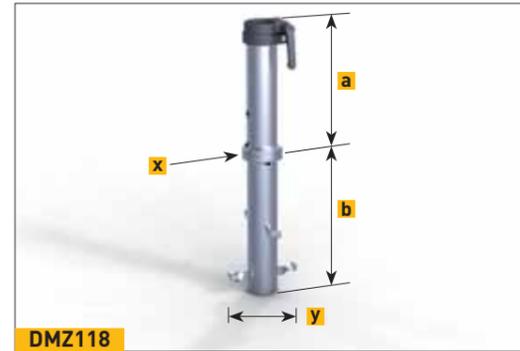
DMZ210



Anchor tube to be embedded in concrete

2 pieces, screw-off upper part, galvanized, weight 4.7 kg incl. top plate for winter protection, a = 25 cm, b = 29 cm, x = Ø 8 cm, y = 15 cm.

Order No. **DMZ118**



Anchor tube to be embedded in concrete, with placement hinge

screw-off upper part, galvanized, weight 5 kg incl. top plate for winter protection. a = 26 cm, b = 28 cm, x = 12 cm, y = 14 cm, z = 14.5 cm. Bore for power cable through centre post Ø 5 cm.

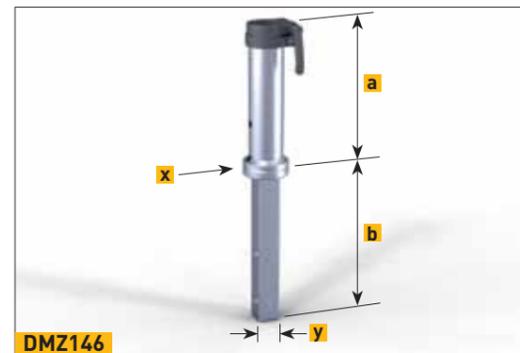
Order No. **DMZ150**



Anchor tube to be embedded in concrete in pre-drilled bore-hole

2 pieces, screw-off upper part, galvanized, weight 18 kg, lower tube square, for bore-hole of Ø 71 mm or more, a = 25 cm, b = 28.5 cm, x = Ø 8 cm, y = 5 cm.

Order No. **DMZ146**



left:
3D view of installation base with trip-proof top plate for winter protection.

DMZ118

Wall bracket

galvanized, weight 5.5 kg, bottom of support pole rests on bottom end of anchor tube, wall plate 30 x 16 cm, x = 20 cm, t = 0.6 cm.

Order No. **DMZ125**



Wall bracket with upper part of anchor tube DMZ118

galvanized, weight 6.5 kg, wall plate 30 x 16 cm, x = 20 cm, t = 0.6 cm.

Order No. **DMZ170**



*** NEW!** replaces DMZ123

Dowel-anchored plate

galvanized, weight 15 kg, a = 26 cm, x = 30 cm, t = 2 cm, z = Ø1,8 cm.

Order No. **DMZ261**

*** NEU! Anchor bolt**

bolt and nut, fits for DMZ261, DMZ127 and DMZ129; approved for cracked and non-cracked concrete C20/25 to C50/60, also suitable for concrete C12/15 and natural stone with dense structure; drill hole diameter 16mm, drill hole depth 140 mm; in stainless steel A4 1.4529, package contains 4 bolts, European Technical Approval ETA-05/0069.

Order No. **200900**

Padlock

stainless steel, width 40 mm

Order No. **350063**



Customized installation bases (not available on stock)

Dowel-anchored plate with placement hinge and upper tube of DMZ150

customized height to fit patio surface, galvanized, anchor plate 30 x 30 cm.

Order No. **DMZ127**

Dowel-anchored plate upper tube of DMZ118,

customized height to fit patio surface, galvanized, anchor plate 30 x 30 cm.

Order No. **DMZ129**



200900



DMZ129



DMZ127

SCHATTELLO

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 sunshade!



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

- large-area all-weather protection
- easy handling
- extremely wind-resistant
- classic sunshade for outdoor catering

MAY – shade systems
made in Germany





Operating the sunshade

SCHATTELLO, our giant sunshade, 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 sunshades are all made of high-quality alloyed, extruded aluminium profiles. Frame surfaces are powder-coated, highly impact-proof, and available in white RAL 9010, brown RAL 8019, or silver RAL 9006. Special colours available on request. All parts are completely maintenance-free.

- 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 sunshade 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 sunshades during various tests in a wind tunnel. Even wind speeds of 50 km/h could not do any harm to a sunshade 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 88 onward.

Valance options

- without valance
- straight valance
- Deluxe valance, cf. Page 94

Installation options

- mobile
 - stationary
- cf. Page 62 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
 - Heaters, lighting and loud speakers
- cf. Page 78 onward



Operating mechanism



Frame colours



Central rod system



Top plate



Frame joints



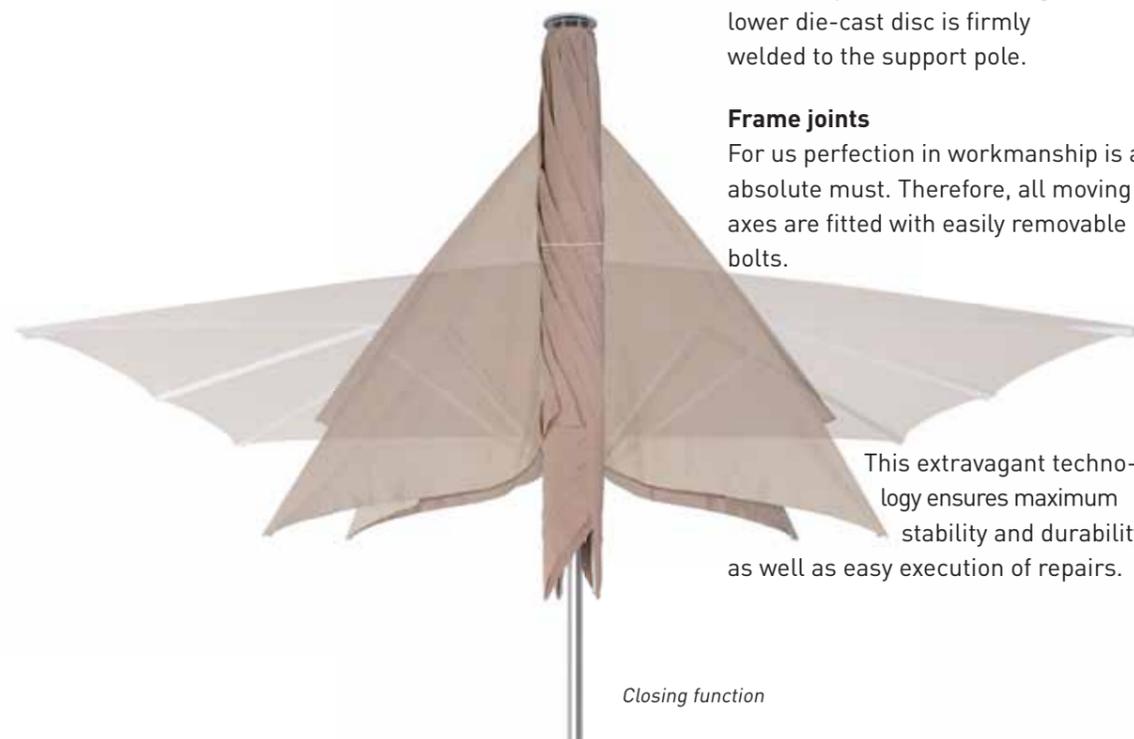
Canopy covering



Without valance

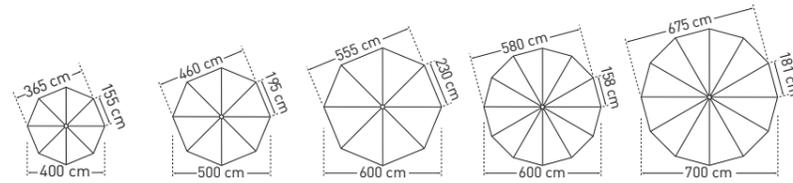


Straight valance



This extravagant technology ensures maximum stability and durability as well as easy execution of repairs.

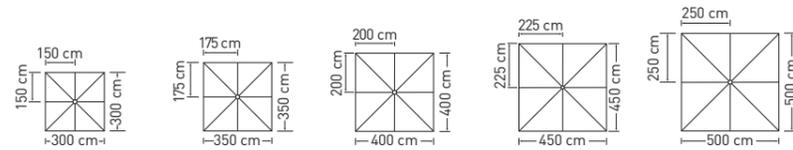
Closing function



SCHATTELLO round		Ø 4.0 m	Ø 5.0 m	Ø 6.0 m	Ø 6.0 m	Ø 7.0 m
Segments		8	8	8	12	12
Area		m ² 12	19	27	28	38
A	Height closed incl. top plate	cm 410	425	440	450	465
B	Height opened incl. top plate	cm 303	318	333	343	358
C	Headroom with valance	cm 205	205	200	205	205
D	Headroom without valance	cm 227	227	222	237	237
E	Height of valance	cm 28	28	28	28	28
F	Ground clearance from spoke edge	cm 193	158	123	132	85
G	Height of lower disc flange	cm 183	198	213	223	238
Weight without packaging		kg 27	38	45	52	58
Support pole diameter		mm outer Ø 76 (pole thickness 3)				
Packaging: cardboard sleeve		17 kg, Ø 33 cm, length 444 cm		18 kg, Ø 35 cm, length 444 cm		

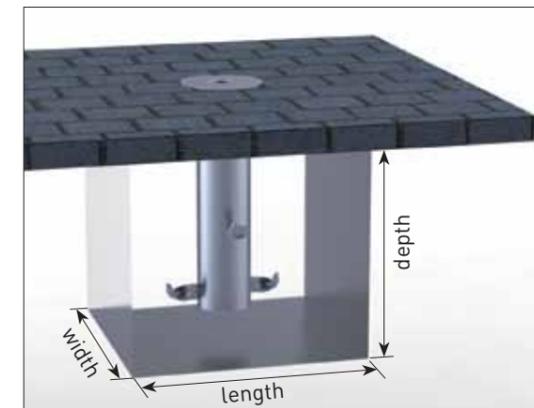


SCHATTELLO rectangular		2.5 x 3.5 m	2.5 x 4.0 m	2.5 x 5.0 m	3.0 x 4.0 m	3.0 x 5.0 m
Segments		8	8	8	8	8
Area		m ² 8,8	10	12,5	12	15
A	Height closed incl. top plate	cm 402	391		402	402
B	Height opened incl. top plate	cm 295	297		295	295
C	Headroom with valance	cm 215	215	215	215	215
D	Headroom without valance	cm 237	237	237	237	237
E	Height of valance	cm 28	28	28	28	28
F	Ground clearance from spoke edge	cm 175	150		130	95
G	Height of lower disc flange	cm 243	240		245	245
Weight without packaging		kg 34			28	32
Support pole diameter		mm outer Ø 76 (pole thickness 3)				
Packaging: cardboard sleeve		17 kg, Ø 33 cm, length 444 cm				



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: cardboard sleeve		17 kg, Ø 33 cm, length 444 cm		18 kg, Ø 35 cm, length 444 cm		

