

Summer, Sun – MAY





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Anton May, company founder

In 1983, Anton 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)



CAD construction of the mechanism of a MAY parasol



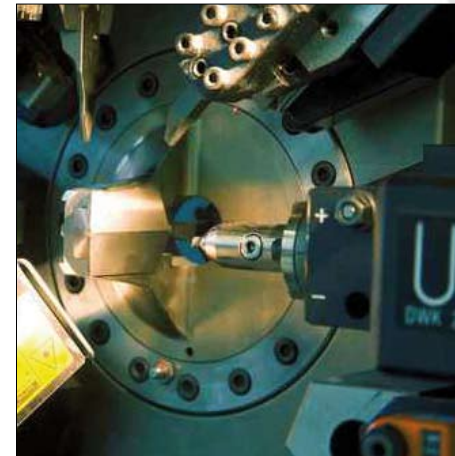
For nearly 25 years MAY has been a leading trade name for premium parasols. Right from the start, the company has resolutely pursued a policy of transferring creative concepts into technical solutions. The result: multi-purpose sunshades, used and proven in all kinds of weather, day by day, worldwide.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

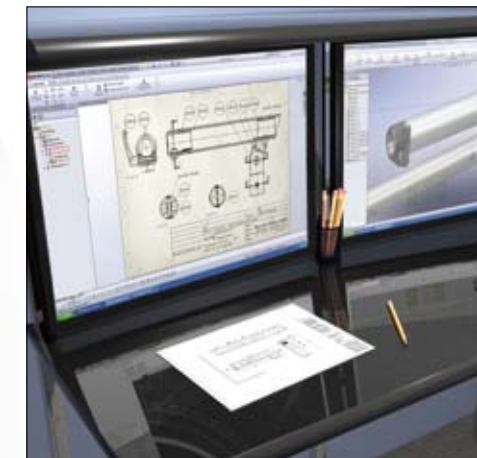
It's the small details that make a great difference.

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

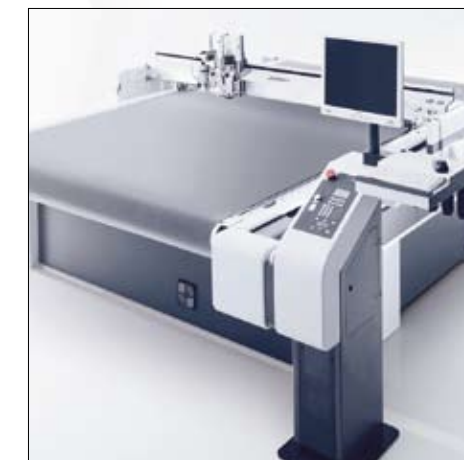
MAY – shade systems made in Germany



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

- Leacril 300 g/m²
- Airtex 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 84 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.

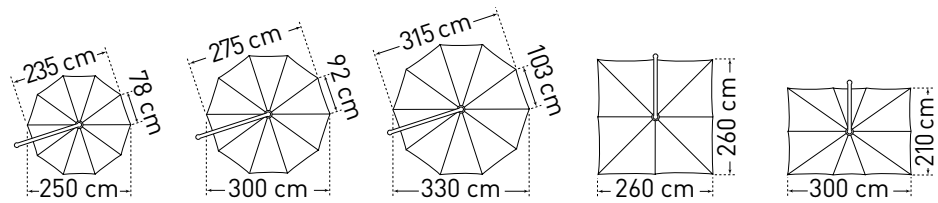


Ergonomic handling



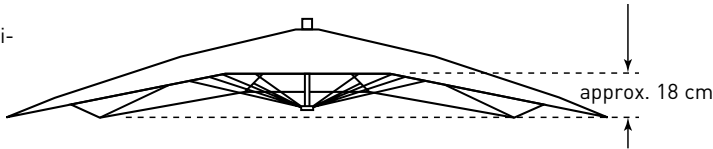
Stability while in use





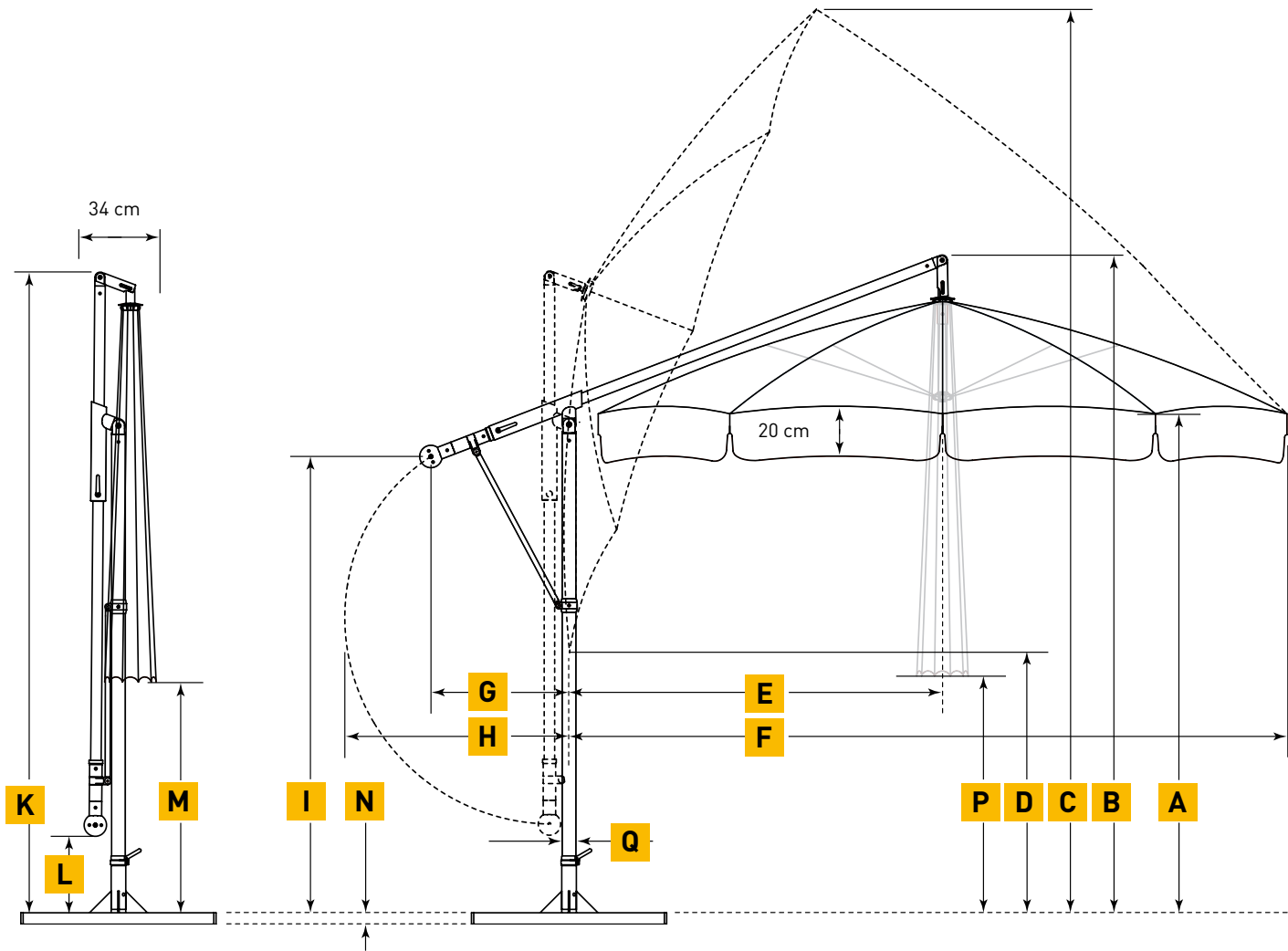
MEZZO MG Standard Model			Ø 2.5 m	Ø 3.0 m	Ø 3.3 m ¹⁾	2.6 x 2.6 m	2.1 x 3.0 m ²⁾
Segments			10	10	10	8	10
Area m²			5	7	8,5	6,75	6,25
A	without/with valance	cm	193	182 / 172	200	209	195
B	without/with valance	cm	253	251 / 241	269	268	261
C	without/with valance	cm	339	359 / 369	405	372	351
D	without/with 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)



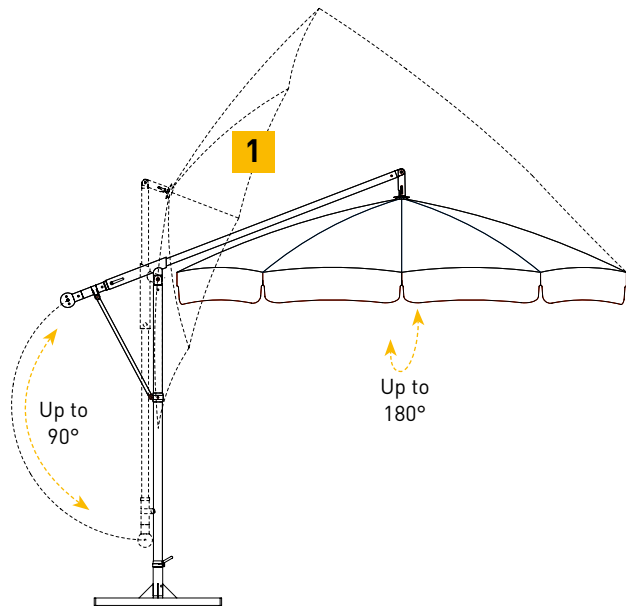
The heights specified are for sunshades that are mounted in anchor tube DMZ 118. The increase in height for parasols with other installation bases can be seen in the list below:

- Cross pedestal: DMZ 110 + 6 cm
- Full frame pedestal: DMZ 111 + 9 cm
- Full frame pedestal: DMZ 112 + 12 cm
- Full frame pedestal: DMZ 114 + 16 cm
- Dowel-anchored plate: DMZ 123 + 4 cm
- Granite base: DMZ 141 + 10 cm



Adjustable to suit your individual needs

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



MEZZO MH – with height adjustment

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



Up to 180°

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

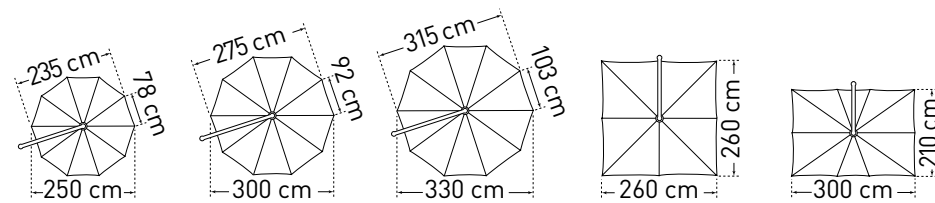


Double clamp for height adjustment



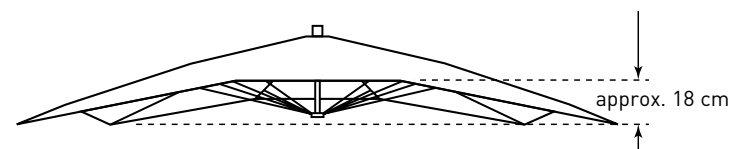
Up to 90°

Height adjustment of up to 35cm



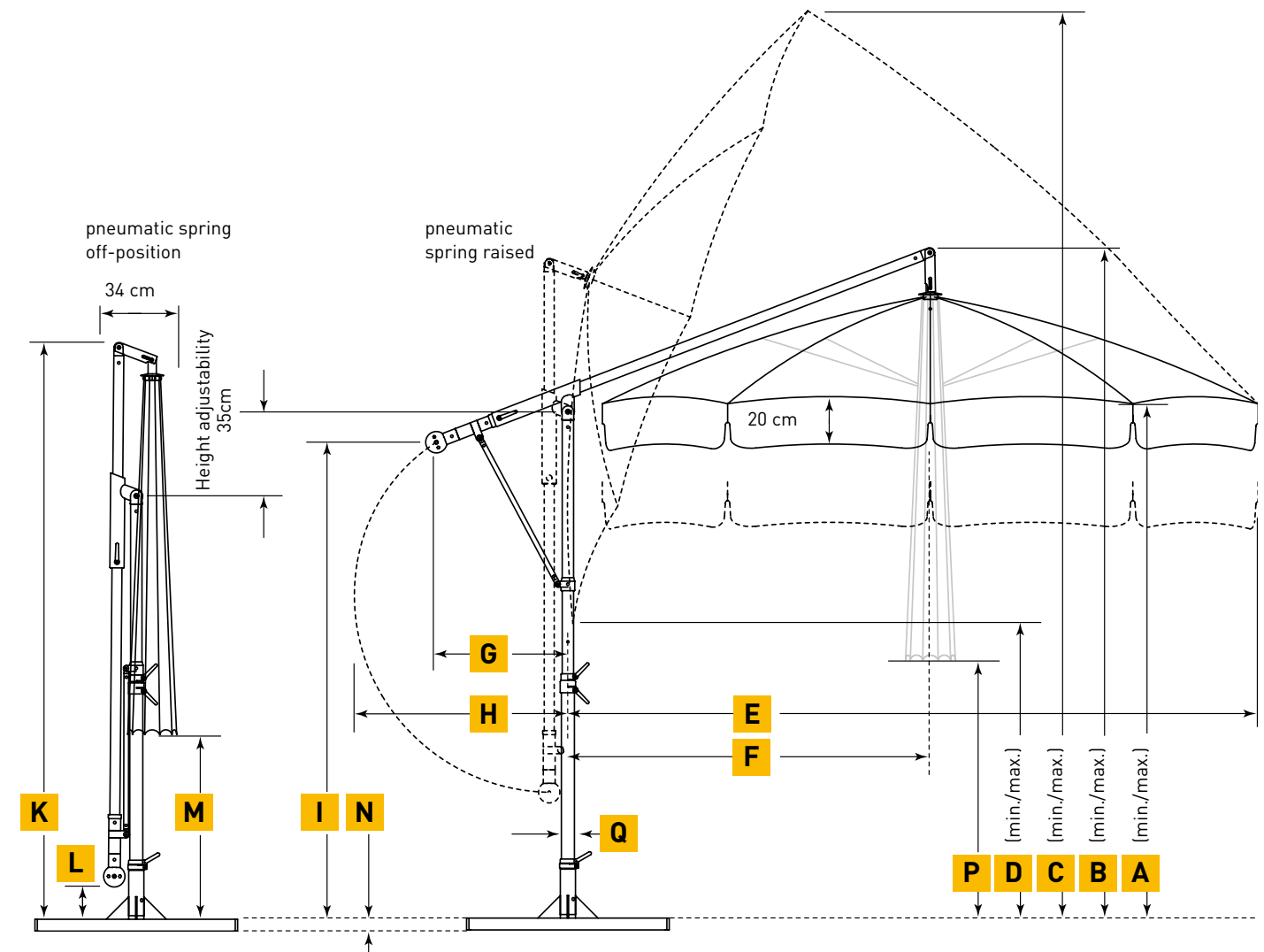
	MEZZO - model MH		Ø 2.5 m	Ø 3.0 m	Ø 3.3 m ¹⁾	2.6 x 2.6 m	2.1 x 3.0 m ²⁾
	Segments		10	10	10	8	10
	Area	m²	5	7	8,5	6,75	6,25
A	max./min.	cm	212 / 177	212 / 178	198 / 163	217 / 182	191 / 156
B	max./min.	cm	270 / 235	273 / 238	270 / 235	276 / 241	270 / 235
C	max./min.	cm	357 / 322	370 / 335	408 / 373	380 / 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, b= 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)



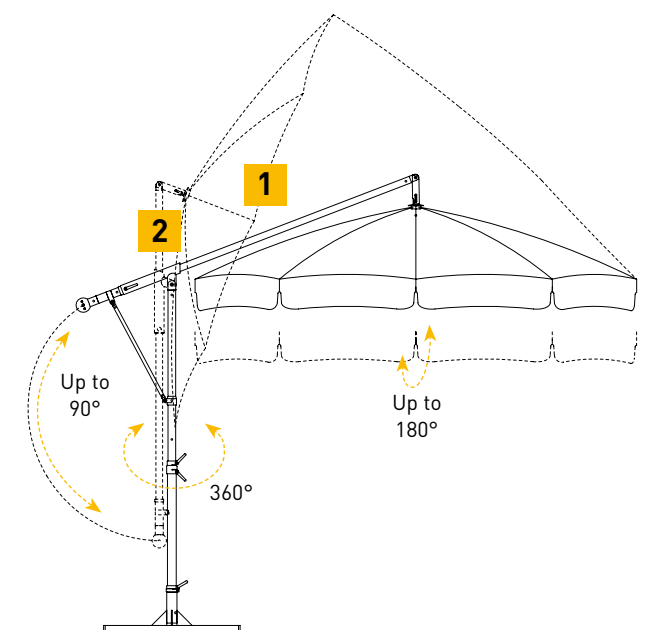
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Full frame pedestal:	DMZ 111 + 9 cm
Full frame pedestal:	DMZ 112 + 12 cm
Full frame pedestal:	DMZ 114 + 16 cm
Dowel-anchored plate:	DMZ 123 + 4 cm
Granite base:	DMZ 141 + 10 cm



Adjustable to suit your individual needs

- 1 No matter where the sun is, the parasol canopy can be tilted at any angle for shade and protection, then locked.
- 2 Effortless height adjustment thanks to standard incorporation of a pneumatic spring in the support pole (MH).