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



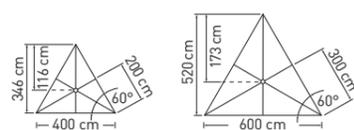
Installation base and ballast

Size of sunshade	Installation base width/length min. depth	Required ballast for mobile installation (incl. frame)
Ø 4 m	50/50/60 cm	1 layer of concrete slabs = approx. 120 kg
Ø 5 m	50/50/60 cm	1 layer of concrete slabs = approx. 120 kg
Ø 6 m	50/50/60 cm	1 layer of concrete slabs = approx. 120 kg
Ø 7 m	50/50/60 cm	2 layers of concrete slabs = approx. 240 kg
3.0 x 3.0 m	60/60/60 cm	1 layer of concrete slabs = approx. 120 kg
3.5 x 3.5 m	50/50/60 cm	1 layer of concrete slabs = approx. 120 kg
4.0 x 4.0 m	50/50/60 cm	1 layer of concrete slabs = approx. 120 kg
4.5 x 4.5 m	50/50/60 cm	1 layer of concrete slabs = approx. 120 kg
5.0 x 5.0 m	50/50/60 cm	2 layers of concrete slabs = approx. 240 kg
2.5 x 3.5 m	50/50/60 cm	1 layer of concrete slabs = approx. 120 kg
2.5 x 4.0 m	50/50/60 cm	1 layer of concrete slabs = approx. 120 kg
2.5 x 5.0 m	50/50/60 cm	1 layer of concrete slabs = approx. 120 kg
3.0 x 4.0 m	50/50/60 cm	1 layer of concrete slabs = approx. 120 kg
3.0 x 5.0 m	50/50/60 cm	1 layer of concrete slabs = approx. 120 kg

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



SCHATTELLO rectangular		3,0 x 6,0 m	3,5 x 4,5 m	3,5 x 5,0 m	4,0 x 5,0 m	4,0 x 6,0 m	
Segments		8	8	8	8	8	
Area		m ²	18	15.8	17.5	20	24
A	Height closed incl. top plate	cm	415	420		425	430
B	Height opened incl. top plate	cm	308	302		318	323
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	67	125		82	52
G	Height of lower disc flange	cm	190	230		198	203
Weight without packaging		kg	34	33		36	40
Support pole diameter		mm	outer Ø 76 (pole thickness 3)				
Packaging: cardboard sleeve			17 kg, Ø 33 cm, length 444 cm				



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: cardboard sleeve			17 kg, Ø 33 cm, length 444 cm	

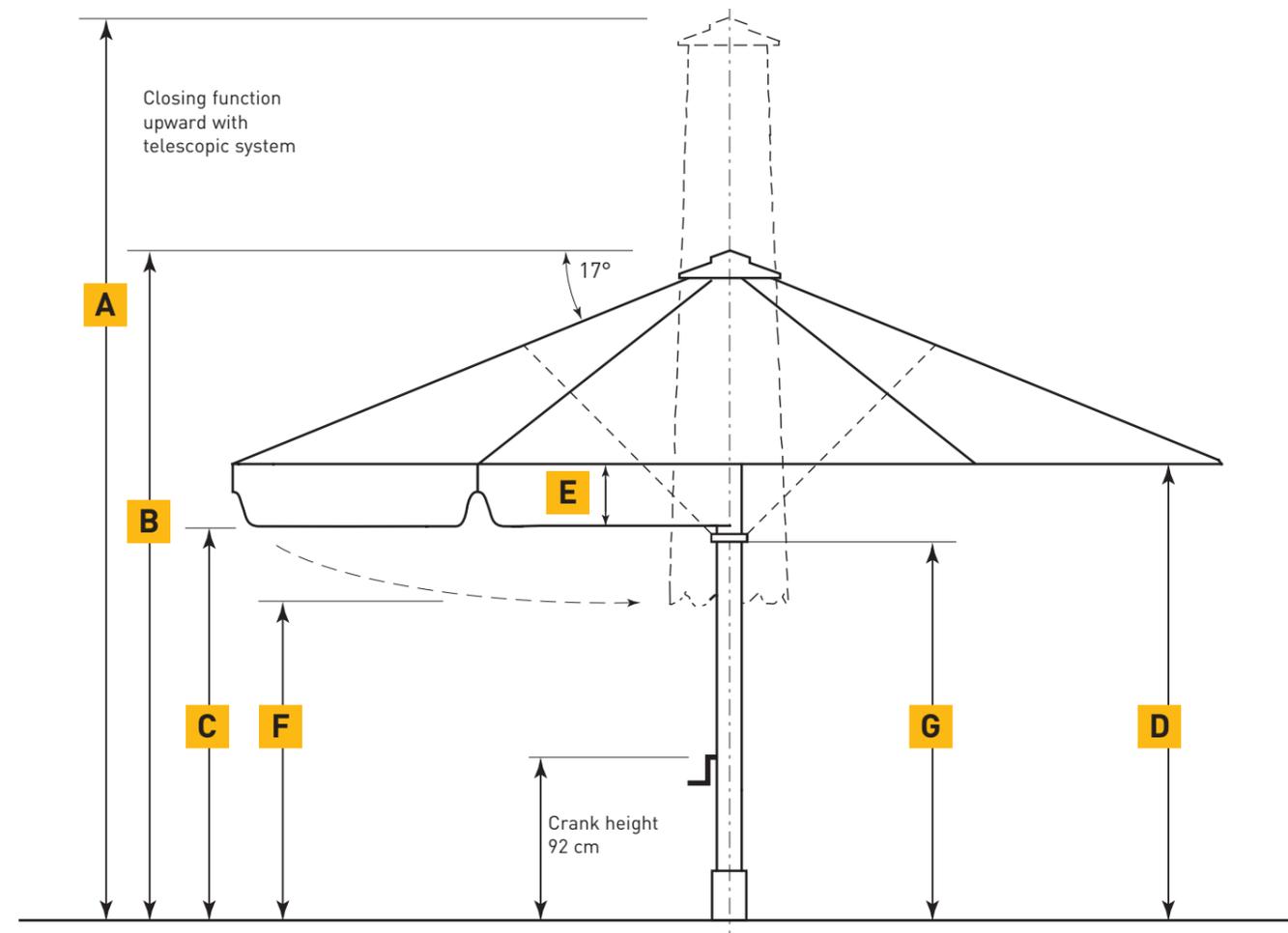
The heights specified are for sunshades with MayTex-Acryl covering fabric that are mounted in an anchor tube (SZ118, SZ121, SZ150). The increase in height for sunshades with other installation bases can be seen in the list below:

Full frame pedestal: SZ411 + 9 cm
 Full frame pedestal: SZ412 + 12 cm
 Full frame pedestal: SZ414 + 16 cm

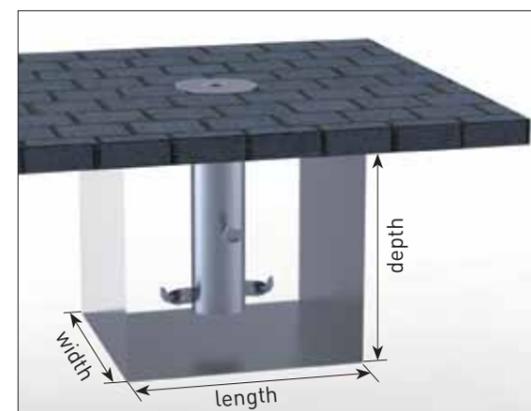
Full frame pedestal: SZ201 + 14 cm
 Full frame pedestal: SZ203 + 17 cm
 Full frame pedestal: SZ205 + 21 cm

Anchor plate with hinge:

Anchor plate: SZ131 + 1.5 cm
 Anchor plate: SZ261 + 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.



Installation base and ballast

Size of sunshade	Installation base width/length min. depth	Required ballast for mobile installation (incl. frame)
3.0 x 6.0 m	50/50/60 cm	1 layer of concrete slabs = approx. 120 kg
3.5 x 4.5 m	50/50/60 cm	1 layer of concrete slabs = approx. 120 kg
3.5 x 5.0 m	50/50/60 cm	1 layer of concrete slabs = approx. 120 kg
4.0 x 5.0 m	50/50/60 cm	1 layer of concrete slabs = approx. 120 kg
4.0 x 6.0 m	60/60/60 cm	2 layers of concrete slabs = approx. 240 kg
4 x 4 x 4 m	50/50/60 cm	1 layer of concrete slabs = approx. 120 kg
6 x 6 x 6 m	50/50/60 cm	1 layer of concrete slabs = approx. 120 kg

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



PUMAVision Headquarter,
in Herzogenaurach



SCHATTELLO Accessories and Bases

Additional protective sleeve,
in MayTex-Poly. Please state sunshade size.
Order No. **SA130**



SA130

**Additional protective sleeve with
telescopic system and zipper,**
in MayTex-Poly, length of telescope: 4.5 m.
Please state sunshade size.
Order No. **SA132**



SA132 / SA134

**Protective sleeve for sunshades with integrated
heaters, with telescopic system and zipper,**
in MayTex-Poly, length of telescope: 4.5 m.
Please state sunshade size.
Order No. **SA134**



XA141



SA140



Side sheets

SCHATTELLO Accessories and Bases

Rain gutter
in MayTex-Poly, with aluminium rods for stabiliza-
tion.
Can only be used with "straight valance".
Order No. **XA141**

Holder for side sheets and rain gutter
1 piece per spoke required.
Order No. **SA140**

Holder for suspended rain gutter
1 piece per spoke required.
Order No. **SA150**

Heaters and lighting
cf. Page 72 onward.

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

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

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

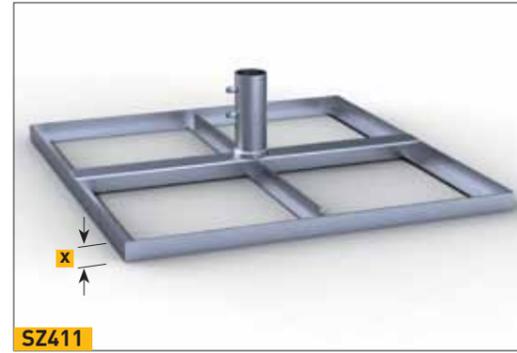
Side sheets
Textile in MayTex-Poly,
cf. Page 86 onward.

Full frame pedestals for 1 set of concrete slabs

*** NEW!** replaces SZ111

Full frame pedestal without slabs, for 1 Set of concrete slabs, 50 x 50 x 5 cm, galvanized, 103 x 111 cm, weight 30 kg, height of frame x= 5 cm, total height 33 cm.

Order No. **SZ411**



SZ411

*** NEW!** replaces SZ112

Full frame pedestal with 4 diagonal support levelling screws, without slabs, for 1 set of concrete slabs, galvanized, 103 x 111 cm, weight 30 kg, total height min. 32 cm, max. 36 cm.

Order No. **SZ412**



SZ412

*** NEW!** replaces SZ114

Full frame pedestal on wheels with heavy-duty rollers and fixing brakes, without slabs, for 1 set on concrete slabs, galvanized, 103 x 111 cm, weight 31 kg, total height 36 cm, diameter of rollers 5 cm. Attention: wind sensitive!

Order No. **SZ414**



SZ414

Customized pedestals (not available on stock)

Full frame pedestal with upper tube of SZ118 customized height to fit patio surface, for 1 set of standard concrete slabs, 50 x 50 x 5 cm, galvanized, 103 x 103 cm.

Order No. **SZ208**



SZ208

Full frame pedestal with placement hinge and upper tube of SZ150.

customized height to fit patio surface, for 1 set of standard concrete slabs, 50 x 50 x 5 cm, galvanized, 103 x 103 cm.

Order No. **SZ210**

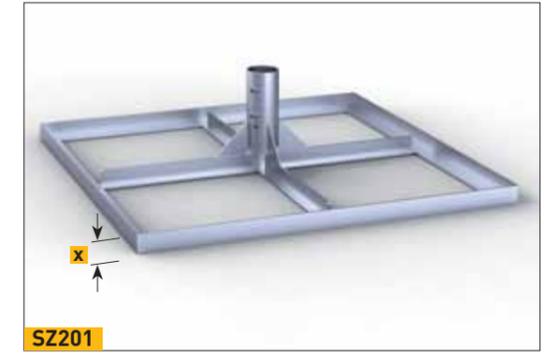


SZ210

Full frame pedestals for 2 sets of concrete slabs

Full frame pedestal without slabs for 2 sets of concrete slabs, galvanized, 103 x 103 cm, weight approx. 28 kg, height of frame x= 5 cm, total height 34 cm.

Order No. **SZ201**



SZ201

Full frame pedestal with four rubber diagonal support levelling screws, without slabs, for 2 sets of concrete slabs, galvanized, 103 x 103 cm, weight approx. 29 kg, total height min. 37 cm, max. 41 cm.

Order No. **SZ203**



SZ203

Full frame pedestal on wheels, with rubber heavy-duty rollers and fixing brakes, without slabs, for 2 sets of concrete slabs, galvanized, 103 x 103 cm, weight approx. 29 kg, total height 41 cm, diameter of rollers 5 cm. Attention: wind sensitive!

Order No. **SZ205**



SZ205

Theft pin padlock and pin, stainless steel For centre pole Ø 76 mm.

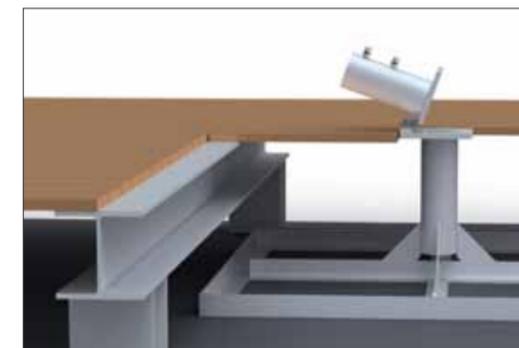
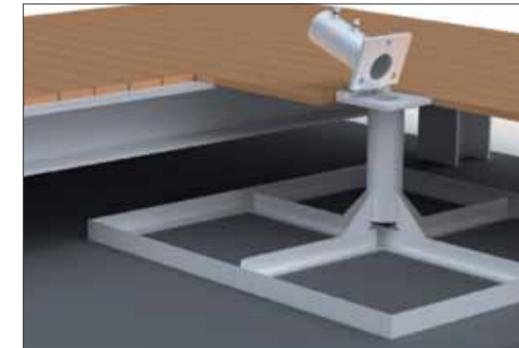
Order No. **200103**



200103

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

Order No. **XZ50**



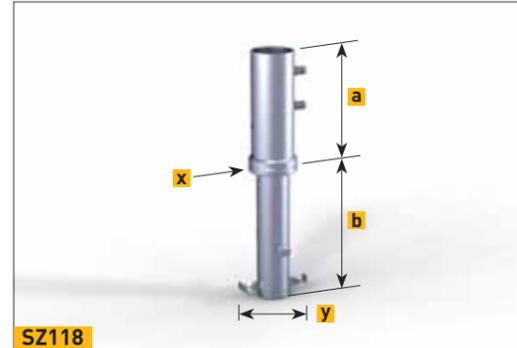
Installation of SZ210 in patio area.



XZ50

Anchor tube to be embedded in concrete,
2 pieces, screw-off upper part, for 8-segment shade,
galvanized, (also available in stainless steel)
weight 7 kg incl. top plate for winter protection,
a = 22 cm, b = 29 cm, x = Ø 10 cm, y = 16 cm.

Order No. **SZ118**

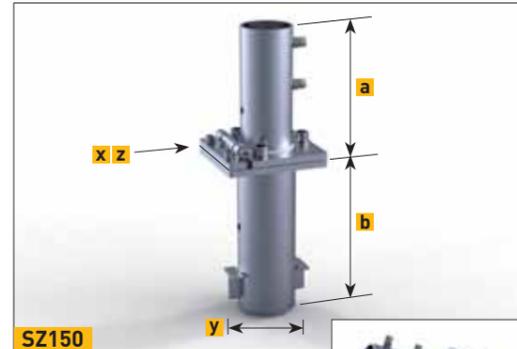


SZ118

Anchor tube to be embedded in concrete, with placement hinge

screw-off upper part, galvanized, weight 11 kg
incl. top plate for winter protection.
a = 23 cm, b = 28 cm, x = 16 cm, y = 17.5 cm, z = 15 cm.
Bore for power cable through centre post Ø 7 cm.

Order No. **SZ150**

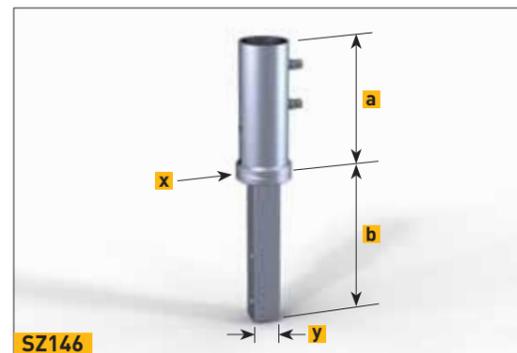


SZ150

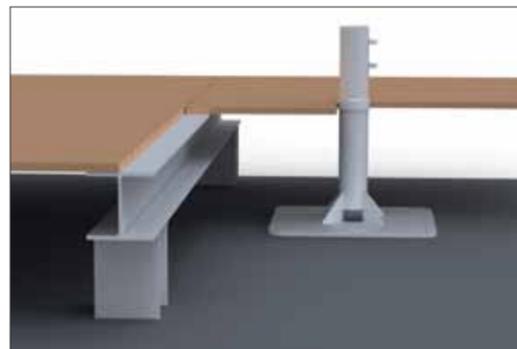


Anchor tube to be embedded in concrete
in pre-drilled bore-hole, 2 pieces, screw-off upper part,
incl. top plate for winter protection,
a = 22 cm, b = 29 cm, x = Ø 10 cm, y = 5 cm.

Order No. **SZ146**



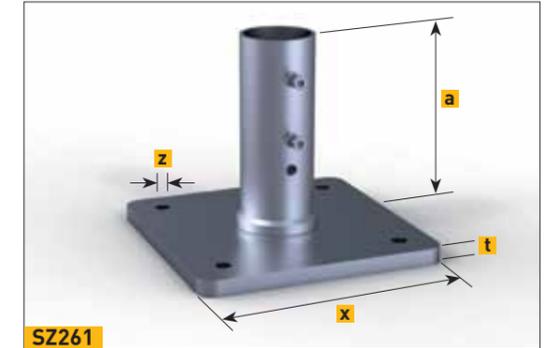
SZ146



Installation of SZ129
in patio area.

*** NEW!** replaces SZ123
Dowel-anchored plate
galvanized, weight 15 kg,
a = 22 cm, x = 30 cm, t = 2 cm, z = Ø 1.8 cm.

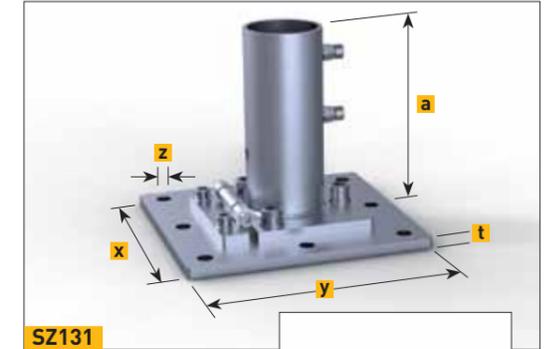
Order No. **SZ261**



SZ261

Dowel-anchored plate, with placement hinge,
galvanized, 28 x 26 x 1.2 cm, weight 11.2 kg,
a = 23 cm, x = 26 cm, y = 27.5 cm, t = 1.2 cm, z = Ø 1.8 cm.

Order No. **SZ131**



SZ131



*** NEU! Anchor bolt**
bolt and nut, fits for SZ261, SZ131, SZ127 and
SZ129; approved for cracked and non-cracked concrete
C20/25 to C50/60, also suitable for concrete
C12/15 and natural stone with dense structure; drill
hole diameter 16mm, drill hole depth 140 mm; in
stainless steel A4 1.4529, package contains 4 bolts,
European Technical Approval ETA-05/0069.

Order No. **200900**



200900

Customized installation bases
(not available on stock)

Dowel-anchored plate with placement hinge and upper tube of SZ150
customized height to fit patio surface,
galvanized, anchor plate 50 x 50 cm.

Order No. **SZ127**



SZ127



Dowel-anchored plate upper tube of SZ118
customized height to fit patio surface,
galvanized, anchor plate 50 x 50 cm.

Order No. **SZ129**



SZ129



The jewel of our large-area sunshades

- 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 sunshade 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 sunshades stand out by virtue of their maintenance-free drive and particularly robust construction. ALBATROS – technically speaking, SCHATTELLO's big brother.





Operating the sunshade

ALBATROS, our large-area sunshade, 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 sunshades are all made of high-quality alloyed, extruded aluminium profiles. Frame surfaces are powder-coated, highly impact-proof, and available in white RAL 9010. Special colours available on request. All parts are completely maintenance-free.

- 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 88 onward.