MEZZO – Accessories and Bases

Additional protective sleeve with zipper, in Airtex.
Please state parasol size.

Order No. **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**

Full frame pedestal without slabs,
for 1 set of concrete slabs,
galvanized, 83 x 83 cm, weight 22 kg,
height of frame (x) = 5 cm, total height 31cm.

Order No. **DMZ111**

Full frame pedestal with 4 diagonal support le-
velling screws, without slabs, for 1 set of concrete
slabs, galvanized, 83 x 83 cm, weight 23 kg,
total height min. 34 cm, max. 38 cm.

Order No. **DMZ112**

Full frame pedestal on wheels with heavy-duty
rollers and fixing brakes, without slabs, for 1 set
of concrete slabs, galvanized, 83 x 83 cm, weight
23 kg, total height 38 cm, diameter of rollers 5 cm.
Attention: wind sensitive!

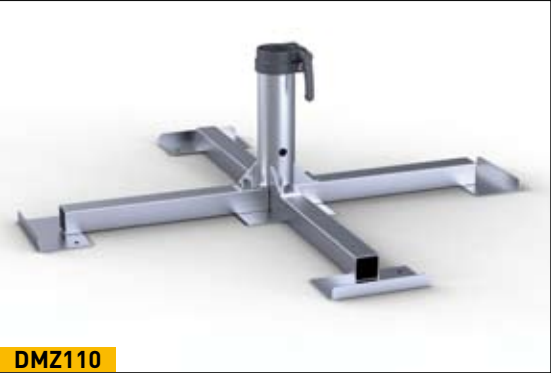
Order No. **DMZ114**

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, 1 piece, round,
height approx. 10 cm, grey, polished, 4 recessed
grips, stainless steel surface, weight 100 kg.

Order No. **DMZ141**



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
same as DMZ 118, but lockable with theft pin.

Order No. **DMZ119**

Dowel-anchored plate
galvanized, weight 18 kg
a = 27.5 cm, x = 30 x 30 cm, t = 1 cm, z = Ø 1.8 cm.

Order No. **DMZ123**

Dowel-anchored plate
same as DMZ 123, but lockable with theft pin.

Order No. **DMZ124**

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**

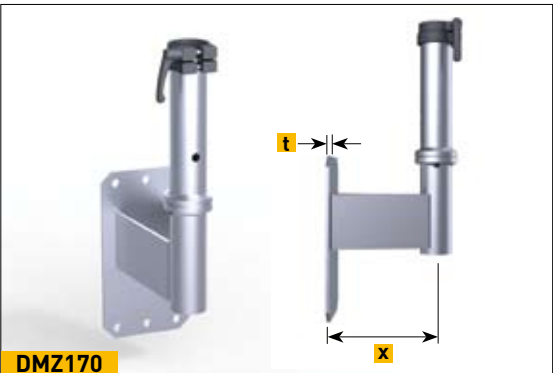
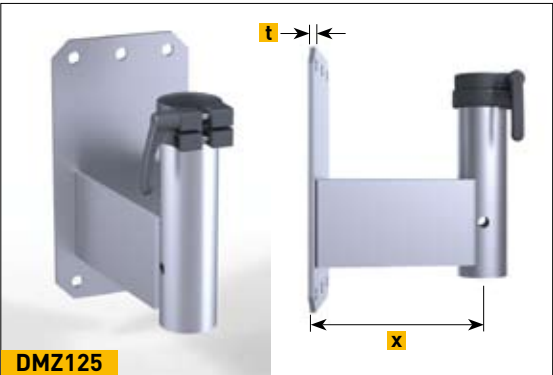
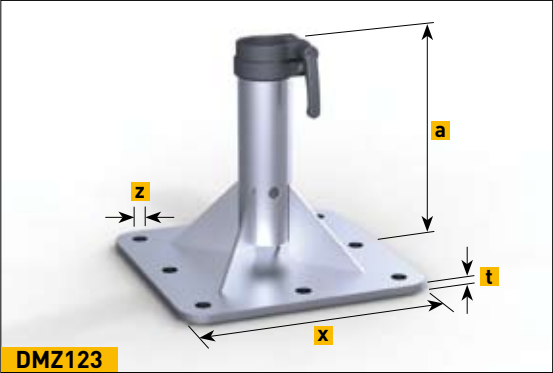
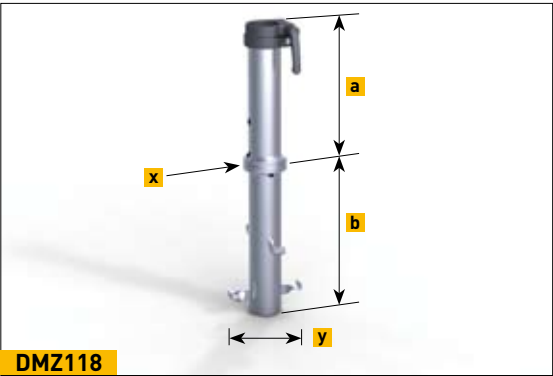
Wall bracket
with upper part of anchor tube DM 118
galvanized, weight 6.5 kg,
wall plate 30x16 cm, x = 20 cm, t = 0.6 cm.

Order No. **DMZ170**

Theft pin
padlock and pin.

Order No. **200194**

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





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 18 onward.



DG, Dacapo standard version



DK, Dacapo with crank

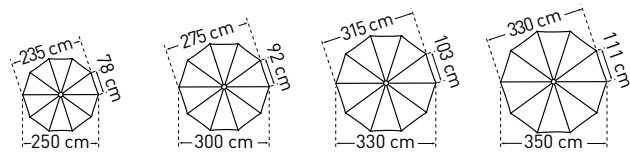


Ball joint

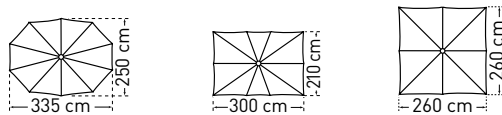


Straight valance





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	max./min.	cm 250 / 290	250 / 290	250 / 290	250 / 290
B		cm 160	160	180	180
C	max./min.	cm 222 / 262	222 / 262	222 / 262	222 / 262
D		cm 185	185	205	205
H	max./min.	cm 195 / 235	195 / 235	195 / 235	195 / 235
K ¹⁾	max./min.	cm 100 / 140	80 / 120	60 / 100	50 / 90
L ¹⁾	max./min.	cm 180 / 220	170 / 210	170 / 210	170 / 210
M ¹⁾	max./min.	cm 69 / 109	69 / 109	50 / 90	40 / 80
P	Support pole diameter mm	outer Ø 55 (pole thickness 3)			
Weight		18	19	19	20
Packaging: rectangular cardboard box, ca. 3 kg, l= 235 cm, w= 37 cm, h= 15 cm					



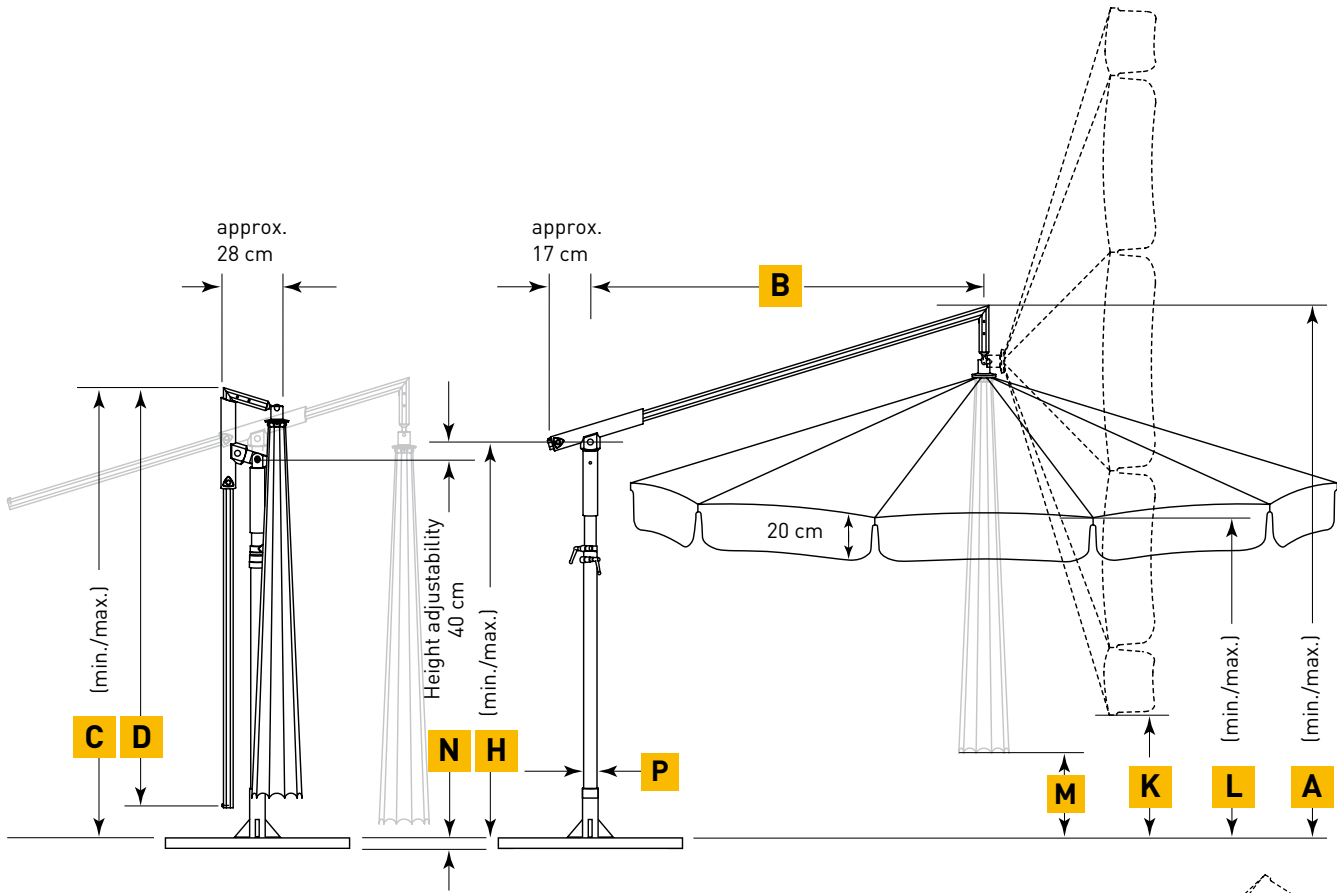
DACAPO DK - standard model		Ø 2.5 x 3.35 m ^{4) 1)}	Ø 2.1 x 3.0 m ⁴⁾	2.6 x 2.6 m
Segments		10	10	8
Area		m ² 6.8	6.3	6.8
A	max./min.	cm 250 / 290	250 / 290	255 / 294
B		cm 180	180	180
C	max./min.	cm 222 / 262	222 / 262	223 / 263
D		cm 205	205	207
H	max./min.	cm 195 / 235	195 / 235	195 / 235
K ¹⁾	max./min.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

²⁾ Ø 350 cm with valance: in Airtex only.

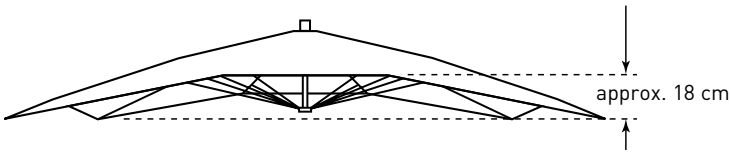
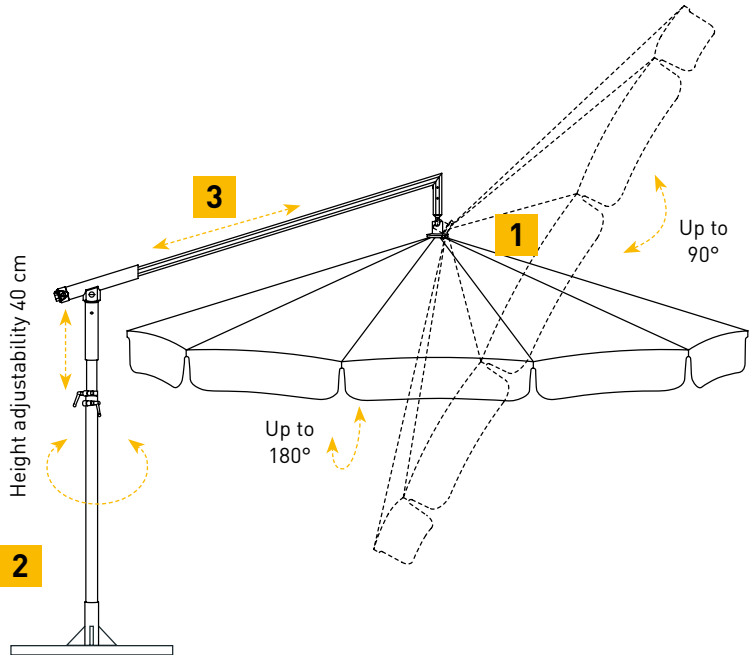
³⁾ Additional pedestal weight may be required for windy locations (upwind, sloping sites and so on). Do not use granite base. Pedestals require 2 sets of concrete slabs.

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



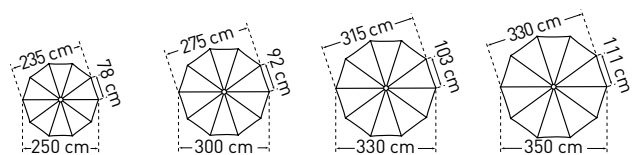
Adjustable to suit your individual needs

- 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).

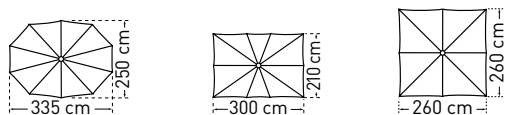


The heights specified are for sunshades that are mounted in anchor tube DMZ 118. The increase in height for parasols with other installation bases can be seen in the list below:

Cross pedestal:	DMZ 110 + 6 cm
Full frame pedestal:	DMZ 111 + 9 cm
Full frame pedestal:	DMZ 112 + 12 cm
Full frame pedestal:	DMZ 114 + 16 cm
Dowel-anchored plate:	DMZ 123 + 4 cm
Granite base:	DMZ 141 + 10 cm



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



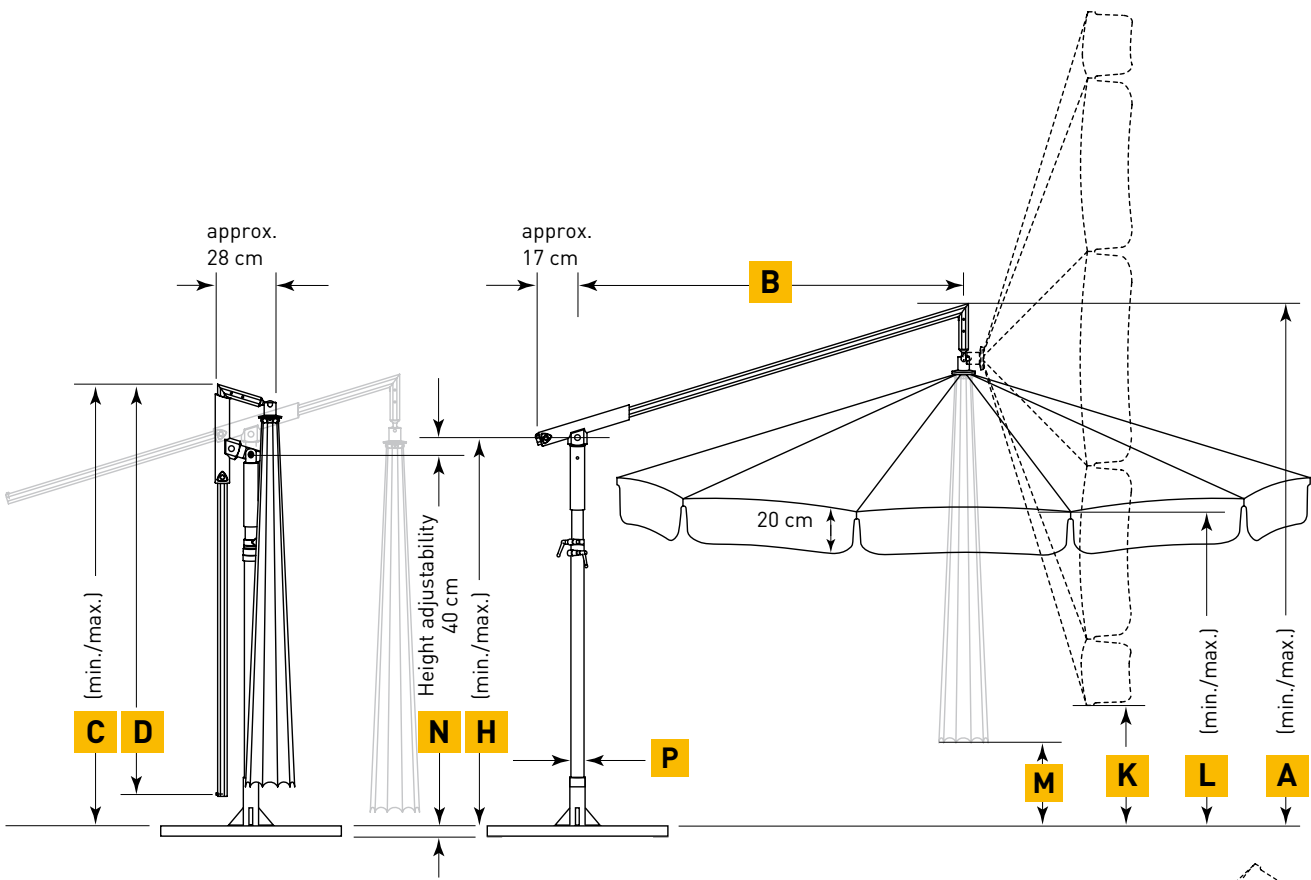
DACAPO with crank DK		Ø 2.5 x 3.35 m ^{4) 1)}	Ø 2.1 x 3.0 m ⁴⁾	2.6 x 2.6 m
Segments		10	10	8
Area		m ² 6,8	6,3	6,8
A	max./min.	cm 245 / 285	245 / 280	245 / 284
B		cm 180	180	180
C	max./min.	cm 210 / 250	210 / 250	213 / 253
D		cm 205	205	207
H	max./min.	cm 185 / 225	185 / 225	185 / 225
K ¹⁾	max./min.	cm 90 / 130	107 / 147	92 / 130
L ¹⁾	max./min.	cm 160 / 200	180 / 220	182 / 221
M ¹⁾	max./min.	cm 32 / 72	30 / 70	32 / 71
P	Support pole diameter mm	outer Ø 55 (pole thickness 3)		
Weight		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 20cm.

²⁾ Ø350 cm with valance: in Airtex only.

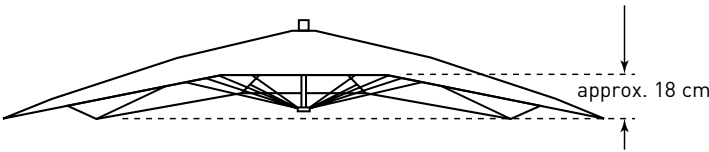
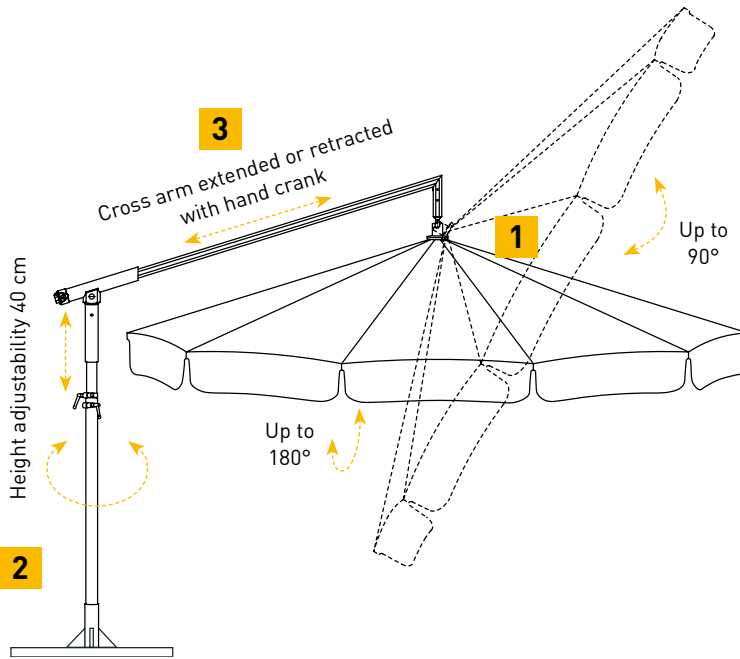
³⁾ Additional pedestal weight may be required for windy locations (upwind, sloping sites and so on). Do not use granite base. Pedestals require 2 sets of concrete slabs.

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



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).



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 111 + 9 cm
Full frame pedestal:	DMZ 112 + 12 cm
Full frame pedestal:	DMZ 114 + 16 cm
Dowel-anchored plate:	DMZ 123 + 4 cm
Granite base:	DMZ 141 + 10 cm

DACAPO – Accessories and Bases

Additional protective sleeve with zipper, in Airtex.
Please state parasol size.

Order No. **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**

Full frame pedestal without slabs,
for 1 set of concrete slabs,
galvanized, 83 x 83 cm, weight 22 kg,
height of frame (x) = 5 cm, total height 31cm.

Order No. **DMZ111**

Full frame pedestal with 4 diagonal support le-
velling screws, without slabs, for 1 set of concrete
slabs, galvanized, 83 x 83 cm, weight 23 kg,
total height min. 34 cm, max. 38 cm.

Order No. **DMZ112**

Full frame pedestal on wheels with heavy-duty
rollers and fixing brakes, without slabs, for 1 set
of concrete slabs, galvanized, 83 x 83 cm, weight
23 kg, total height 38 cm, diameter of rollers 5 cm.
Attention: wind sensitive!

Order No. **DMZ114**

Concrete slabs

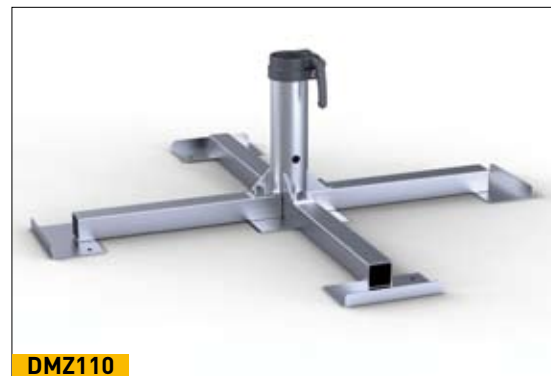
1 set = 4 slabs, each 40 x 40 x 5 cm,
weight per slab: approx. 18 kg.

Order No. **XZ40**

Granite Base

Ø approx. 70 cm, 1 piece, round,
height approx. 10 cm, grey, polished, 4 recessed
grips, stainless steel surface, weight 100 kg.

Order No. **DMZ141**



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

same as DMZ 118, but lockable with theft pin.

Order No. **DMZ119**

Dowel-anchored plate

galvanized, weight 18 kg.
a = 27.5 cm, x = 30 x 30 cm, t = 1 cm, z = Ø 1.8 cm.

Order No. **DMZ123**

Dowel-anchored plate

same as DMZ 123, but lockable with theft pin.

Order No. **DMZ124**

Wall bracket

galvanized, weight 5.5 kg,
wall plate, 30x16 cm, x = 20 cm, t = 0.6 cm,
Bottom of support pole rests on bottom end of
anchor tube.

Order No. **DMZ125**

Wall bracket

with upper part of anchor tube DM 118
galvanized, weight 6.5 kg,
wall plate 30x16 cm, x = 20 cm, t = 0.6 cm.

Order No. **DMZ170**

Theft pin

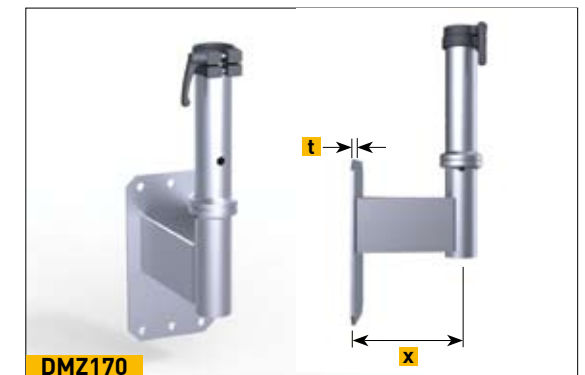
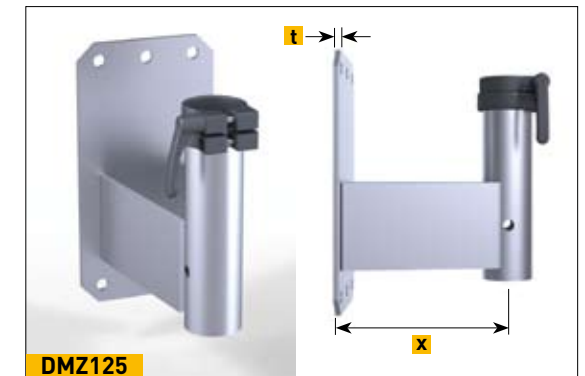
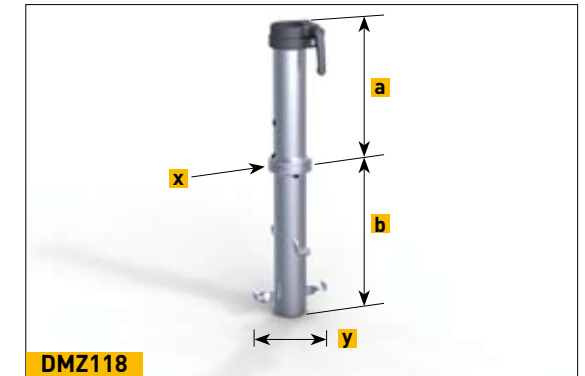
padlock and pin.

Order No. **200194**

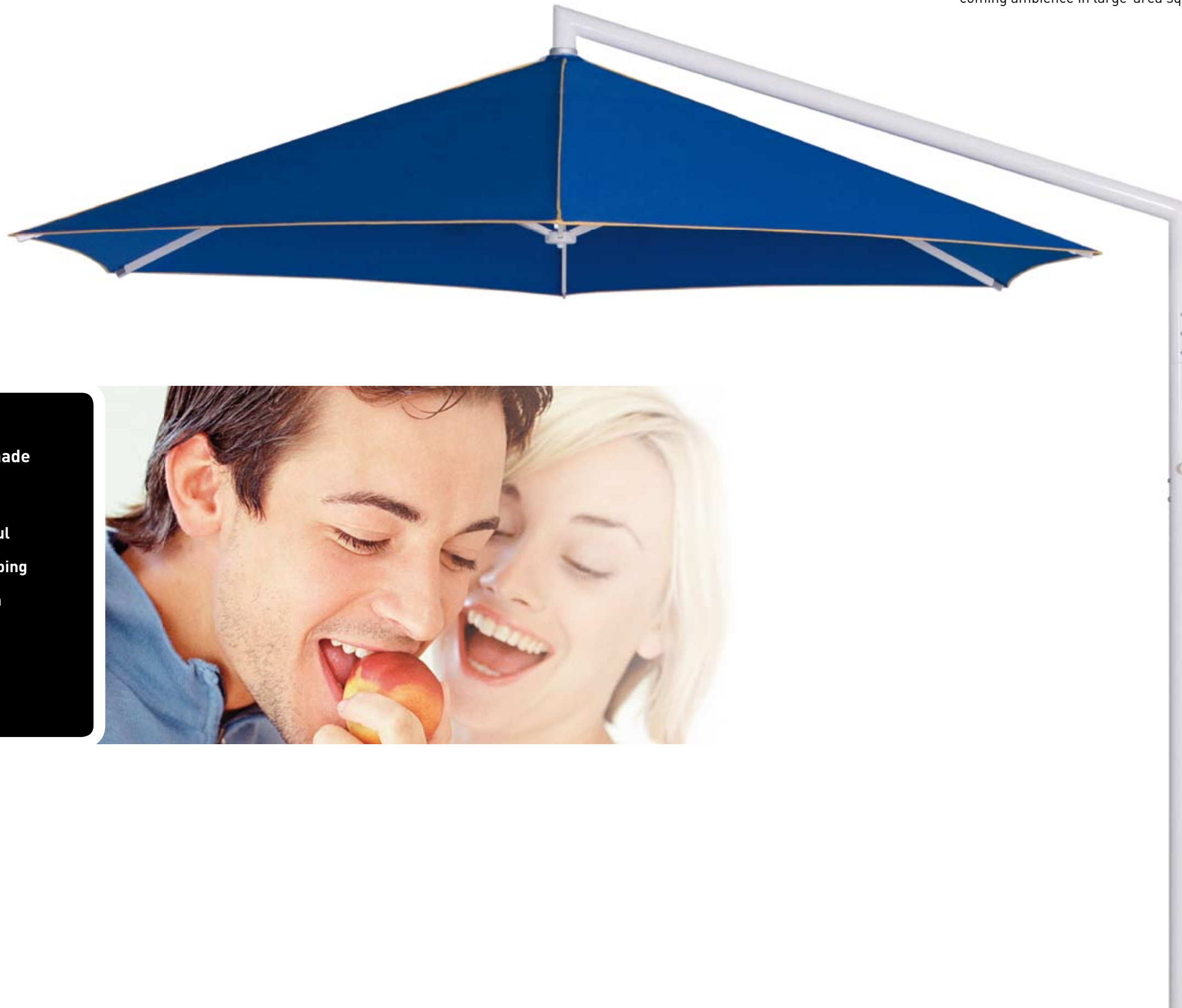
3-dimensional view of installation base with trip-proof top
plate for winter protection.



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

Operation

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

Frame joints

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

Canopy covering fabric

Due to a special self-tensioning telescopic spring system, the awning remains perfectly taut, even after years of usage. The canopy covering can easily be exchanged by means of a practical hooking system. For fabrics and awning colours see Page 84 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.