Valance options

- without valance
- straight valance
- Deluxe valance cf. Page 94

When not in use

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

Mounting

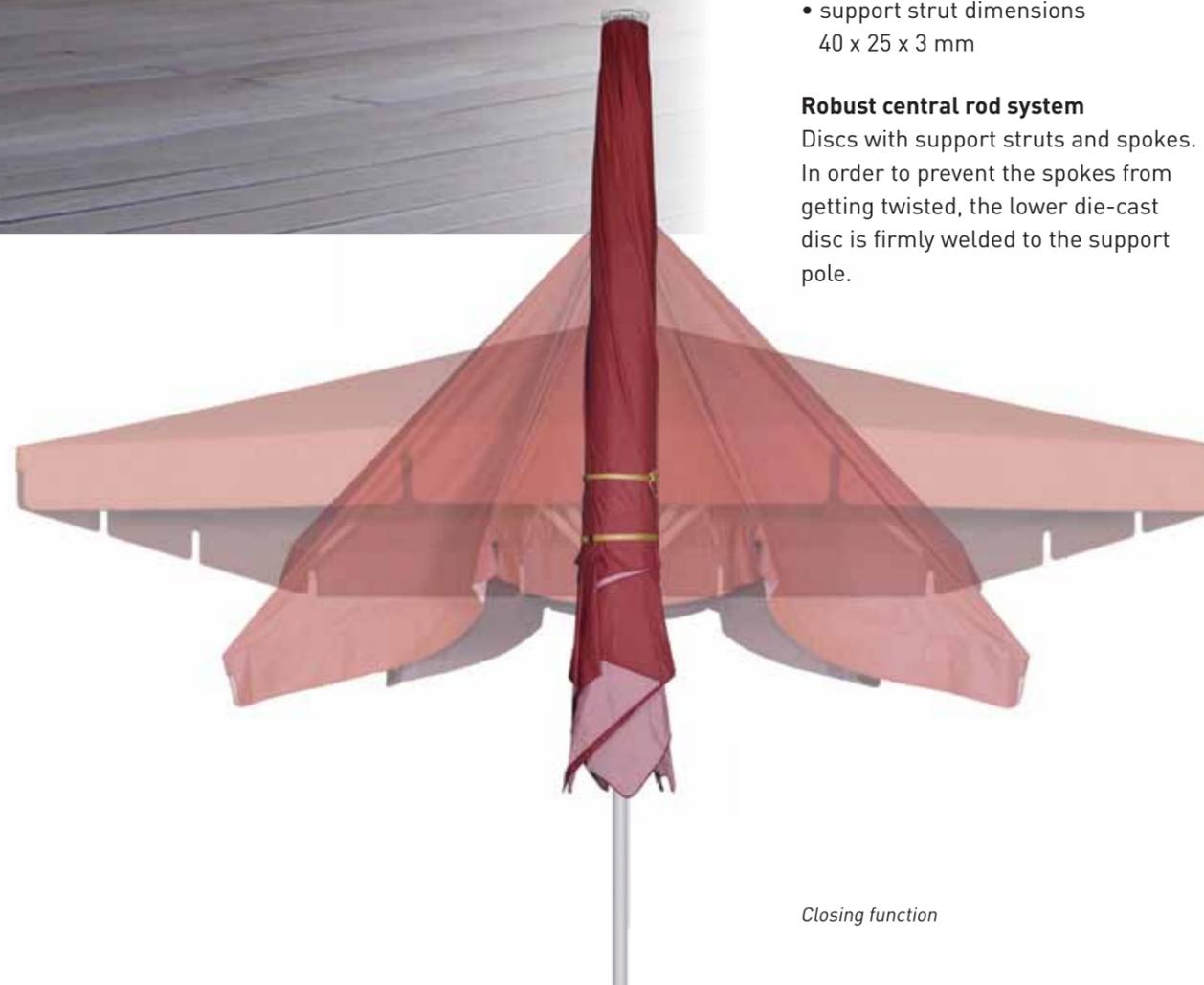
- Pull parasol out of cardboard sleeve.
- Remove all packaging material.
- Place parasol mast in holding tube. That's all – ready for use in minutes!

Installation options

- mobile
- stationary cf. Page 76 onward

Additional equipment

- Side sheets
- Rain gutter
- Heaters, lighting and loud speakers cf. Page 78 onward



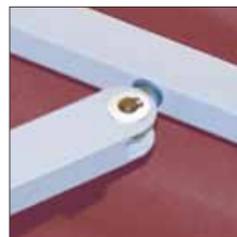
Closing function



Operating mechanism



High-quality framework



Frame joints



Top plate



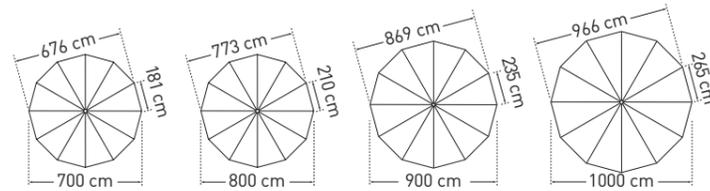
Canopy covering



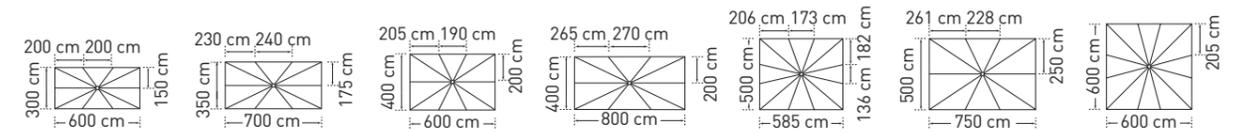
Without valance



Straight valance



Model ALBATROS		Ø 7 m	Ø 8 m	Ø 9 m	Ø 10 m ¹⁾
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 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
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		Ø 45 cm, length 580 cm, weight 30 kg			

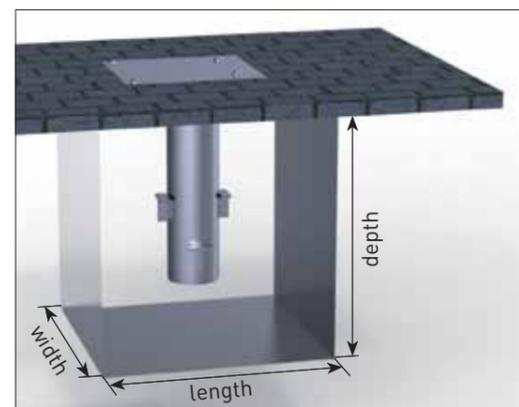


3 x 6 m	3,5 x 7 m	4 x 6 m	4 x 8 m	5 x 5,85 m	5 x 7,5 m	6 x 6 m
10	10	10	10	12	10	12
18	24,5	24	32	29	37,5	36
483	490	520	538	525	535	535
305	312	325	345	329	329	345
216	216	213	217	213	213	210
242	242	242	242	240	240	245
33	33	33	33	33	33	33
132	83	145	70	130	72	95
92	92	70	92	92	92	92
198	205	183	205	190	200	200
99	104	104	129	106	129	113
outer Ø 100 (pole thickness 5)						
Ø 45 cm, length 580 cm, weight 30 kg						

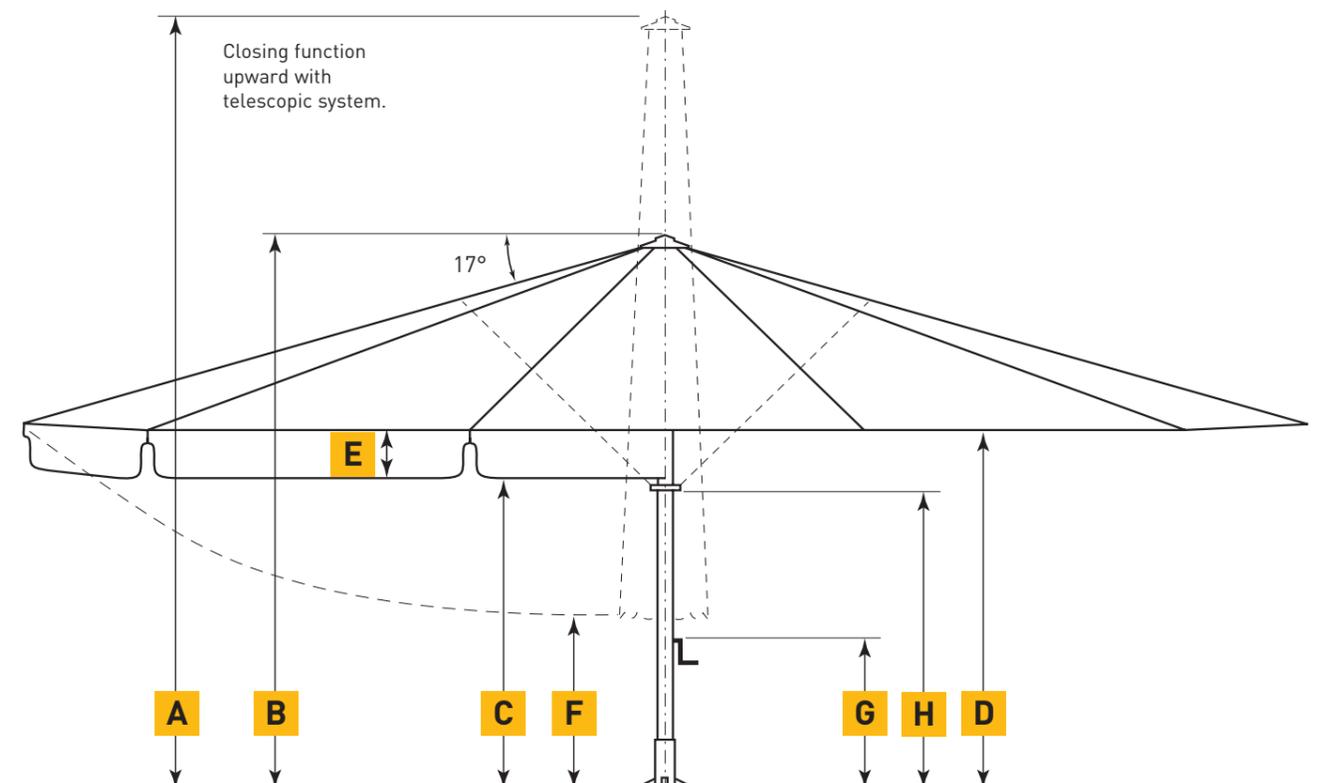
¹⁾ When concrete slabs are used as ballast, the shade cannot be fully closed because of the length of the spokes. In this case the length of the mast can be extended by 20 cm at an extra charge (cf. price-list Accessories). Note that the height dimensions then have to be increased by 20 cm.

All particulars given refer to sunshades fitted with MayTex-Acryl covering. Intermediate and special sizes on request.

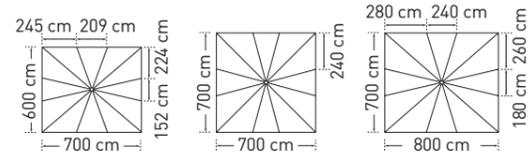
3D view of installation base with top plate for winter protection. Base must be frost-proof and enlarged if the ground is unstable.