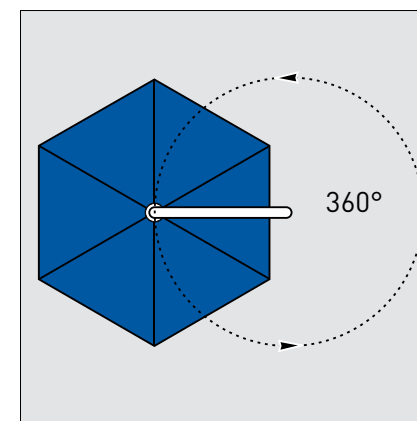
Operation



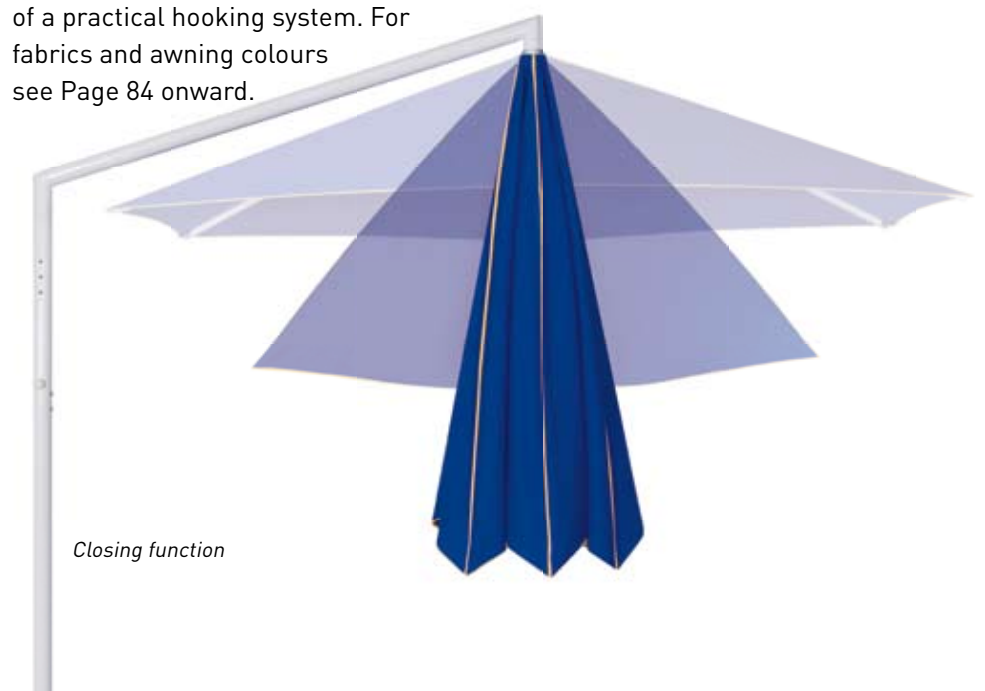
Canopy covering



Frame (single shade / triple shade)



360° rotation



Closing function



Crank to fix the tilted canopy



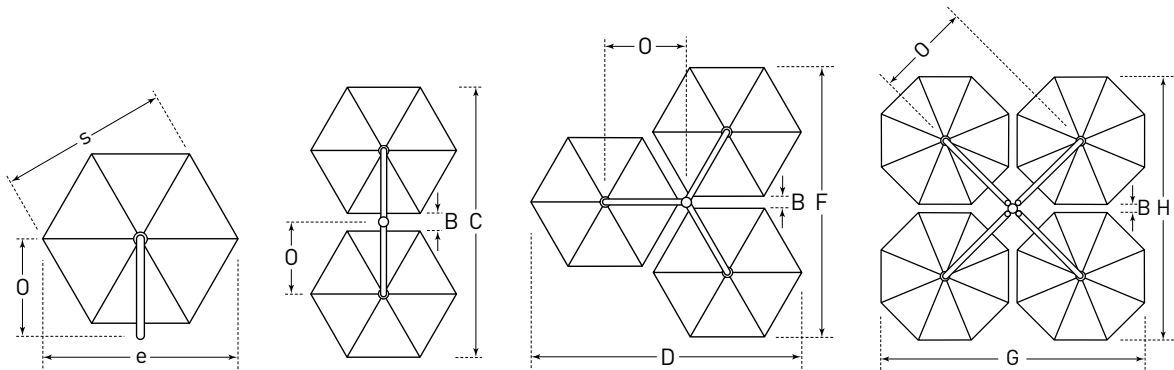
Pivot system



Flexible tilt function (max. 30°)

RIALTO RP – with pivot system

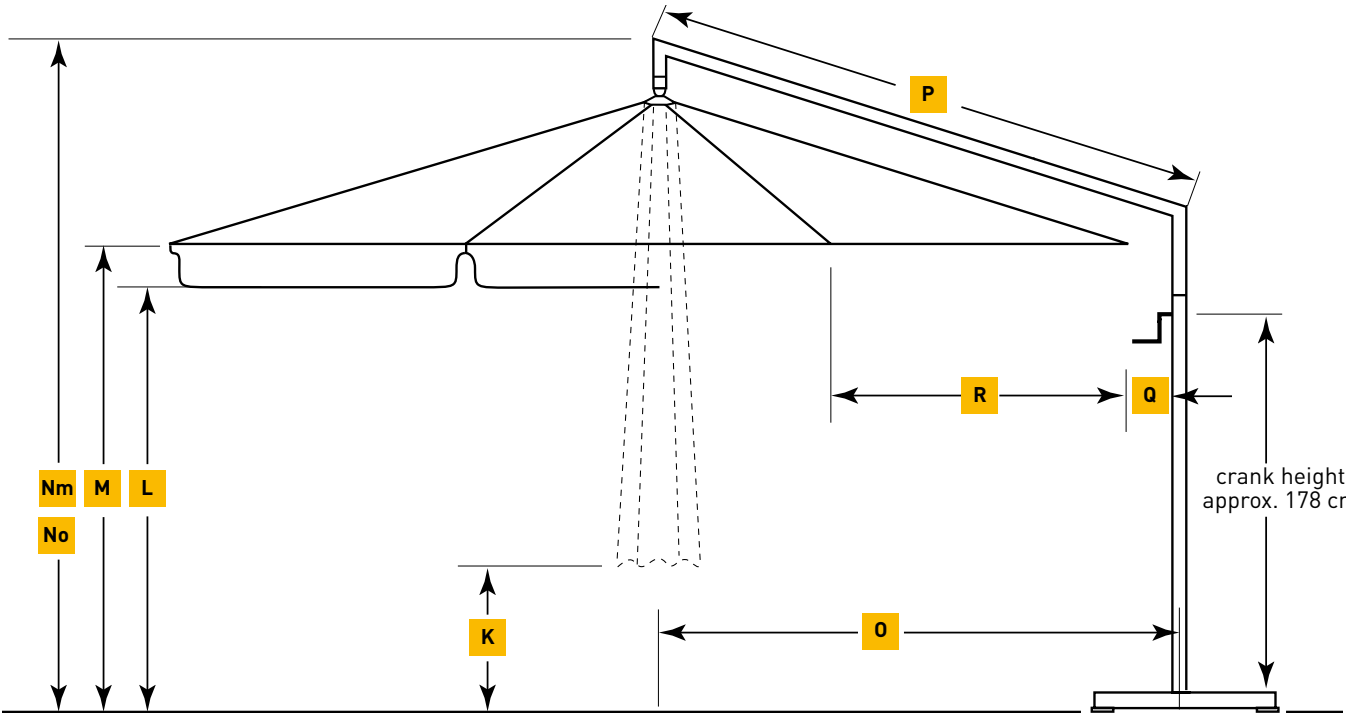
The sunshade can be moved and adjusted to the position of the sun with a removable crank. Thanks to an innovative pivot system the sunshade can smoothly be tilted to an angle of max. 30° and rotated completely. The canopy is fixed by turning the crank clockwise.



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

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

*without packaging



Intermediate or special sizes available on request.

RIALTO Accessories and Bases

Additional protective sleeve with zipper
in Airtex. 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 diagonal support level-
ling 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 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**



XZ50



RA130



RZ111



RZ112



RZ114

RIALTO – stationary installation options

Anchor tube to be embedded in concrete

2 pieces, screw-off upper part, for single and dou-
ble-shade RIALTO, galvanized, weight 9.0 kg,
a = 22 cm, b = 29 cm, x = Ø 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 = □ 50 x 50 cm, t = 1.2 cm, z = Ø 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:

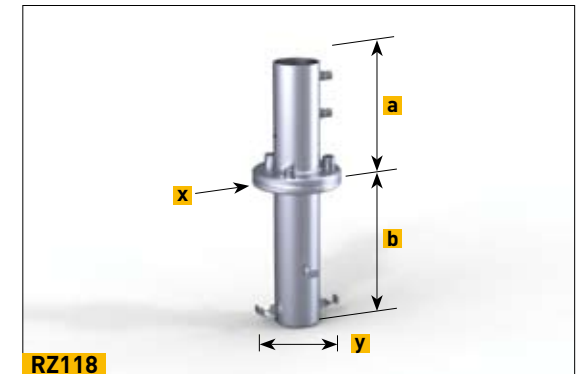
- Only use heavy-duty dowels
- only suitable for concrete walls
- or
- use through bolts

Order No. **RZ125**

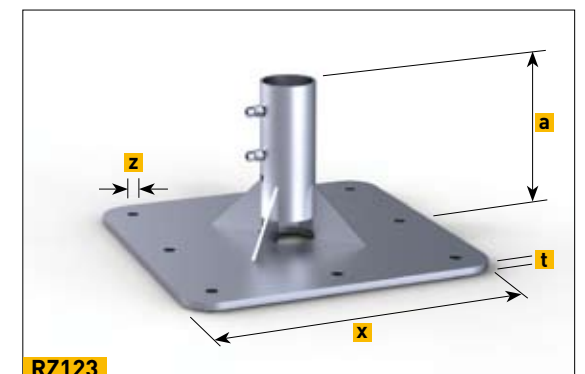
Theft pin

padlock and pin.

Order No. **200103**



RZ118



RZ123



RZ125



200103

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

- Leacril 300 g/m²
- Airtex 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 dismounting without problem

**MAY – shade systems
made in Germany**



Operation

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

Frame joints

For us perfection in workmanship is an absolute must. Therefore, all moving axes are fitted with bolts and the canopy fabric is protected from damage. This extravagant technology ensures maximum stability and durability as well as easy execution of repairs.

Top plate

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

Canopy covering fabric

Due to a special self-tensioning telescopic spring system the awning remains perfectly taut, even after years of usage. The canopy covering can easily and quickly be exchanged by means of a practical hooking system. For fabrics and awning colours see Page 84 onward.

Valance options

- without valance
- straight valance

When not in use

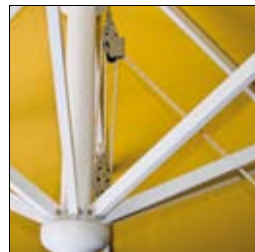
The protective cover provided can easily be slipped over the shade during bad weather periods.

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
cf. Page 82 onward



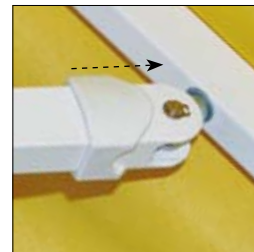
Rope pull



Crank drive



Frame colours



Frame joints



Top plate



Canopy covering



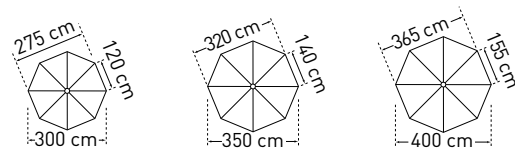
Without valance



Straight valance



Closing function



	Model FILIUS		Ø 3 m	Ø 3.5 m	Ø 4 m
	Segments	Stk.	8	8	8
	Area	m²	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			

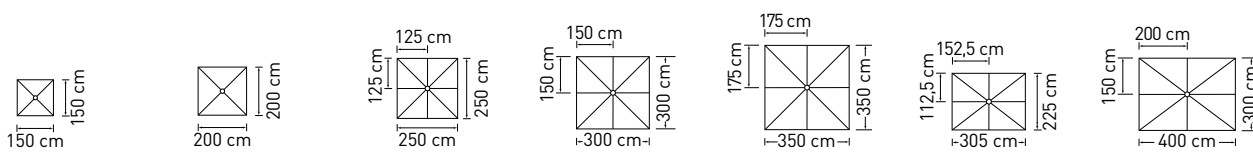
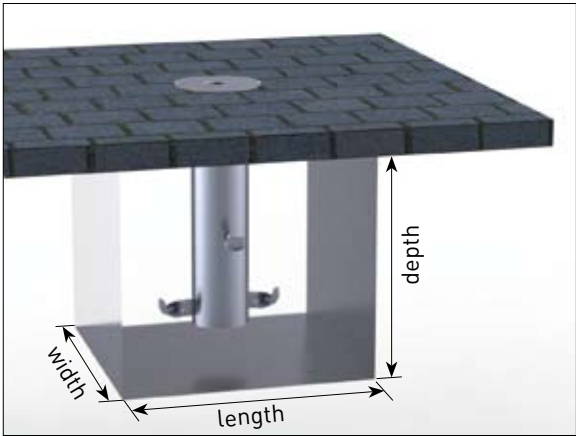
The heights specified are for sunshades that are mounted in anchor tube DMZ 118. The increase in height for parasols with other installation bases can be seen in the list below:

Cross pedestal:	DMZ 110 + 6 cm
Full frame pedestal:	DMZ 111 + 9 cm
Full frame pedestal:	DMZ 112 + 12 cm
Full frame pedestal:	DMZ 114 + 16 cm
Dowel-anchored plate:	DMZ 123 + 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

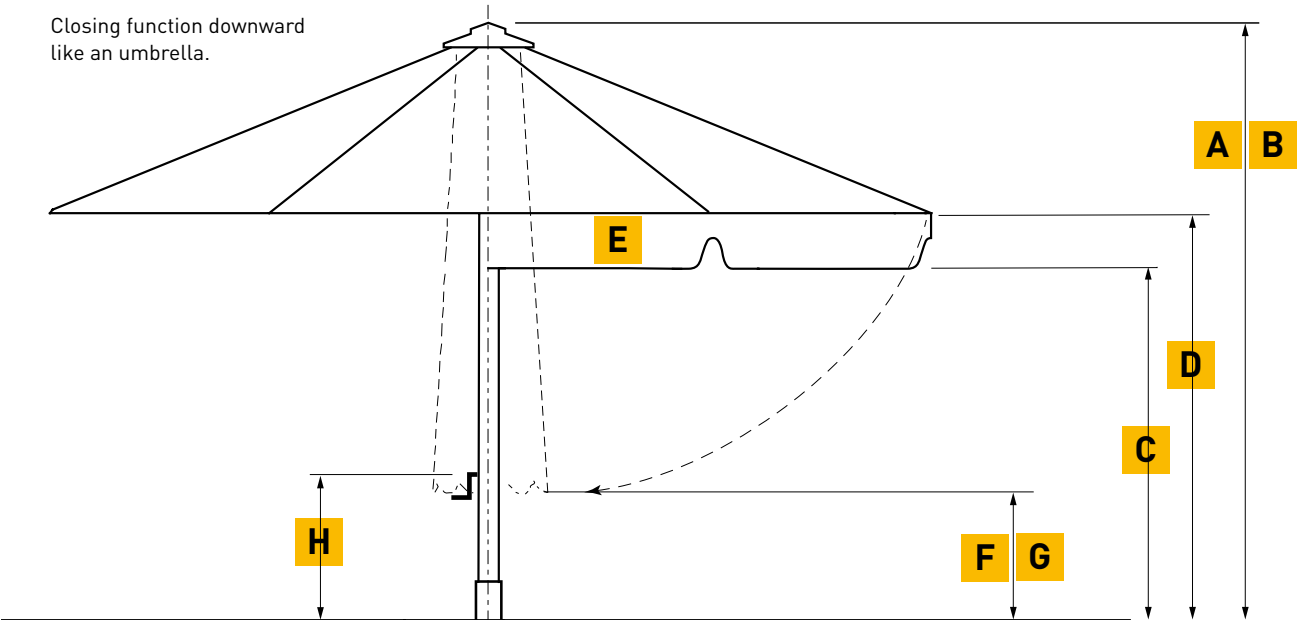
Installation base for all FILIUS sizes:
50 x 50 x 50 cm. Base must be frost-proof and enlarged if the ground is unstable.

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						

Intermediate or special sizes available on request.