Installation base and ballast		
Size of sunshade min. depth	Installation base width/length/ (incl. frame)	Required ballast for mobile installation
Ø 7 m	80/80/60 cm	6 layers of concrete slabs = approx. 720 kg
Ø 8 m	80/80/60 cm	8 layers of concrete slabs = approx. 980 kg
Ø 9 m	90/90/60 cm	10 layers of concrete slabs = approx. 1240 kg
Ø 10 m	100/100/60 cm	13 layers of concrete slabs = approx. 1560 kg
3 x 6 m	70/70/60 cm	6 layers of concrete slabs = approx. 720 kg
3,5 x 7 m	70/70/60 cm	6 layers of concrete slabs = approx. 720 kg
4 x 6 m	70/70/60 cm	6 layers of concrete slabs = approx. 720 kg
4 x 8 m	70/70/60 cm	6 layers of concrete slabs = approx. 720 kg
5 x 5,85 m	70/70/60 cm	6 layers of concrete slabs = approx. 720 kg
5 x 7,5 m	70/70/60 cm	6 layers of concrete slabs = approx. 720 kg
6 x 6 m	70/70/60 cm	6 layers of concrete slabs = approx. 720 kg



ALBATROS – Sizes and Technical Data

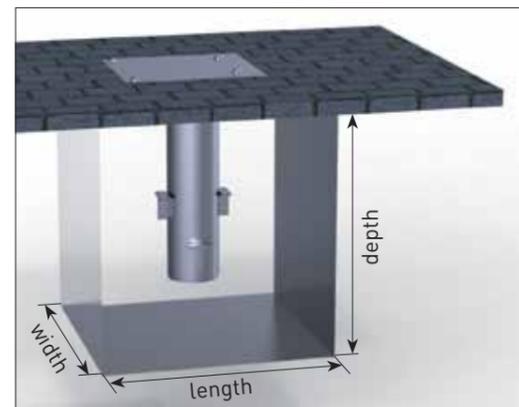


Model ALBATROS		6 x 7 m	7 x 7 m ¹⁾	7 x 8 m ¹⁾
Segments		12	12	12
Area		m ² 41	49	56
A	Height closed incl. top plate	cm 555	550	570
B	Height opened incl. top plate	cm 359	355	375
C	Headroom with valance	cm 213	210	210
D	Headroom without valance	cm 242	245	245
E	Height valance	cm 33	33	33
F	Ground clearance 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: cardboard sleeve		Ø 45 cm, length 580 cm, weight 30 kg		

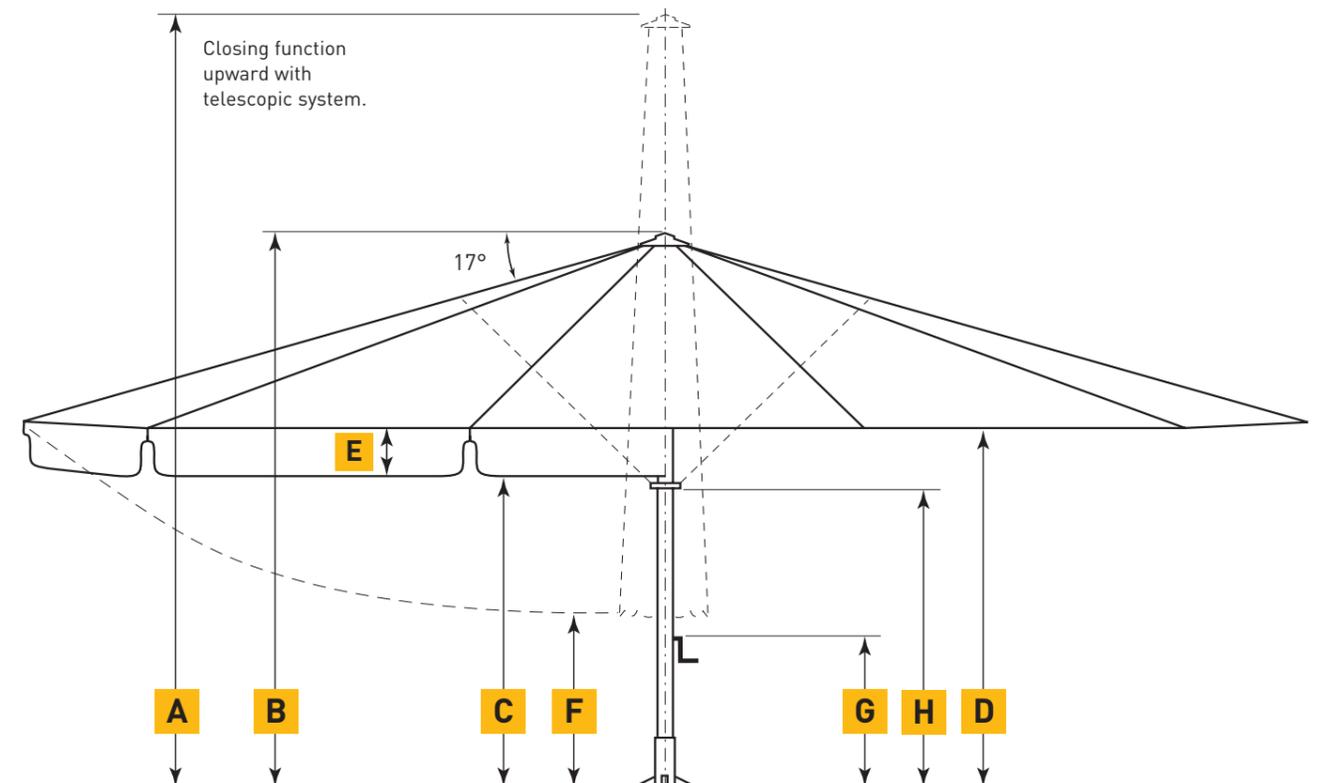
¹⁾ When concrete slabs are used as ballast, the shade cannot be fully closed because of the length of the spokes. In this case the length of the mast can be extended by 20 cm at an extra charge (cf. price-list Accessories). Note that the height dimensions then have to be increased by 20 cm.

All particulars given refer to sunshades fitted with MayTex-Acryl covering. Intermediate and special sizes on request.

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



Fundament und Ballast		
Size of sunshade min. depth	Installation base width/length/ (incl. frame)	Required ballast for mobile installation
6 x 7 m	80/80/60 cm	6 layers of concrete slabs = approx. 980 kg
7 x 7 m	80/80/60 cm	8 layers of concrete slabs = approx. 980 kg
7 x 8 m	90/90/60 cm	10 layers of concrete slabs = approx. 1240 kg





ALBATROS Accessories and Bases

Additional protective sleeve,
in MayTex-Poly. Please state sunshade size.
Order No. **AA130**



AA130

Additional protective sleeve with telescopic system and zipper,
in MayTex-Poly, length of telescope: 4.5 m.
Please state sunshade size.
Order No. **AA132**

Protective sleeve for sunshades with integrated heaters, with telescopic system and zipper,
in MayTex-Poly, length of telescope: 4.5 m.
Please state sunshade size.
Order No. **AA134**

Hexagonal fitting
for speedy opening and closing of sunshade
with battery-powered drill.
Order No. **200112**



AA132 / AA134



XA141



AA140



Side sheet

Albatros Accessories and Bases

Rain gutter
in MayTex-Poly, with aluminium rods for stabilization.
Can only be used with "straight valance".
Order No. **XA141**

Holder for side sheets and rain gutter
1 piece per spoke required.
Order No. **AA140**

Holder for suspended rain gutter
1 piece per spoke required.
Order No. **AA150**

Heaters and lighting
cf. Page 72 onward.

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

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

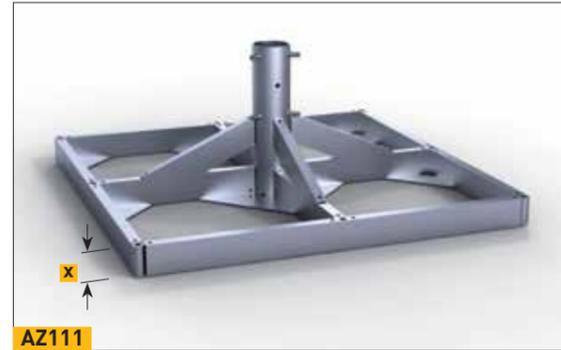
Canopy covering PVC-Era
approx. 380g/m².

Side sheets
Textile in MayTex-Poly,
cf. Page 86 onward.

ALBATROS – mobile installation options

Full frame pedestal, without slabs, for XZ49 or standard concrete slabs, 50 x 50 x 5 cm (one edge cut off), theft pin as standard fitting, galvanized, 112 x 112 cm, weight approx. 60 kg, frame height x = 9 cm, total height 46 cm.

Order No. **AZ111**



Full frame pedestal with 8 diagonal support levelling screws, without slabs, for XZ49 or standard concrete slabs, 50 x 50 x 5 cm (one edge cut off), theft pin as standard fitting, galvanized, 112 x 112 cm, weight approx. 63 kg, total height min. 48 cm, max. 53 cm.

Order No. **AZ112**



Concrete slabs with cut off edge. 1 set = 4 slabs, each 50 x 50 x 5 cm, weight per slab: approx. 28 kg.

Order No. **XZ49**

Steel slabs

1 set = 4 slabs, each 50 x 50 x 1.2 cm, weight per slab: approx. 24 kg, galvanized.

Order No. **XZ51**

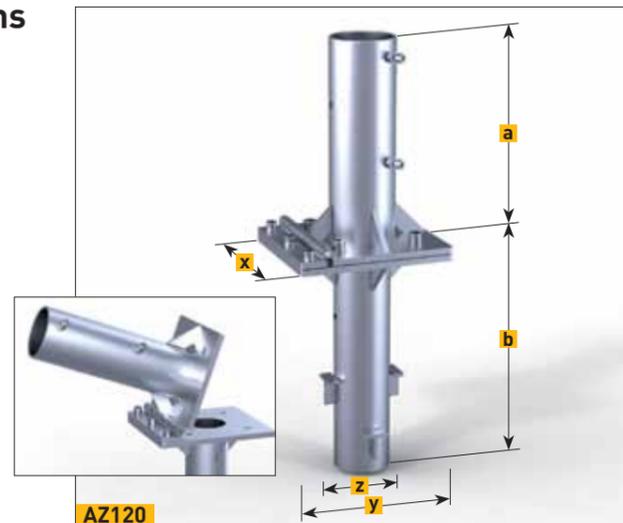
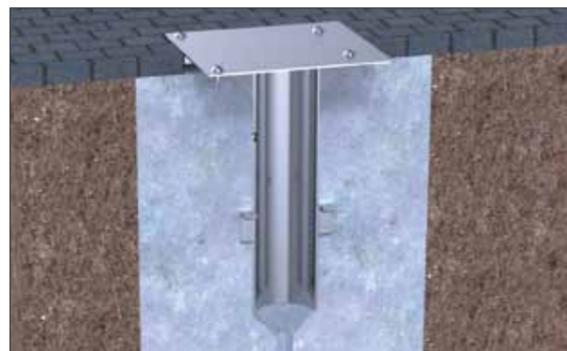


ALBATROS – stationary installation options

Anchor foot with placement hinge, to be embedded in concrete, 2 pieces, theft pin as standard fitting, galvanized, weight 20.5 kg. Pre-drill sunshade with anchor foot on site.

a = 36 cm, b = 41 cm, x = 24 cm, y = 27.5 cm, z = 14.5 cm.

Order No. **AZ120**



3-dimensional view of installation base for AZ120 with trip-proof top plate for winter protection.

ALBATROS – stationary installation options

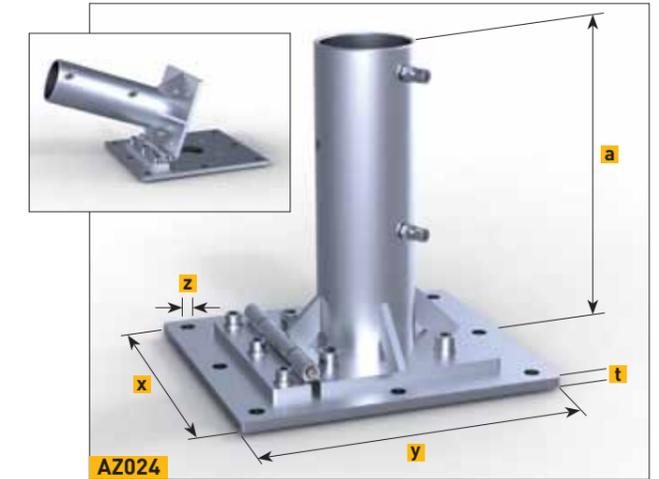
Dowel-anchored plate, with placement hinge, 2 pieces, theft pin as standard fitting, galvanized, weight 22 kg. Pre-drill sun-shade with anchor foot on site, a = 37.5 cm, x = 34 cm, y = 37.5 cm, t = 1.2 cm, z = Ø 1.8 cm.

Order No. **AZ024**

Theft pin

padlock and pin, stainless steel. For centre pole Ø 100 mm.

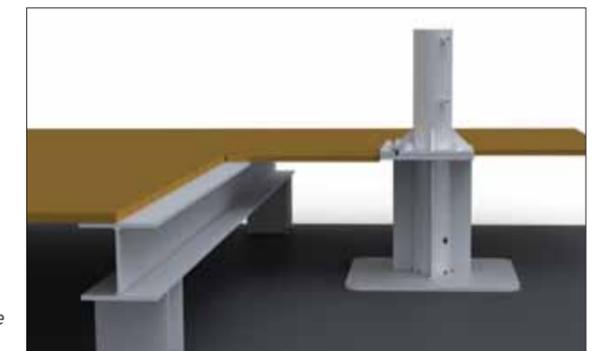
Order No. **200826**



Customized installation bases (not available on stock)

Dowel-anchored plate with placement hinge and upper tube of AZ120 customized height to fit patio surface, galvanized, anchor plate 50 x 50 cm.

Order No. **AZ128**



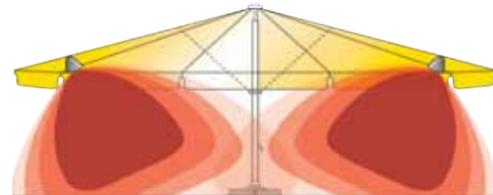
3D view of installation base for AZ128 with trip-proof top plate for winter protection.

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 umbrella 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 umbrella 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.

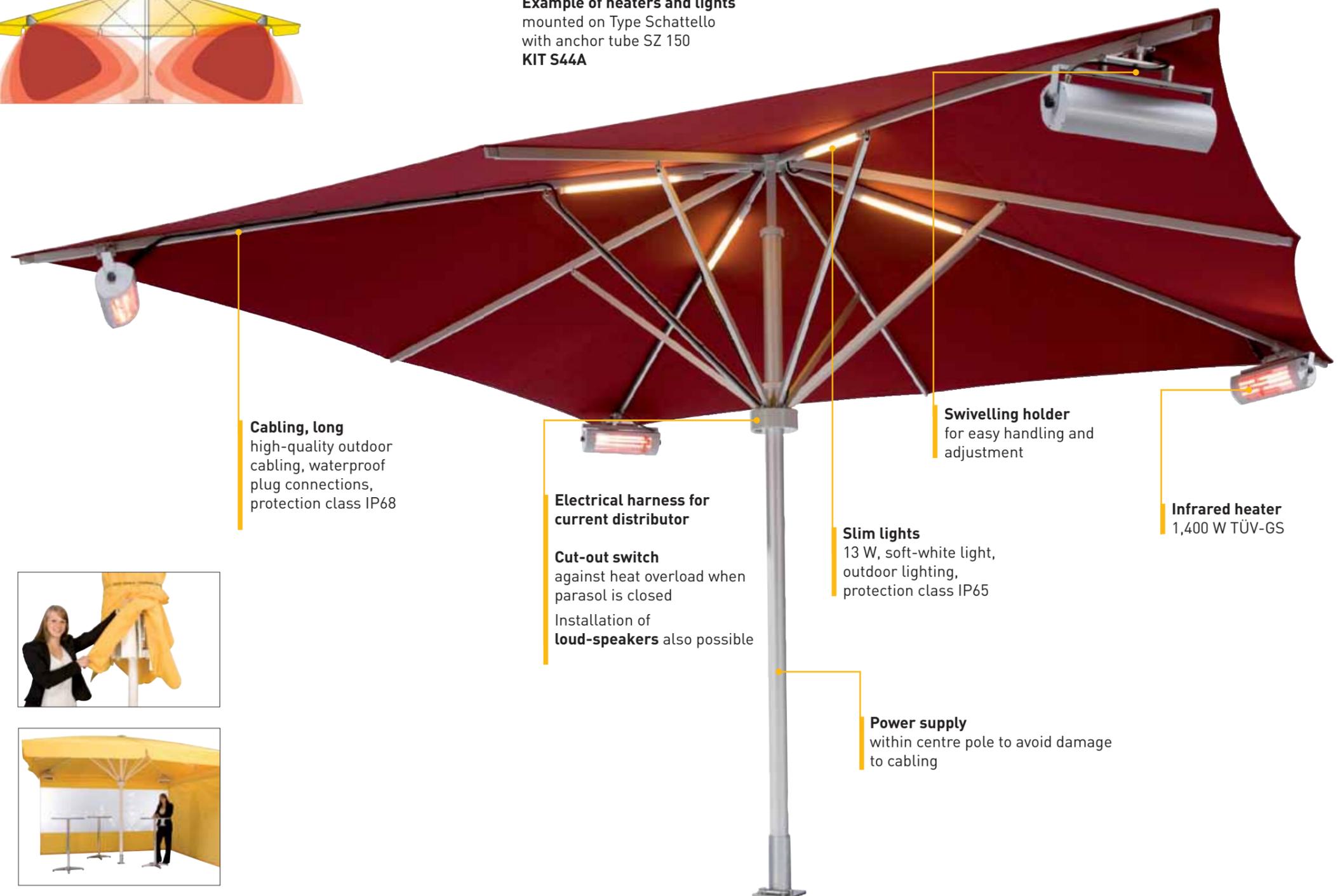


Wind shelter for smoking areas

With the help of side sheets, your giant umbrella 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 80 onward.



Example of heaters and lights mounted on Type Schattello with anchor tube SZ 150 KIT S44A



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

Electrical harness for current distributor

Cut-out switch
against heat overload when parasol is closed
Installation of **loud-speakers** also possible

Swivelling holder
for easy handling and adjustment

Slim lights
13 W, soft-white light, outdoor lighting, protection class IP65

Infrared heater
1,400 W TÜV-GS

Power supply
within centre pole to avoid damage to cabling

Practical MAY premium kits with lights and heaters

The list opposite shows the usual components of our all-in kits.

If you wish to equip Types Schattello or Albatros with lighting and heaters, just choose the parasol size preferred and one of the kits listed.

Information on the individual kit components is to be found on page 74 onward.

General information: Schattello kits

The kits can only be used with anchor tubes SZ150, SZ131 or SZ127.

Cabling is for high-voltage current 380 V.

Adapter 200567 is necessary for parasol sizes 3 x 3 m, 3 x 5 m, and 4 x 6 m, as well as for 12-segment parasols sized Ø 6 m and Ø 7 m. At extra charge.

SCHATTELLO

Kit S42A For Type Schattello.

consisting of:	Qty.	Order No.
Power supply within centre pole	1	200369
Electrical harness	1	200565
Parasol closure cut-out switch	1	200563
Cabling, long – only possible along diagonal spokes	2	200579
Swivelling holder	2	202040
Infrared heater	2	200408
Slim light 13 W	4	202092

For parasol sizes Ø 4 m, Ø 5 m and 3.5 x 3.5 m please opt for Kits No. S42Z and S44Z.

Kit S44A For Type Schattello.

consisting of:	Qty.	Order No.
Power supply within centre pole	1	200369
Electrical harness	1	200565
Parasol closure cut-out switch	1	200563
Cabling, long – only possible along diagonal spokes	4	200579
Swivelling holder	4	202040
Infrared heater	4	200408
Slim light 13 W	4	202092

For parasol sizes Ø 4 m, Ø 5 m and 3.5 x 3.5 m please opt for Kits No. S42Z and S44Z.

Kit S42Z For Type Schattello.

necessary only for sizes Ø 4 m, Ø 5 m and 3.5 x 3.5 m	Qty.	Order No.
consisting of:		
Power supply within centre pole	1	200369
Electrical harness	1	200565
Parasol closure cut-out switch	1	200563
Cabling, short (please state position intended)	2	200585
Swift-fold spar	2	200578
Infrared heater	2	200408
Slim light 13 W	4	202092

Kit S44Z For Type Schattello.

necessary only for sizes Ø 4 m, Ø 5 m and 3.5 x 3.5 m	Qty.	Order No.
consisting of:		
Power supply within centre pole	1	200369
Electrical harness	1	200565
Parasol closure cut-out switch	1	200563
Cabling, short (please state position intended)	4	200585
Swift-fold spar	4	200578
Infrared heater	4	200408
Slim light 13 W	4	202092

Lighting kit For Type Schattello and Albatros.

consisting of:	Qty.	Order No.
Power supply within centre pole	1	200369
Slim light 13 W	4	202092

General information: Albatros kits

The kits can only be used with anchor foot AZ120 or anchor plate with placement hinge AZ024. Cabling is for high-voltage current, 380 V.

ALBATROS

Kit A64A For Type Albatros.

consisting of:	Qty.	Order No.
Power supply within centre pole	1	200369
Electrical harness	1	200566
Parasol closure cut-out switch	1	200563
Cabling, long – only possible along diagonal spokes	4	200579
Swivelling holder	4	200577
Infrared heater	4	200408
Slim light 13 W	6	202093

Kit A66A For Type Albatros.

consisting of:	Qty.	Order No.
Power supply within centre pole	1	200369
Additional power supply	1	200562
Electrical harness	1	200566
Parasol closure cut-out switch	1	200563
Cabling, long – alternate spokes only	6	200579
Swivelling holder	6	200577
Infrared heater	6	200408
Slim light 13 W	6	202093



Customized options and kit components

Compile your very own parasol equipment. As you can see from the list opposite, the kit components cover 6 main aspects.

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

The order numbers indicated here refer to Type Schattello.

1. Power supply
2. Current distribution
3. Mounting of the heater
4. Infrared heater
5. Safety and energy-saving options
6. Lighting
7. Stereo loud-speakers

1. Power supply

Anchor tube with placement hinge Order No. SZ150

Underground power supply is the safest and neatest option. The parasol just needs to be connected to the on-site underground cables. The connection itself is within the anchor tube and becomes invisible. The placement hinge makes installation easy. No damage to cables. cf. Page 64.

External mast-mount plug Order No. 200582

Special care needs to be taken for parasols on a mobile pedestal base. An RCD-plug ensures appropriate protection. Only for 400 V connection.