Additional protective sleeve
in Airtex. Please state parasol size.
Order No. **FA130**

Rain gutter
in Airtex, 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. **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 Airtex,
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
for **1 set** of concrete slabs,
mounted with screws, without slabs,
galvanized, 83 x 83 cm,
weight 4.5 kg, total height 28 cm.
Order No. **DMZ110**

Full frame pedestal without slabs,
for **1 set** of concrete slabs,
galvanized, 83 x 83 cm, weight 22 kg,
height of frame (x)= 5cm, total height 31cm.
Order No. **DMZ111**

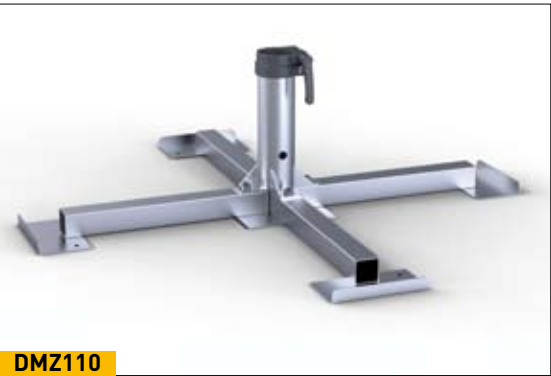
**Full frame pedestal with 4 diagonal support level-
ling screws**, without slabs, galvanized, for **1 set** of
concrete slabs, 83 x 83 cm, weight 23 kg,
total height min. 34 cm, max. 38 cm.
Order No. **DMZ112**

Full frame pedestal on wheels, with heavy-duty
rollers and fixing brakes, without slabs, for 1 set of
concrete slabs, galvanized, 83 x 83 cm, weight 23
kg, total height 38 cm, diameter of rollers 5 cm.
Attention: wind sensitive !
Order No. **DMZ114**

Concrete slabs
1 set = 4 slabs, each 40x40x5 cm,
weight per slab: approx. 18 kg.
Order No. **XZ40**

Theft pin
padlock and pin.
Order No. **200194**

Granite Base
Ø approx. 70 cm, 1 piece, round,
height approx. 10 cm, grey, polished, 4 recessed
grips, stainless steel surface, weight 100 kg.
Order No. **DMZ141**



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
same as DMZ 118, but lockable with theft pin.
Order No. **DMZ119**

Dowel-anchored plate
galvanized, weight 18 kg,
a= 27.5 cm, x= 30 cm, t= 1 cm, z= Ø 1.8 cm.
Order No. **DMZ123**

Dowel-anchored plate
same as DMZ 123, but lockable with theft pin.
Order No. **DMZ124**

**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, 5 x 5 cm,
for bore-hole of Ø 71 mm or more,
a= 25 cm, b= 28,5 cm, x= Ø 8 cm, y= □ 5 x 5 cm.
Order No. **DMZ146**

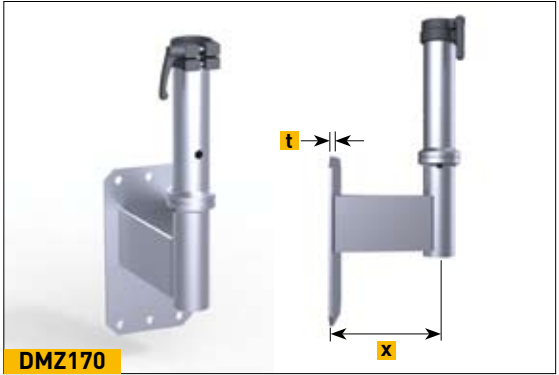
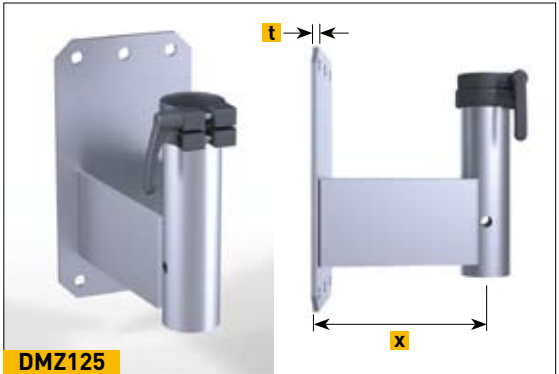
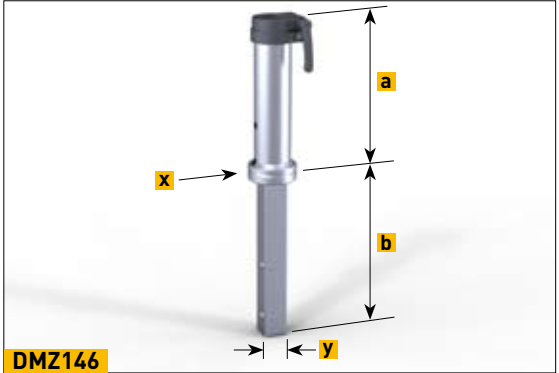
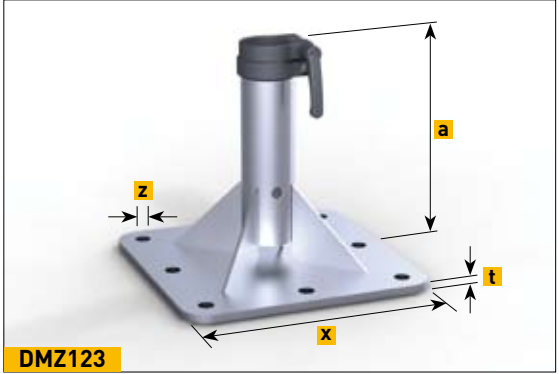
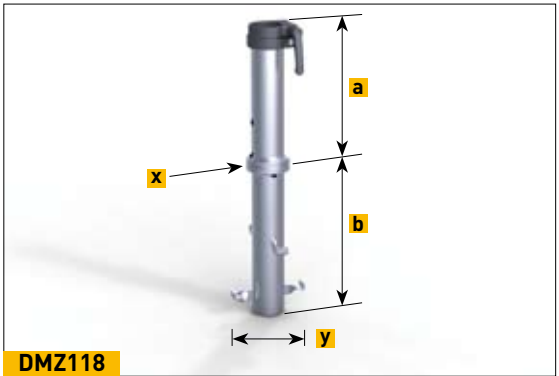
Anchor tube to be embedded in concrete
same as DMZ 146, but lockable with theft pin.
Order No. **DMZ147**

Wall bracket
galvanized, weight 18 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 DM 118**
galvanized, weight 6.5 kg,
wall plate 30 x 16 cm, x = 20 cm, t = 0.6 cm.
Order No. **DMZ170**



left:
3-dimensional view
of installation base
with trip-proof top
plate for winter pro-
tection.



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

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.

Top plate

Elegant and graceful. Can be screwed off. With intermediate, shock-absorbing rubber pad. 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 84 onward.

Volantvarianten

- without valance
- straight valance
- Deluxe valance, cf. Page 91

Installation options

- mobile
 - stationary
- cf. Page 70 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 74 onward



Closing function



Operating mechanism



Frame colours



Central rod system



Top plate



Frame joints



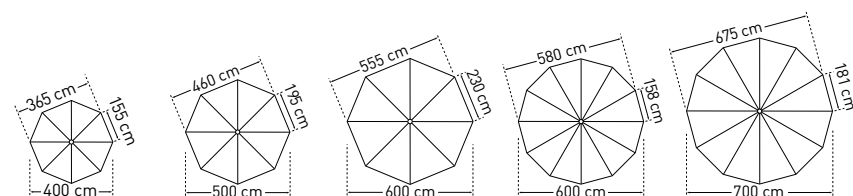
Canopy covering



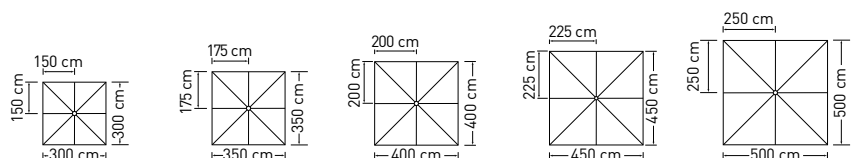
Without valance



Straight valance

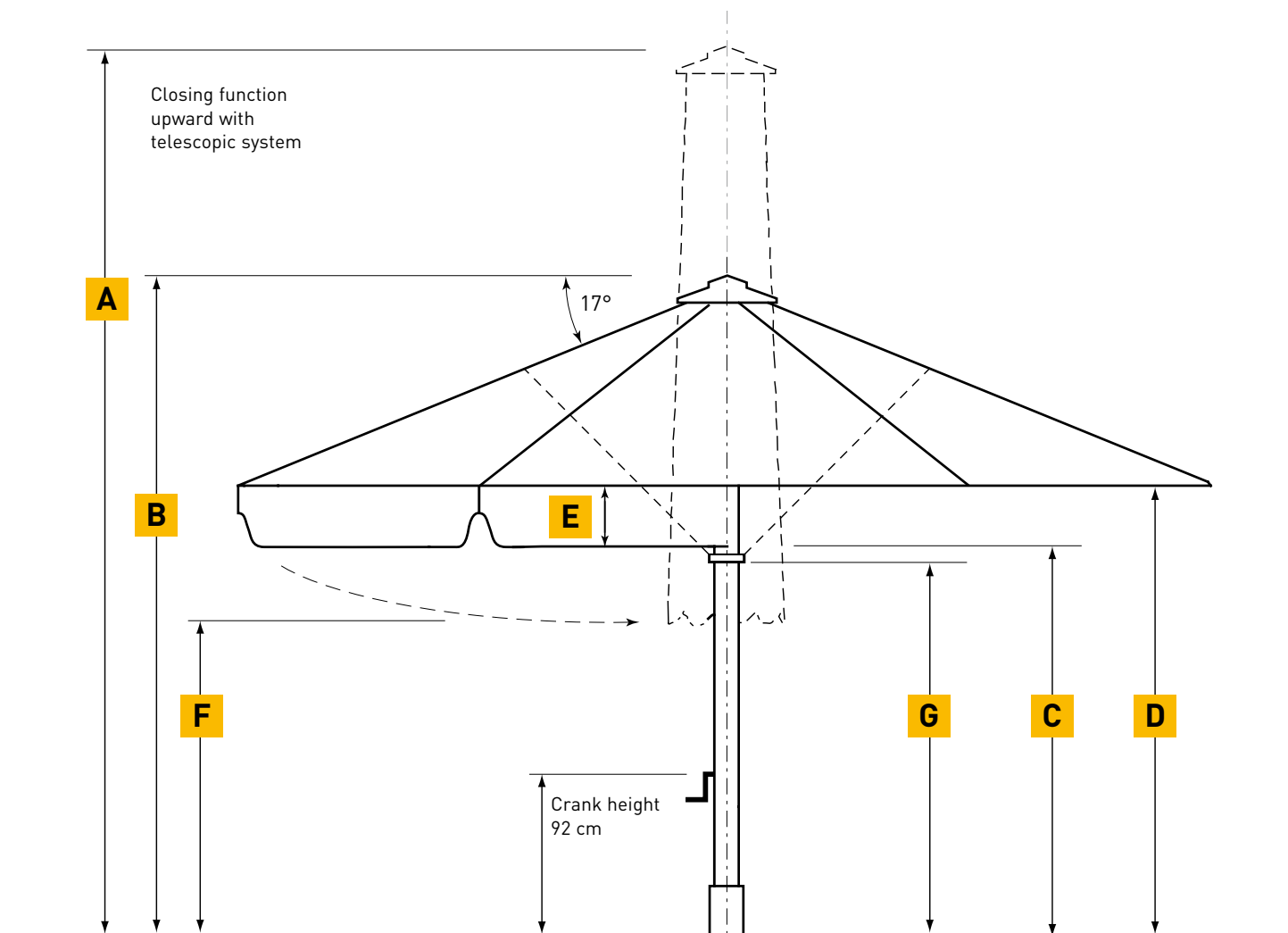


SCHATTELLO round		Ø 4.0 m	Ø 5.0 m	Ø 6.0 m	Ø 6.0 m	Ø 7.0 m
Segments		8	8	8	12	12
Area	m²	12	19	27	28	38
Height closed incl. top plate	cm	410	425	440	450	465
Height opened incl. top plate	cm	303	318	333	343	358
Headroom with valance	cm	205	205	200	205	205
Headroom without valance	cm	227	227	222	237	237
Height of valance	cm	28	28	28	28	28
Ground clearance <small>from spoke edge</small>	cm	193	158	123	132	85
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	

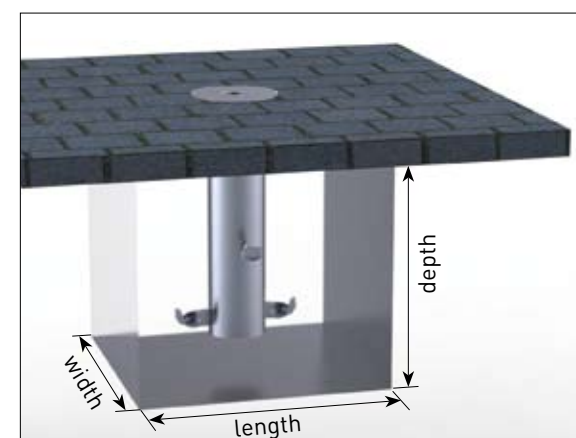


SCHATTELLO square		3.0 x 3.0 m	3.5 x 3.5 m	4.0 x 4.0 m	4.5 x 4.5 m	5.0 x 5.0 m
Segments		8	8	8	8	8
Area	m²	9	12.25	16	20.25	25
Height closed incl. top plate	cm	410	418	425	433	440
Height opened incl. top plate	cm	300	308	315	323	330
Headroom with valance	cm	215	215	215	215	215
Headroom without valance	cm	237	237	237	237	237
Height of valance	cm	28	28	28	28	28
Ground clearance <small>from spoke edge</small>	cm	180	154	119	96	62
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	

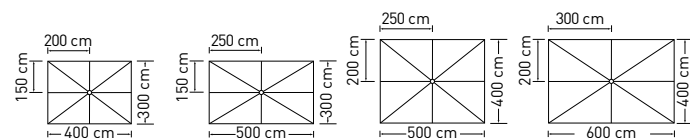
Intermediate and special sizes on request.



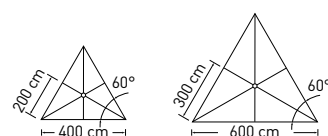
3D view of installation base with top plate for winter protection. Base must be frost-proof and enlarged if the ground is unstable.



Installation base and ballast		
Size of sunshade	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
Ø 5 m	50/50/60 cm	1 layer of concrete slabs
Ø 6 m	60/60/60 cm	2 layers of concrete slabs
Ø 7 m	60/60/60 cm	2 layers of concrete slabs
3 x 3 m	50/50/60 cm	1 layer of concrete slabs
3.5 x 3.5 m	50/50/60 cm	1 layer of concrete slabs
4 x 4 m	50/50/60 cm	1 layer of concrete slabs
4.5 x 4.5 m	50/50/60 cm	1 layer of concrete slabs
5 x 5 m	60/60/60 cm	2 layers of concrete slabs



	SCHATTELLO rectangular		3,0 x 4,0 m	3,0 x 5,0 m	4,0 x 5,0 m	4,0 x 6,0 m
	Segments		8	8	8	8
	Area	m²	12	15	20	24
A	Height closed incl. top plate	cm	402	402	425	430
B	Height opened incl. top plate	cm	295	295	318	323
C	Headroom with valance	cm	215	215	215	215
D	Headroom without valance	cm	237	237	237	237
E	Height of valance	cm	28	28	28	28
F	Ground clearance <small>from spoke edge</small>	cm	130	95	82	52
G	Height of lower disc flange	cm	245	245	198	203
	Weight without packaging	kg	28	32	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		m²	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 <small>from spoke edge</small>	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	

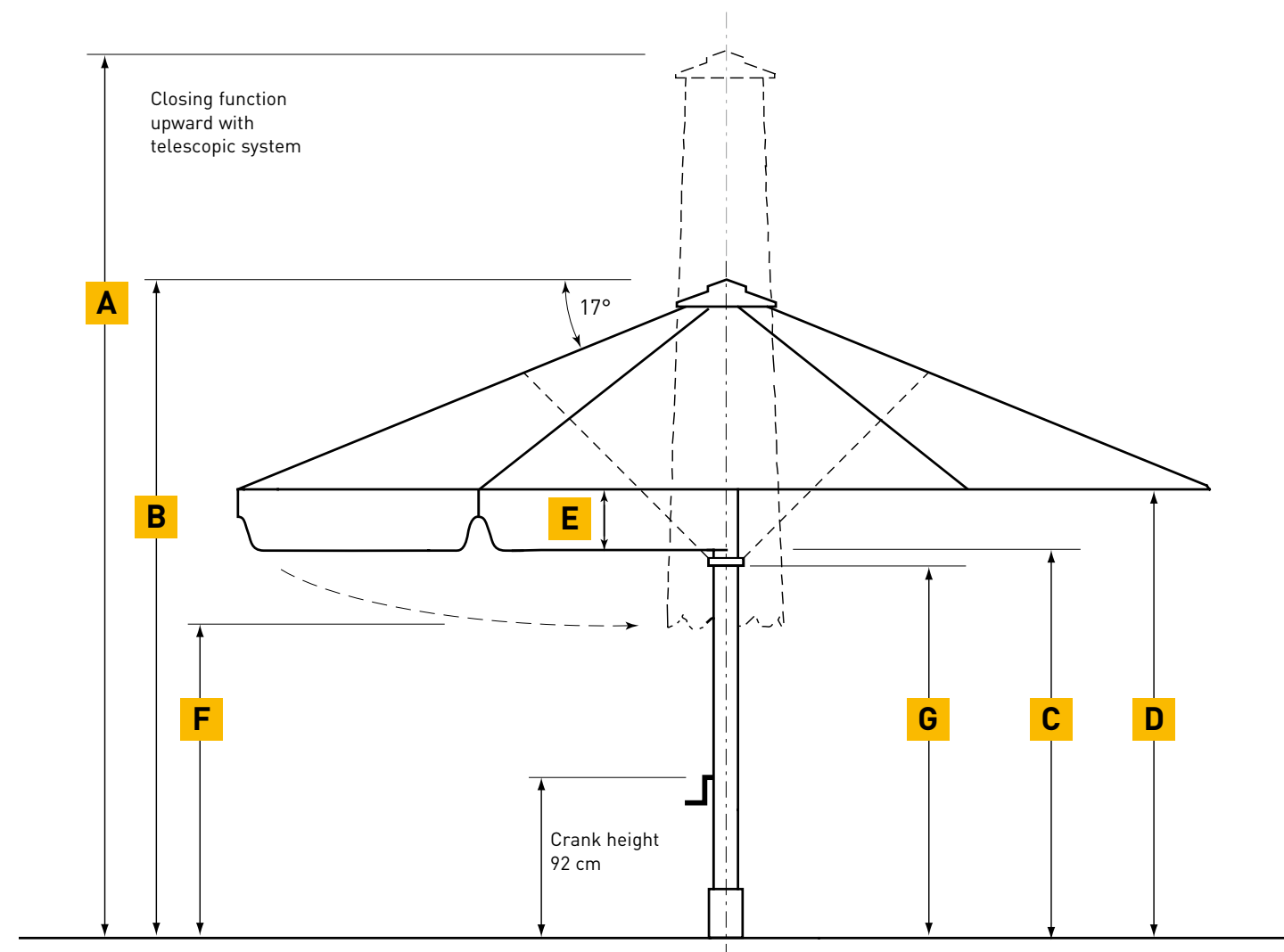
The heights specified are for sunshades with Leacril covering fabric that are mounted in an anchor tube (SZ118, SZ121, SZ150). The increase in height for sunshades with other installation bases can be seen in the list below:

Full frame pedestal: SZ111 + 9 cm
Full frame pedestal: SZ112 + 12 cm
Full frame pedestal: SZ114 + 16 cm

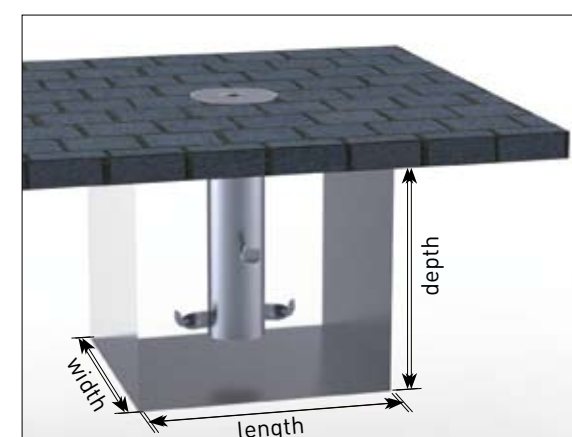
Full frame pedestal: SZ201 + 14 cm
Full frame pedestal: SZ203 + 17 cm
Full frame pedestal: SZ205 + 21 cm

Anchor plate with hinge:

Anchor plate: SZ131 + 1.5 cm
SZ123 + 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)
Ø 4 m	50/50/60 cm	1 layer of concrete slabs
Ø 5 m	50/50/60 cm	1 layer of concrete slabs
Ø 6 m	60/60/60 cm	2 layers of concrete slabs
Ø 7 m	60/60/60 cm	2 layers of concrete slabs
3 x 3 m	50/50/60 cm	1 layer of concrete slabs
3.5 x 3.5 m	50/50/60 cm	1 layer of concrete slabs
4 x 4 m	50/50/60 cm	1 layer of concrete slabs
4.5 x 4.5 m	50/50/60 cm	1 layer of concrete slabs
5 x 5 m	60/60/60 cm	2 layers of concrete slabs

Intermediate and special sizes on request.



SCHATTELLO Accessories and Bases

Additional protective sleeve,
in Airtex. Please state sunshade size.

Order No. **SA130**



SA130

**Additional protective sleeve with
telescopic system and zipper,**
in Airtex, length of telescope: 4.5 m.
Please state sunshade size.

Order No. **SA132**

**Protective sleeve for sunshades with integrated
heaters, with telescopic system and zipper,**
in Airtex, length of telescope: 4.5 m.
Please state sunshade size.

Order No. **SA134**



SA132 / SA134



SCHATTELLO Accessories and Bases

Rain gutter
in Airtex, 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. **SA140**



SA140

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 Airtex,
cf. Page 82 onward.



Side sheets

Full frame pedestals
for 1 set of concrete slabs

Full frame pedestal without slabs,
for 1 set of standard concrete slabs,
50 x 50 x 5 cm, galvanized, 103 x 103 cm,
weight approx. 27 kg,
height of frame x= 5 cm, total height 29 cm.

Order No. **SZ111**

Full frame pedestal with
4 diagonal support levelling screws,
without slabs, for 1 set of concrete slabs, galvanized,
103 x 103 cm, weight approx. 28 kg,
total height min. 32 cm, max. 36 cm.

Order No. **SZ112**

Full frame pedestal on wheels,
with heavy-duty rollers and fixing brakes,
without slabs, for 1 set 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. **SZ114**

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**

Full frame pedestal with upper tube of SZ118
same as SZ208, but lockable.

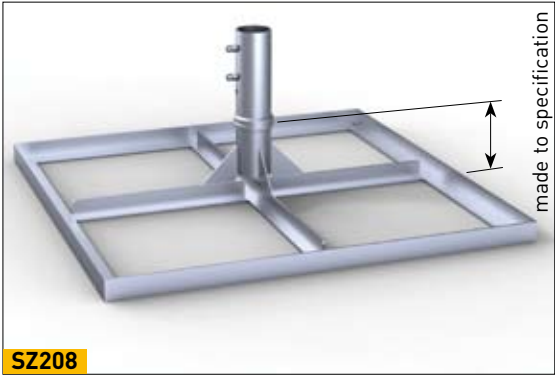
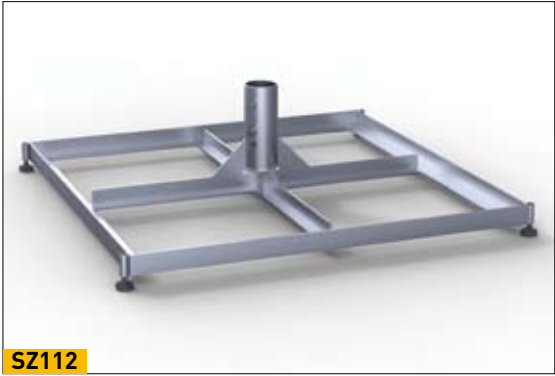
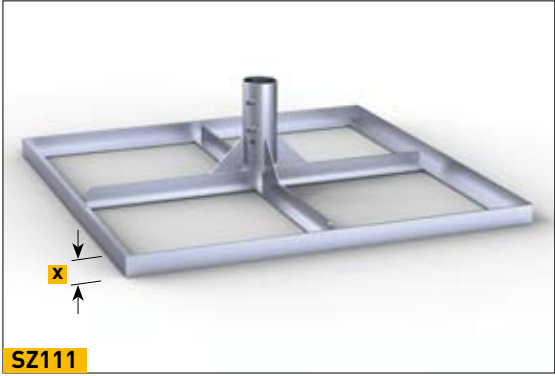
Order No. **SZ209**

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**

Full frame pedestal with upper tube of SZ118
same as SZ210, but lockable.

Order No. **SZ211**



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**

Full frame pedestal with 4 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**

Full frame pedestal on wheels,
with 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!

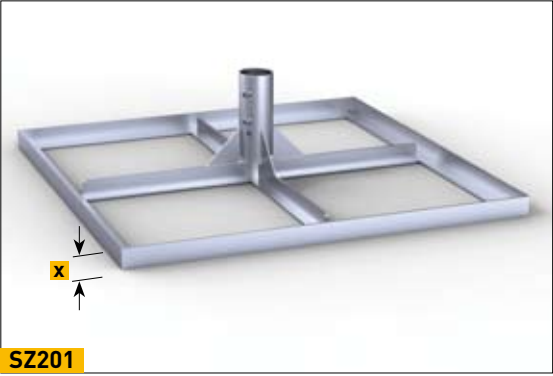
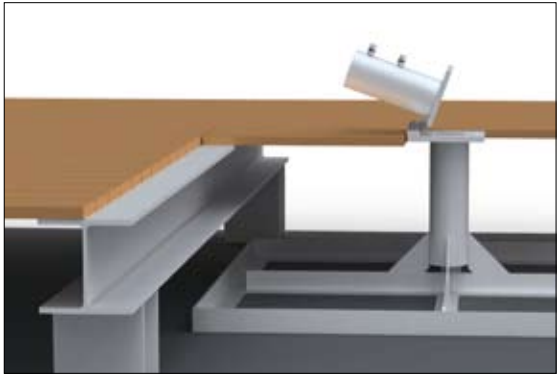
Order No. **SZ205**

Theft pin
padlock and pin.

Order No. **200103**

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

Order No. **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**

Anchor tube to be embedded in concrete,
same as SZ118, but lockable,
with theft pin 200103.
Order No. **SZ119**

Anchor tube to be embedded in concrete,
2 pieces, screw-off upper part, for 12-segment shade,
a = 22 cm, b = 29 cm, x = Ø 17 cm, y = 16 cm.
Order No. **SZ121**

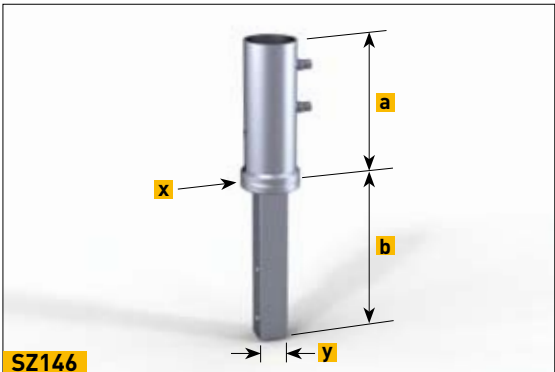
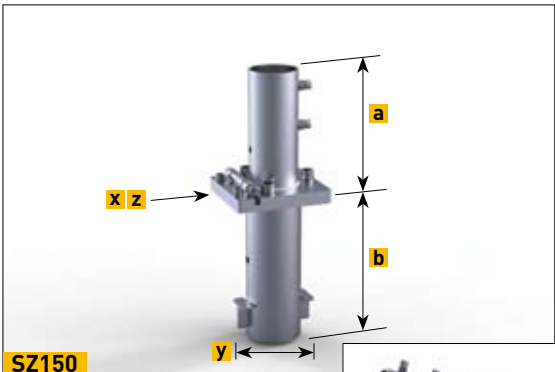
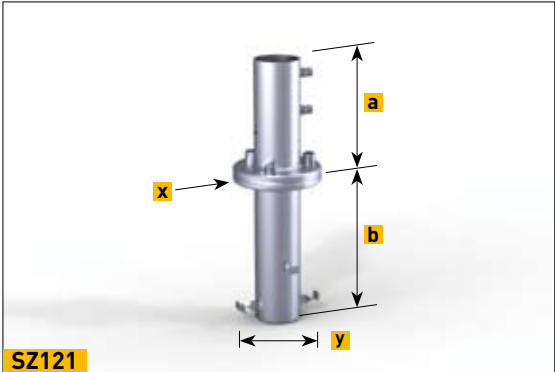
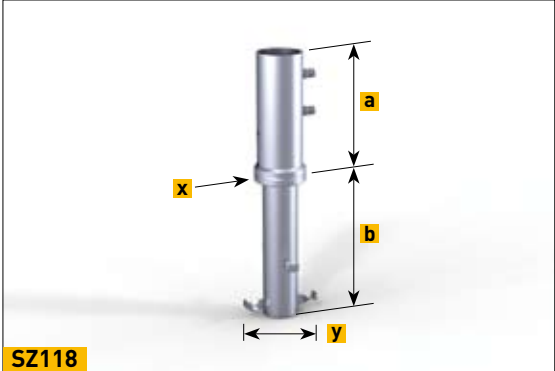
Anchor tube to be embedded in concrete,
same as SZ121, but lockable,
with theft pin 200103.
Order No. **SZ122**

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**

Anchor tube to be embedded in concrete,
with placement hinge,
same as SZ150, but lockable, with theft pin 200103.
Order No. **SZ151**

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 x 5 cm.
Order No. **SZ146**

Anchor tube to be embedded in concrete
same as SZ146, but lockable,
with theft pin 200103.
Order No. **SZ147**



Dowel-anchored plate
galvanized, 50 x 50 x 1.2 cm, weight 23 kg,
a = 25 cm, x = 50 x 50 cm, t = 1.2 cm, z = Ø 1.8 cm.
Order No. **SZ123**

Dowel-anchored plate
same as SZ123, but lockable, with theft pin.
Order No. **SZ124**

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**

Dowel-anchored plate, with placement hinge,
same as SZ131, but lockable, with theft pin.
Order No. **SZ132**

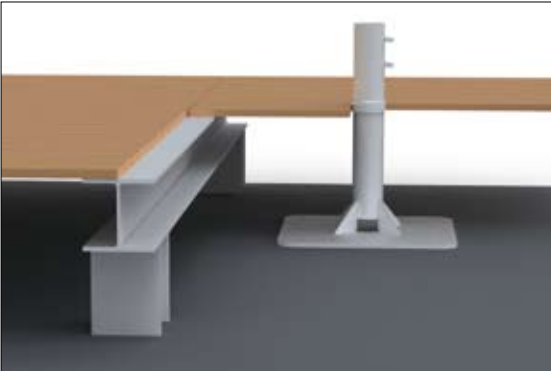
Customized installation bases
(not available on stock)

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**

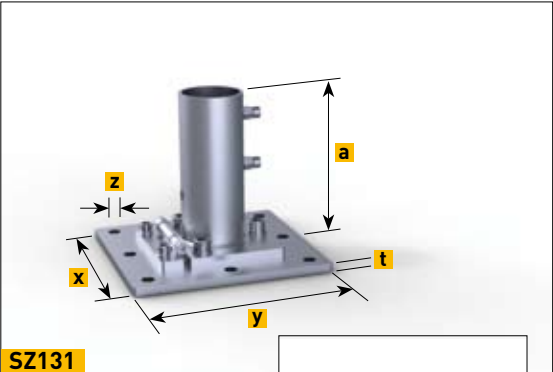
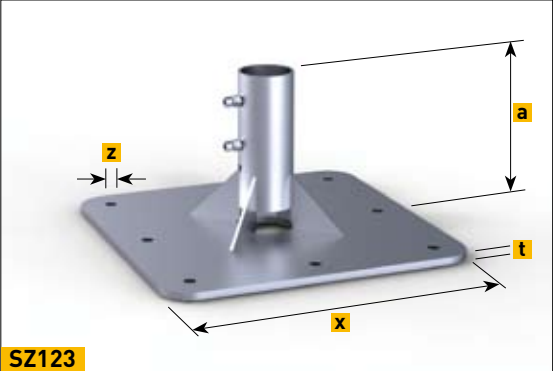
Dowel-anchored plate
with placement hinge and upper tube of SZ150,
same as SZ127, but lockable, with theft pin.
Order No. **SZ128**

Dowel-anchored plate upper tube of SZ118
customized height to fit patio surface,
galvanized, anchor plate 50 x 50 cm.
Order No. **SZ129**

Dowel-anchored plate upper tube of SZ118,
same as SZ129, but lockable, with theft pin.
Order No. **SZ130**



Installation of SZ129
in patio area.





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.

Operation

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, brown RAL 8019, or silver RAL 9006. Special colours available on request.

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

Robust central rod system

Disc 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. With intermediate, shock-absorbing rubber pad. 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 84 onward.