Internal 2-circuit wiring Order No. 200587

Standard parasols with heaters require a 400 V connection. If no high-voltage current is available, 2 x 230 V cabling can be installed. In that case a maximum of 4 heaters can be fitted.

Power supply within centre pole Order No. 200369

Maximum safety is guaranteed by running the cabling through the support pole to the electrical harness. The risk of leakage or external hazards is thus minimized.

Power supply along one of the spokes Order No. 202052

Electric current can be run along a parasol spoke, provided there is a nearby socket in the wall of the house at a height of approx. 2 m. At the end of a spoke of your choice there should be ca. 1 m extra length of cable, which, after opening the parasol, is plugged into the socket. Plug not included in the kit.

2. Current distribution

Electrical harness Order No. 200565

Full wiring in accordance with the circuit system is skilfully enclosed in this inconspicuous electrical harness – no cable tangle. Thus it complements the prevailing elegance of the parasol.

Cabling, long Order No. 200579

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



Infrared heater on swivelling holder



Infrared heater on swift-fold spar



3. Mounting of the heater

Swivelling holder Order No. 202040

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.

Swift-fold spar Order No. 200578

Parasols size Ø 4 m, 5 m and 3.5 x 3.5 m are equipped with swift-fold spars instead of swivelling holders. These spars can be folded down individually before parasol closure. Again, as with the swivelling holder, it is not necessary to dismount the heaters.

4. Infrared heater

Infrared radiant heater 1,400 W Order 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-GS tested.

5. Safety and energy-saving options

Automatic parasol closure cut-out switch Order No. 200563

If the parasol is to be closed regularly at night, an automatic cut-out switch is advisable. Should the service staff forget to switch off the heaters before closing the parasol, heat may accumulate and possibly cause considerable damage. An automatic safety switch will ward off such danger.

Timer switch Order 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. Lighting

Slim lights Order No. cf. pricelist

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 2700°K lights are screwed directly onto the main spokes.





7. Stereo loud-speakers

Order 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. Loud-speaker impedance: 8 Ohms each. Audio cables are run through the centre of the support mast into the anchor tube.

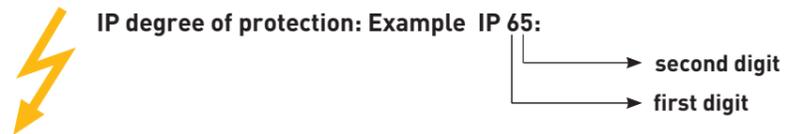
Guide to IP protection classification

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.

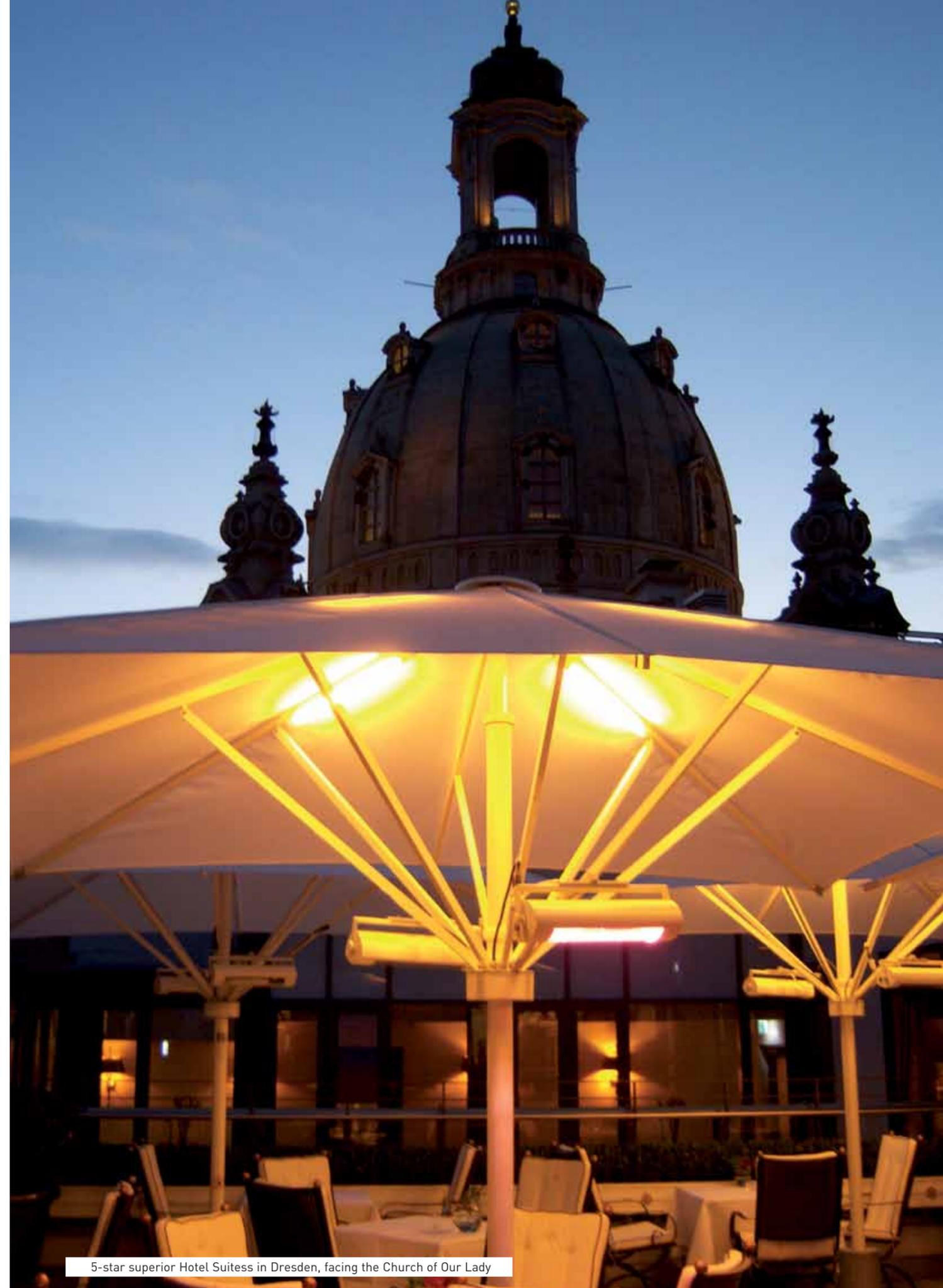
Protection level of electrical components:

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.



First digit (6)		
IP degree:	Protection against contact	Protection against foreign objects
0	no protection	no protection
1	large-area parts of the body (e.g. back of the hand)	large foreign objects ($\varnothing > 50 \text{ mm}$)
2	finger	medium-sized foreign objects ($\varnothing > 12 \text{ mm}$)
3	tools and wires ($\varnothing > 2.5 \text{ mm}$)	small foreign objects ($\varnothing > 2.5 \text{ mm}$)
4	tools and wires ($\varnothing > 1 \text{ mm}$)	grain-shaped foreign objects ($\varnothing > 1 \text{ mm}$)
5	complete protection against contact	dust deposits
6	complete protection against contact	compl. protection against penetration of dust

Second digit (5)	
IPdegree:	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

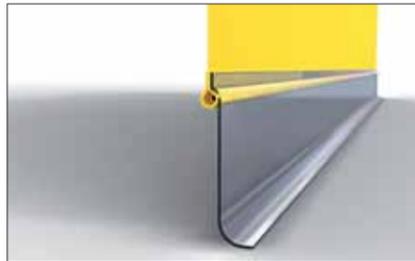
Side sheets provide all-weather protection and ward off side-winds. The Polyester material is durable and can be imprinted with any graphic design of your choice. Several variations are available, e.g. without windows, with windows or with an continuous light belt.

- 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 FA140, SA140 or AA140, depending on your parasol type.

	FILIUS	SCHATTELLO	ALBATROS
A	•	•	•
B	•	•	•
C	•	•	-
D	•	•	•
E	•	•	-
F	•	•	•
G	•	•	•



Side sheet holder



Variable bottom end of side sheet

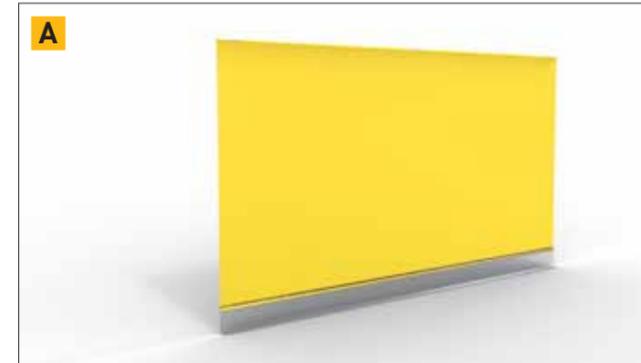


Aluminium rod in textile pocket

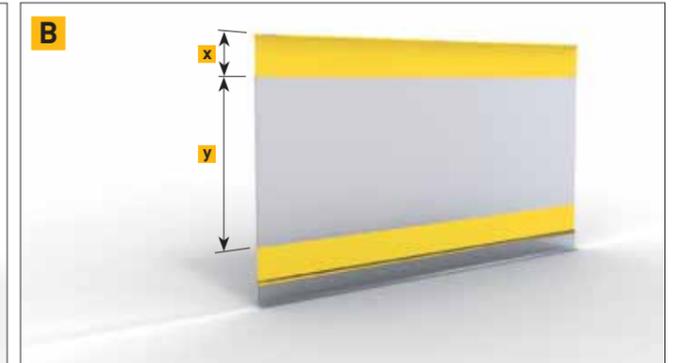


Installation of side sheet variations B and A

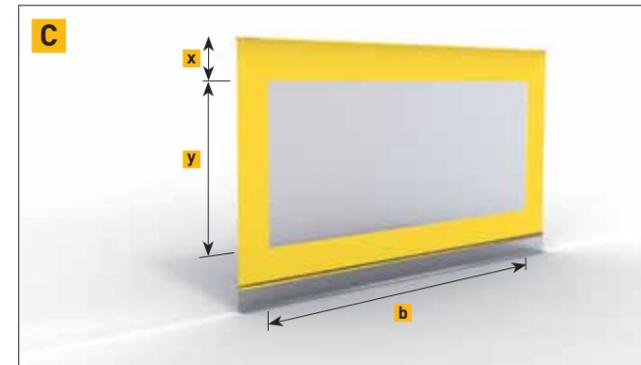
The side sheets shown below span two canopy segments and are fastened to 3 spokes.