Valance options

- without valance
 - straight valance
 - Deluxe valance
- cf. Page 91

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 70 onward

Additional equipment

- Side sheets
 - Rain gutter
 - Heaters, lighting and loud speakers
- cf. Page 74 onward



Operating mechanism



High-quality framework



Frame joints



Top plate



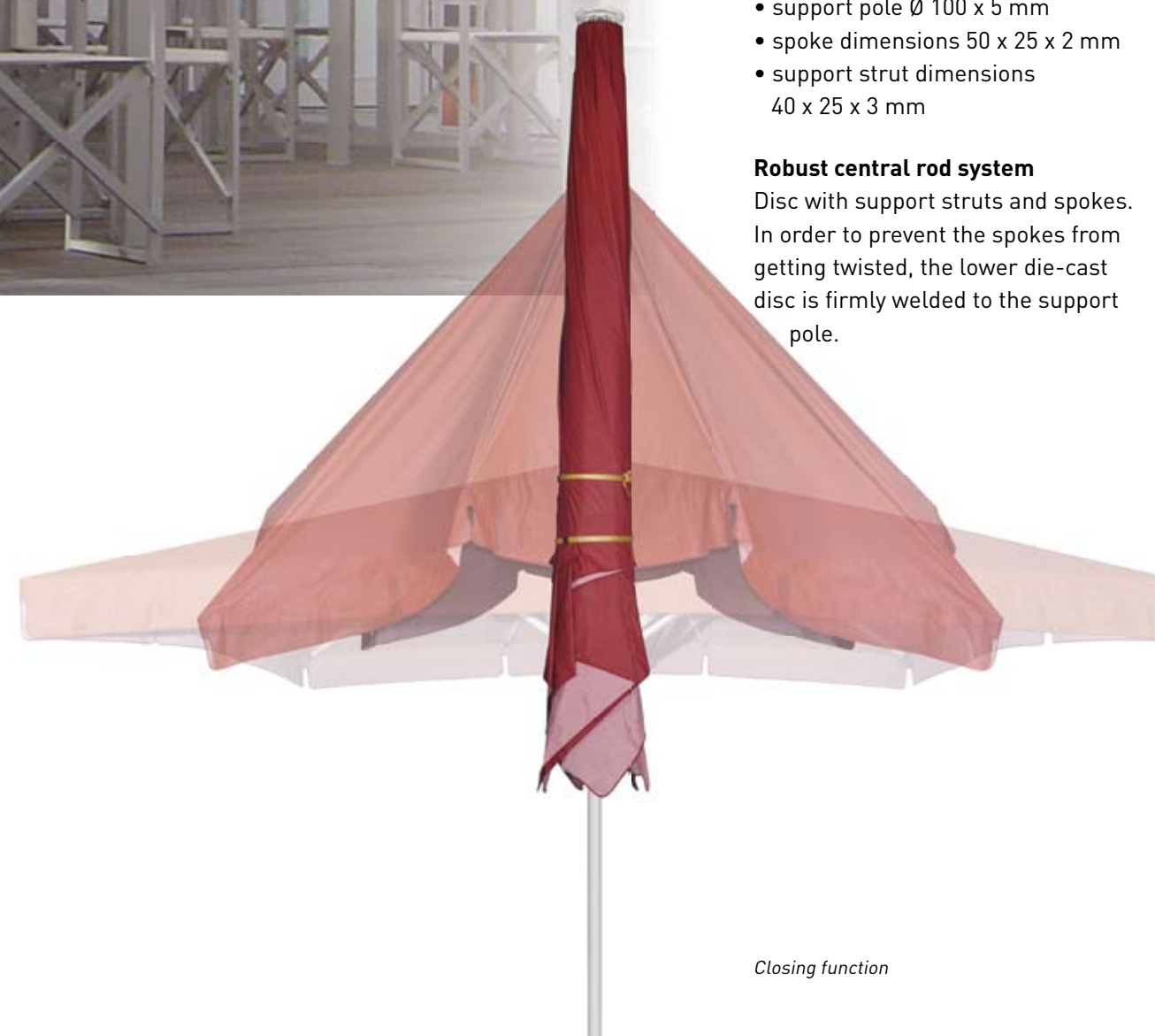
Canopy covering



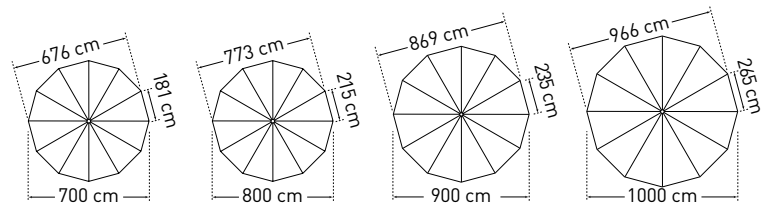
Without valance



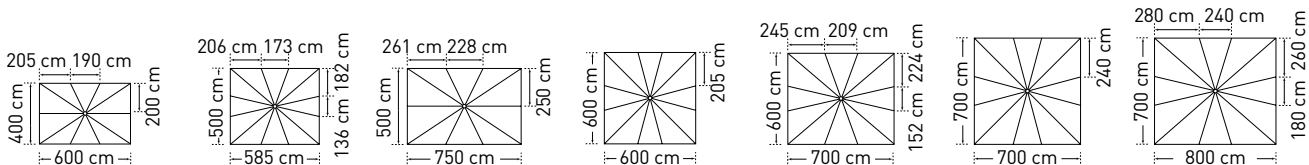
Straight valance



Closing function



Model ALBATROS		Ø 7 m	Ø 8 m	Ø 9 m	Ø 10 m ¹⁾
Segments		12	12	12	12
Area	m²	37	50	63	78
Height closed incl. top plate	cm	520	535	550	565
Height opened incl top plate	cm	345	360	375	390
Headroom with valance	cm	210	208	206	205
Headroom without valance	cm	245	245	242	240
Height valance	cm	33	33	33	33
Ground clearance <small>from spoke edge</small>	cm	155	120	85	50
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			

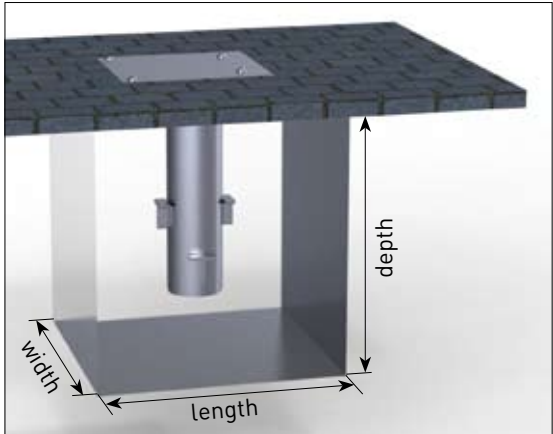


4 x 6 m	5 x 5.85 m	5 x 7.5 m ¹⁾	6 x 6 m	6 x 7 m	7 x 7 m ¹⁾	7 x 8 m ¹⁾
10	12	10	12	12	12	12
24	29	37,5	36	41	49	56
520	525	535	535	555	550	570
325	329	329	345	359	355	375
213	213	213	210	213	210	210
242	240	240	245	242	245	245
33	33	33	33	33	33	33
145	130	72	95	72	38	25
70	92	92	92	92	92	92
183	190	200	200	207	215	235
104	106	129	113	121	133	160
outer Ø 100 (pole thickness 5)						
Ø 45 cm, length 580 cm, weight 30 kg						

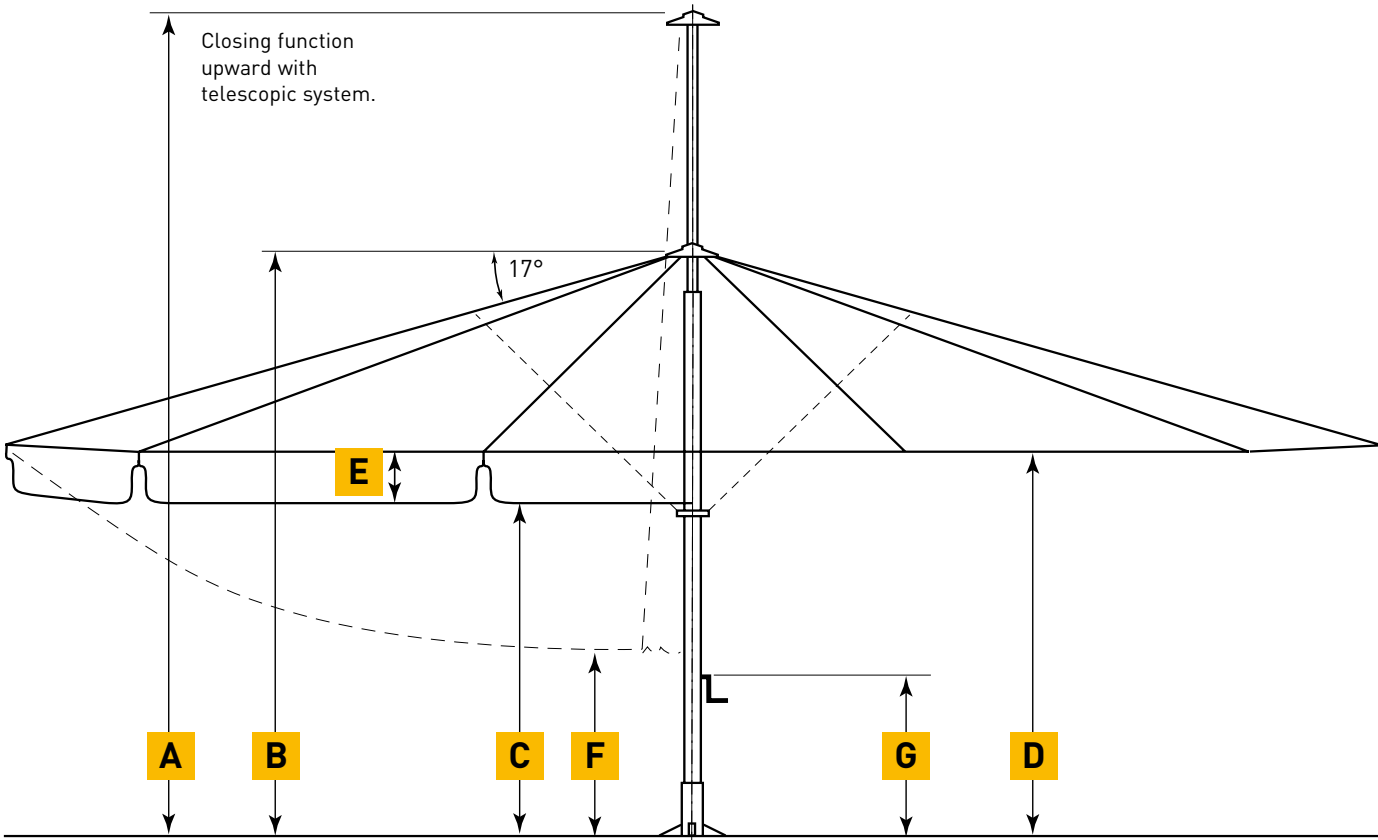
¹⁾ When concrete slabs are used as ballast, the shade cannot be fully closed because of the length of the spokes. In this case the length of the mast can be extended by 20 cm at an extra charge (cf. price-list Accessories). Note that the height dimensions then have to be increased by 20 cm.

All particulars given refer to sunshades fitted with Leacril 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	Installation base width/length/ min. depth	Required ballast for mobile installation (incl. frame)
Ø 7 m	80/80/60 cm	approx. 720 kg
Ø 8 m	80/80/60 cm	approx. 980 kg
Ø 9 m	90/90/60 cm	approx. 1240 kg
Ø 10 m	100/100/60 cm	approx. 1560 kg
4 x 6 m	70/70/60 cm	approx. 720 kg
5 x 5.85 m	70/70/60 cm	approx. 720 kg
5 x 7.5 m	70/70/60 cm	approx. 720 kg
6 x 6 m	70/70/60 cm	approx. 720 kg
6 x 7 m	80/80/60 cm	approx. 980 kg
7 x 7 m	80/80/60 cm	approx. 980 kg
7 x 8 m	90/90/60 cm	approx. 1240 kg





ALBATROS Accessories and Bases

Additional protective sleeve,
in Airtex. Please state sunshade size.

Order No. **AA130**

**Additional protective sleeve with
telescopic system and zipper,**
in Airtex, 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 Airtex, 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**



AA130



AA132 / AA134



XA141



AA140



Side sheet

Albatros Accessories and Bases

Rain gutter
in Airtex, 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**

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.

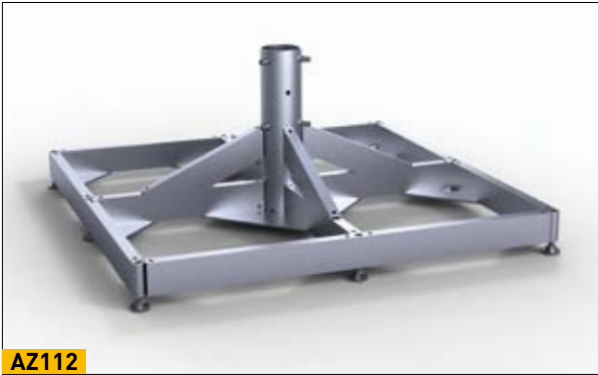
Side sheets
Textile in Airtex,
cf. Page 82 onward.

ALBATROS – Mobile Installation Options

Full frame pedestal, without slabs,
for standard concrete slabs,
50 x 50 x 5 cm, galvanized, 112 x 112 cm,
weight approx. 60 kg , total height 46 cm.
Order No. **AZ111**



**Full frame pedestal with 8 diagonal support level-
ling screws,** without slabs, for standard concrete
slabs, 50 x 50 x 5 cm, galvanized, 112 x 112 cm,
weight approx. 63 kg, total height min. 48 cm, max.
53 cm.
Order No. **AZ112**

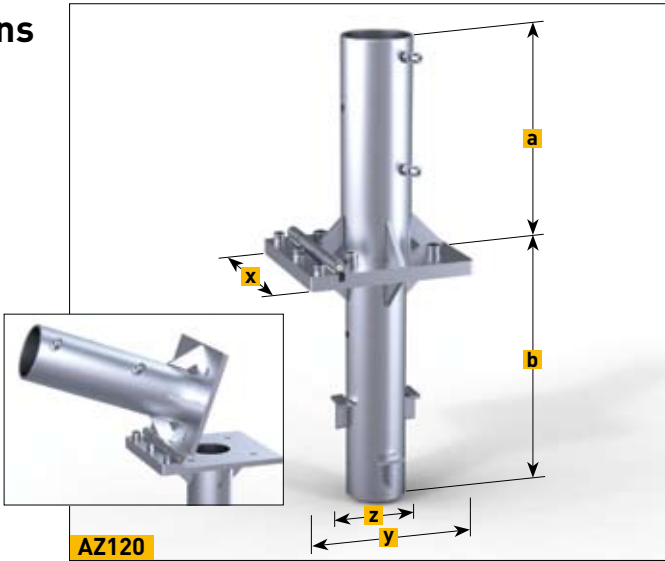


Concrete slabs
1 set = 4 slabs, each 50 x 50 x 5 cm,
weight per slab: approx. 28 kg.
Order No. **XZ50**

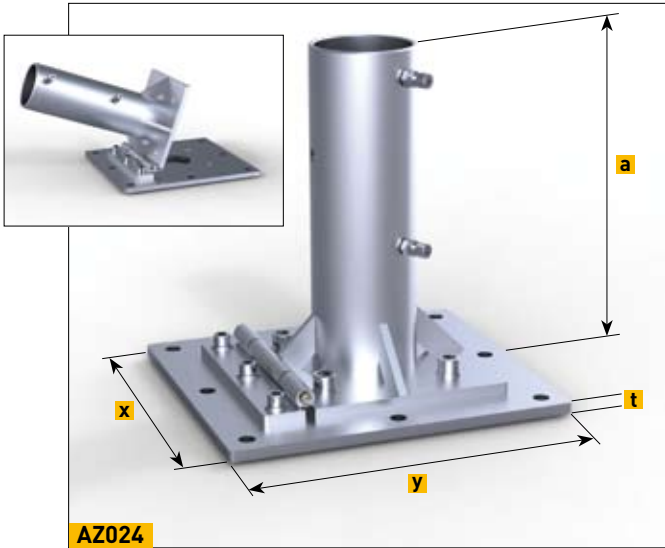
Steel slabs
1 set = 4 slabs, each 50 x 50 x 1.2 cm,
weight per slab: approx. 24 kg, galvanized.
Order No. **XZ51**

ALBATROS – Stationary Installation Options

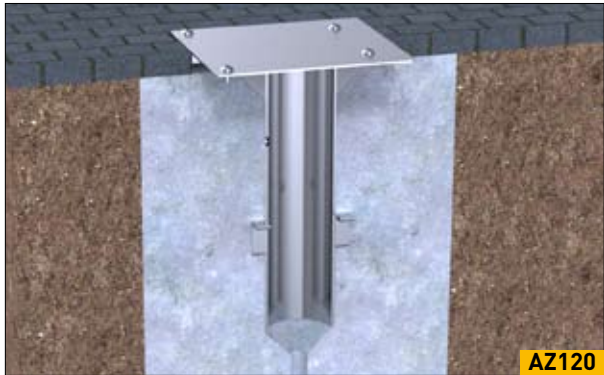
**Anchor foot with placement hinge, to be embedded
in concrete,** 2 pieces, theft pin as standard fitting,
galvanized, galvanized, 35 x 40 x 45 cm,
weight 20.5 kg. Pre-drill sunshade with anchor foot
on site.
a = 36 cm, b = 41 cm, x = 24 cm, y = 27.5 cm, z = 14.5 cm.
Order No. **AZ120**



Dowel-anchored plate, with placement hinge,
2 pieces, theft pin as standard fitting, galvanized,
50 x 50 x 45 x 1.2 cm, 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.
Order No. **AZ024**



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



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

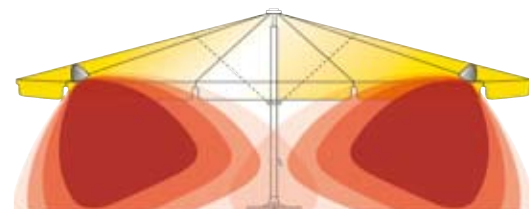


Premium parasol equipment for patios and smoking areas.