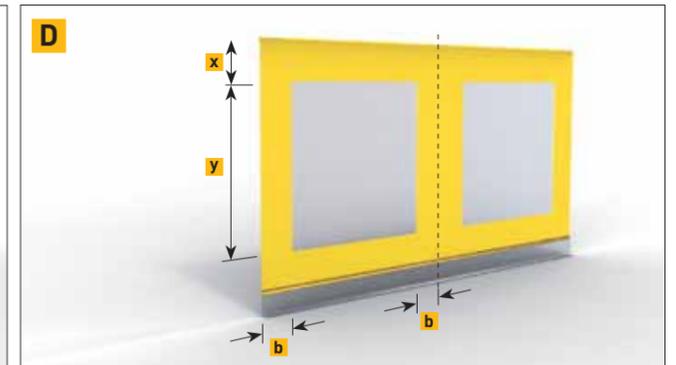
Side sheet without windows



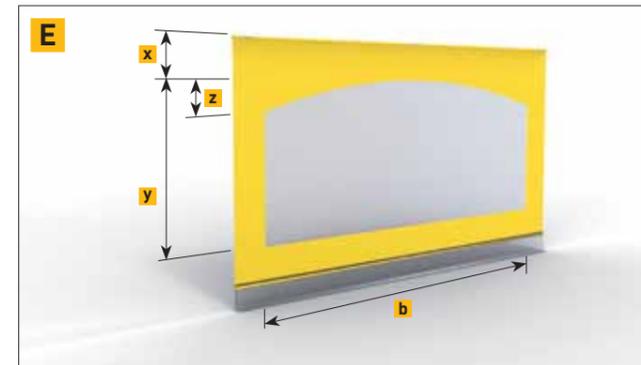
Side sheet with continuous light belt



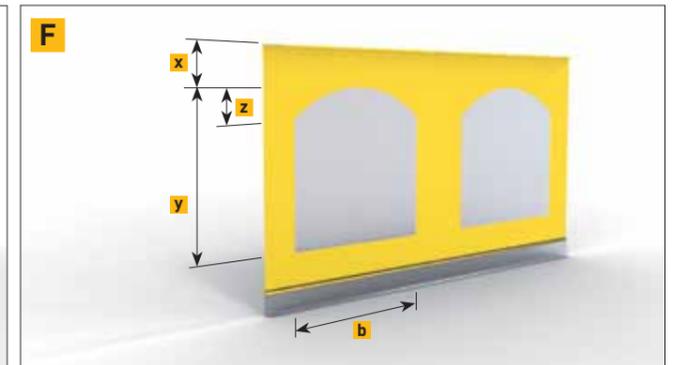
Side sheet with one window across two segments



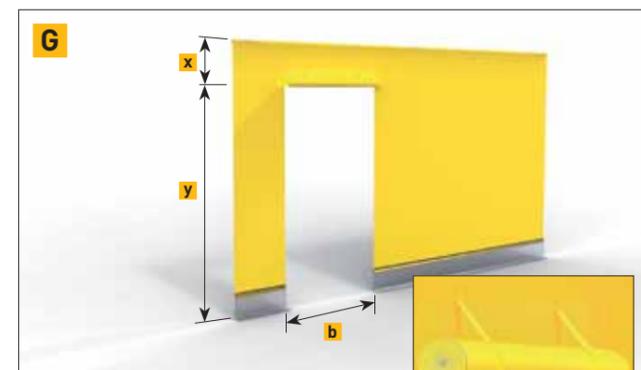
Side sheet with one window per segment



Side sheet with one arched window across two segments



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
B	35	135	-	-
C	35	135	-	variable
D	35	135	-	30
E	35	135	25	variable
F	35	135	25	120
G	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 314 033 ivory



SA 314 580 white/yellow knopped



SA 314 014 mandarin



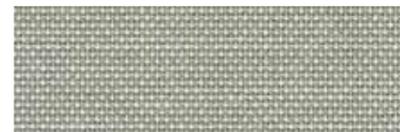
SA 314 325 ecru



SA 314 583 yellow/grey/yellow knopped



SA 314 019 terracotta



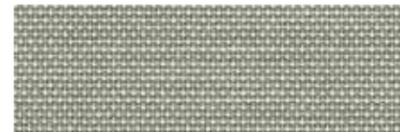
SA 314 044 grey/white



SA 314 045 pyrite



SA 314 002 orange



SA 314 364 telegrey/white



DA 7560 light yellow



SA 314 001 cherry



SA 314 471 silver-grey/dark brown knopped



SA 314 003 yellow



SA 314 347 ruby



SA 314 344 multi-colour



SA 314 038 beige



SA 314 022 rust



SA 314 763 bordeaux



SA 314 011 royal blue



SA 314 271 navy blue/black



SA 314 362 dark green



SA 314 006 sapphire



SA 314 154 black



SA 314 257 green/black



SA 314 414 navy blue

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 maize



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

PVC

- 100% high-tenacity Polyester fabric (PES)
- both-sided PVC antifungal finish
- 100% waterproof
- high UV resistance and weatherability due to special surface sealing (top finish)
- resistant against high and low temperatures
- long-lasting elegance in shape and brilliance in colour
- scratch-resistant, easy-care, distortion-free
- easy to keep clean, both when fitted on the parasol or detached
- protection against UV rays
- colour fastness

We also supply parasols with flame-retardant fabrics for indoor areas (DIN 4102 B1) on request.

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



00 white



20 ivory



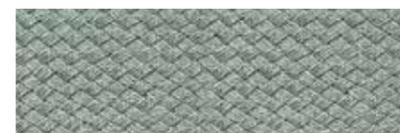
10 pyrite



11 beige



52 natural tan



147 opal



18 silver



32 yellow



15 ochre



148 terrakotta



81 orange



82 red



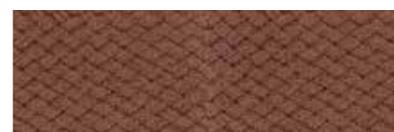
85 cherry



86 bordeaux



83 rust



25 light brown



27 dark brown



19 black



79 mandarin



63 blue



62 royal blue



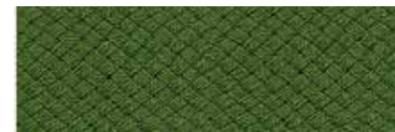
66 sapphire



91 navy blue



42 lime



45 olive



44 pine green



95 dark green

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.

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.

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



Product Line	SPF	UV Standard	Well-being	Other
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 314 019, 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 314 763		80		●
SA 314 325, SA 314 471, SA 314 583	60			●
SA 314 010, SA 314 580, SA 314 018, SA 314 033	40			●
DA 7560	60		●	●
VALMEX MayTex-Poly		80		

How high is your personal protection factor?



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		
				200-400 minutes	300-600 minutes	400-800 minutes
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 a very good tan	ca. 60 minutes	ca. 2400 minutes	ca. 3600 minutes	ca. 4800 minutes
6	black skin, black hair, black eyes	no sunburn a very good tan	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

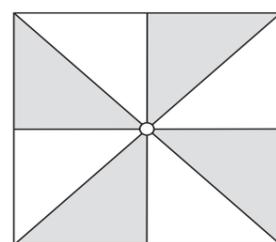
If requested, we will be pleased to forward our information sheet titled "Cleaning the awning fabric".

Characteristic features of our sewing yarn:

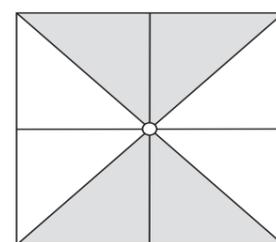
- high tensile strength
- optimum abrasion resistance
- well-balanced elongation property
- high thermal resilience
- good light and weather fastness
- tested acc. to Öko-Test Standard 100

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).



1/8-division



1/4-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.



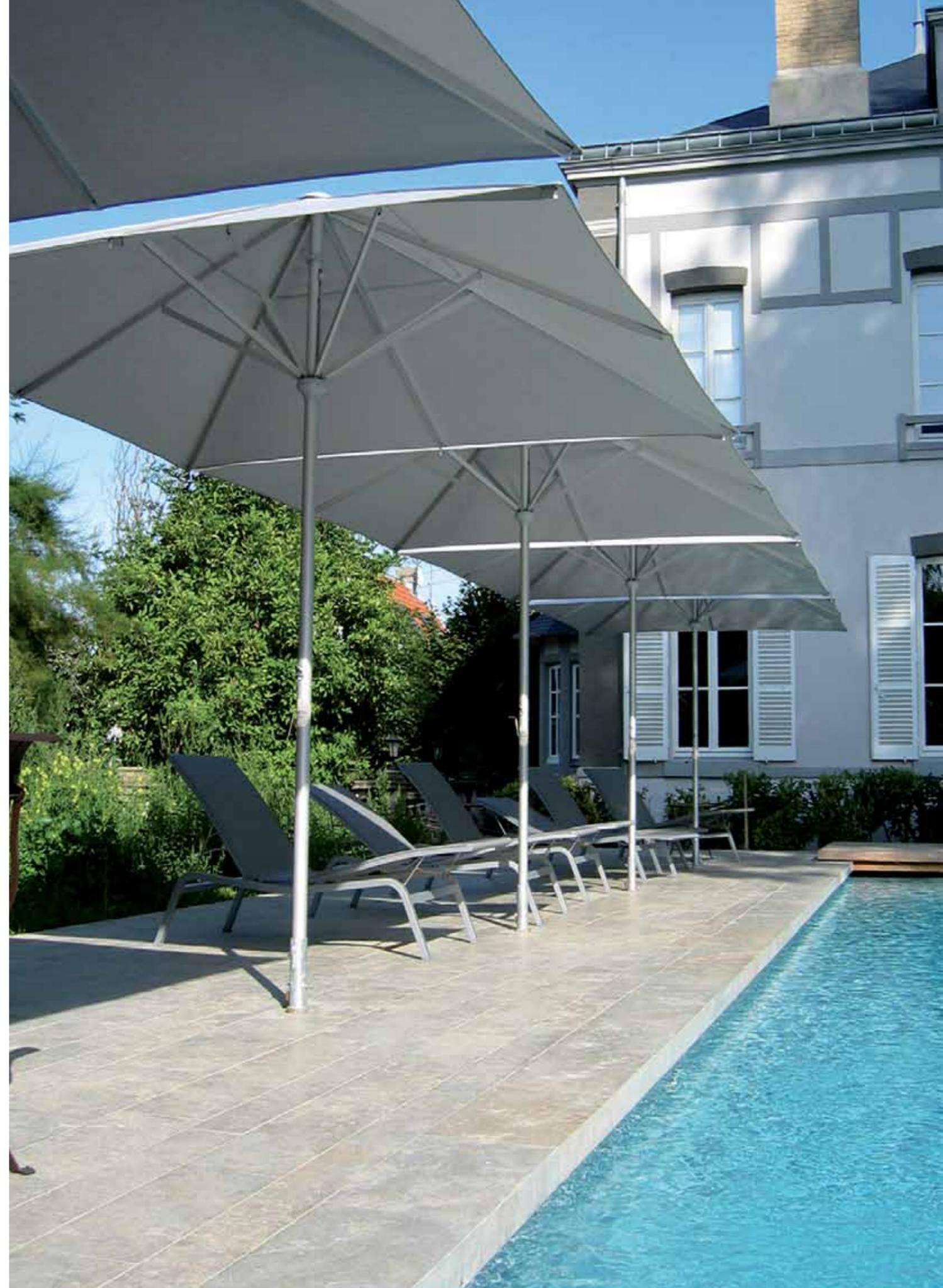
Example of bordering

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 ad-printing. Please note that height measurements of all sunshades with DeLuxe valances are reduced by 10 cm.



DeLuxe valance



The in- vogue combination for successful on-site marketing

Print your ads on sunshade 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.