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.

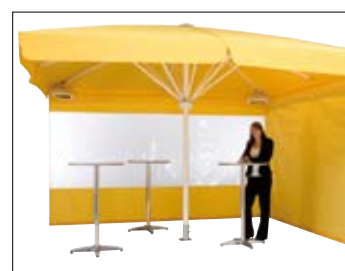
Ultra-easy handling

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.

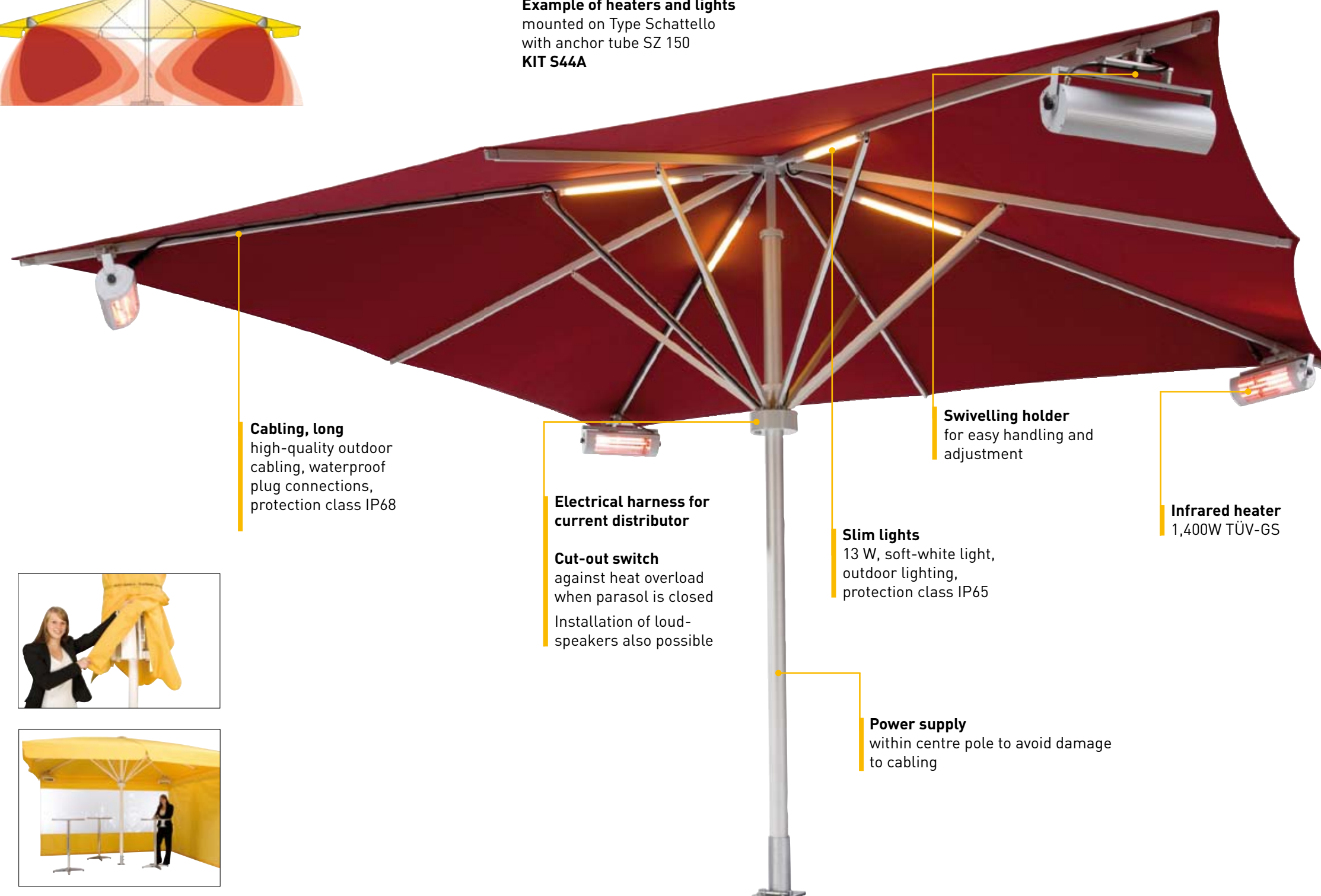


Wind shelter for smoking areas

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
1,400W 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 380V.

Adapter 200567 is necessary for parasol sizes 3 x 3 m, 3 x 5 m, and 4 x 6 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 13W	4	202092

For parasol sizes ø 4m, ø 5m and 3.5 x 3.5m 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 13W	4	202092

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

Kit S42Z For Type Schattello.

necessary only for sizes ø 4m, ø 5m and 3.5x3.5m		
consisting of:	Qty.	Order No.
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 13W	4	202092

Kit S44Z For Type Schattello.

necessary only for sizes ø 4m, ø 5m and 3.5x3.5m		
consisting of:	Qty.	Order No.
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 13W	4	202092

Lighting kit For Type Schattello and Albatros.

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

All-in Kits

General information: Albatros kits

The kits can only be used with anchor foot AZ121 or anchor plate with placement hinge AZ124. Cabling is for high-voltage current, 380V.

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 13W	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 13W	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 62.

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 400V connection.

Internal 2-circuit wiring Order No. 200587

Standard parasols with heaters require a 400V connection. If no high-voltage current is available, 2 x 230V 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. 2m. At the end of a spoke of your choice there should be ca. 1m 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.

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 1,400W 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.

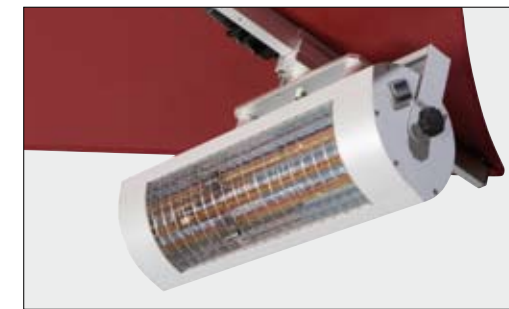
Timer switch Order No. 202050

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 13W, can be fitted to the parasol. The soft-coloured 2700°K lights are screwed directly onto the main spokes.



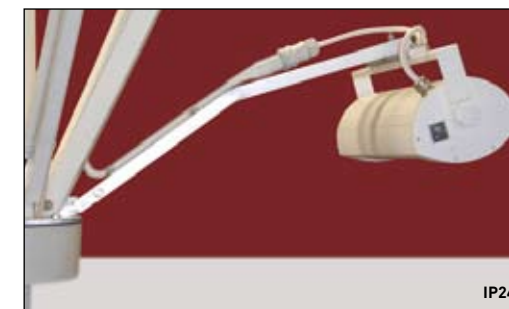
Infrared heater on swivelling holder



Off-position, turned 90°



Parasol closure



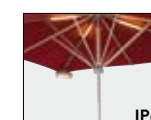
Infrared heater on swift-fold spar



Off-position, turned 90°



Parasol closure





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:

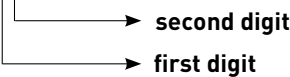
Dimensioning and installation of electrical leads must be carried out by a certified electrician only. Always protect your parasol with RCD and automatic cut-out.

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.



IP degree of protection: Example IP 65:



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 (Ø 50 mm)
2	finger	medium-sized foreign objects (Ø > 12 mm)
3	tools and wires (Ø > 2.5 mm)	small foreign objects (Ø > 2.5 mm)
4	tools and wires (Ø> 1 mm)	grain-shaped foreign objects (Ø > 1 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

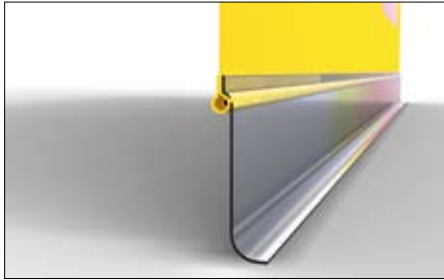
Side sheets provide all-weather protection and ward off side- winds. The Polyester material is durable and can be imprinted with any graphic design of your choice. Several variations are available, e.g. without windows, with windows or with an continuous light belt.

- All side sheets are of Airtex 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

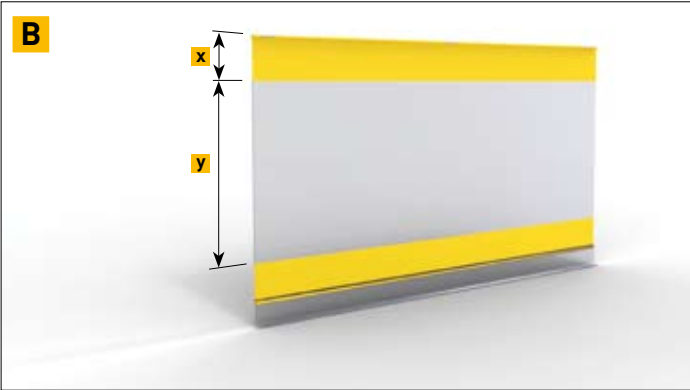


Installation of side sheet variations B and A

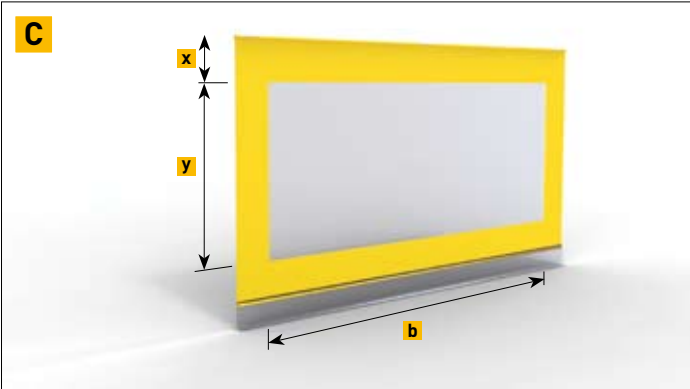
The side sheets shown below span two canopy segments and are fastened to 3 spokes.



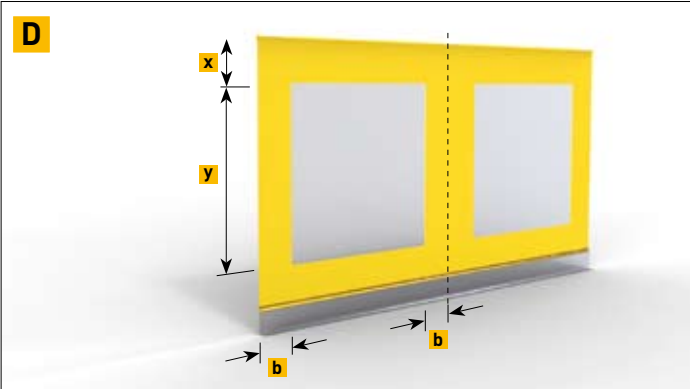
Side sheet without windows



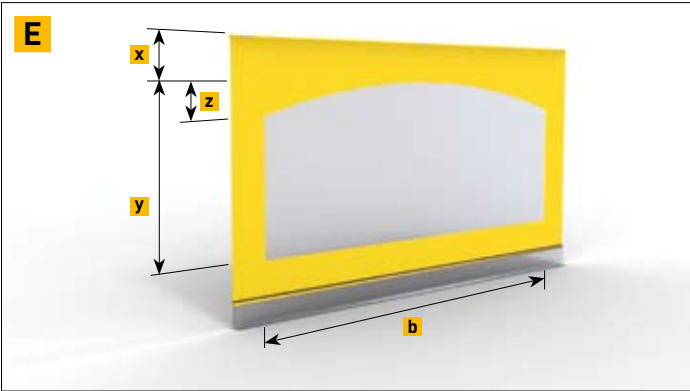
Side sheet with continuous light belt



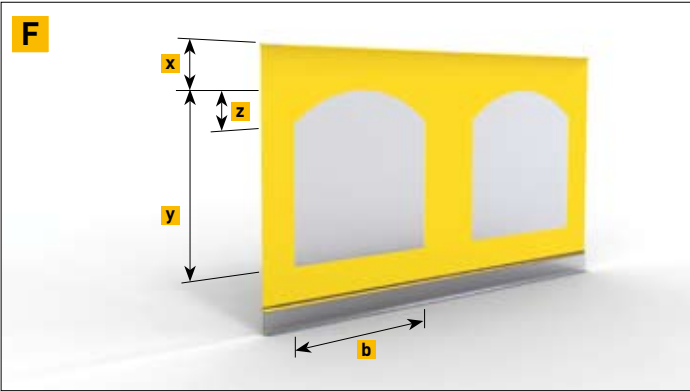
Side sheet with one window across two segments



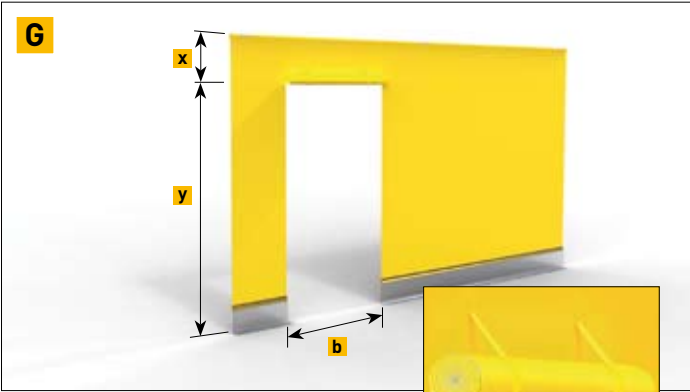
Side sheet with one window per segment



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

LEACRIL 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



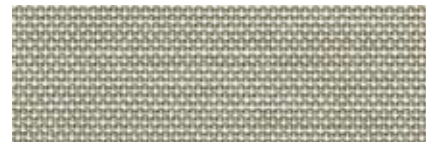
SA 314 044 grey/white



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



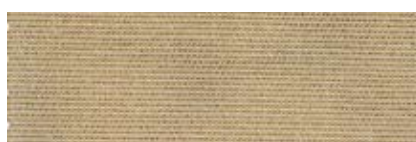
SA 314 003 yellow



SA 314 347 ruby



SA 314 344 multi-colour



SA 314 038 beige



SA 314 022 rust



SA 314 763 bordeaux



SA 314 362 dark green



SA 314 257 green/black



SA 314 011 royal blue



SA 314 006 sapphire



SA 314 414 navy blue



SA 314 271 navy blue/black



SA 314 154 black

VALMEX-AIRTEX classic

- 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

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.

Borderings

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



00 white



20 ivory



10 pyrite



11 beige



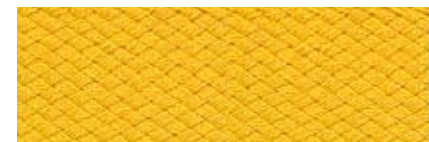
52 natural tan



147 opal



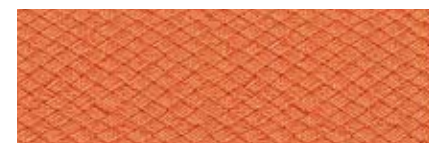
18 silver



32 yellow



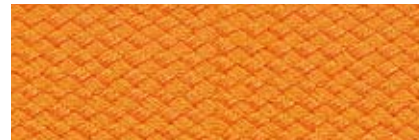
15 ochre



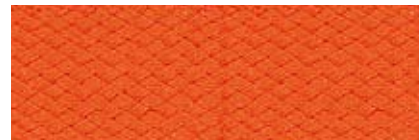
148 terracotta



128 salmon



79 mandarin



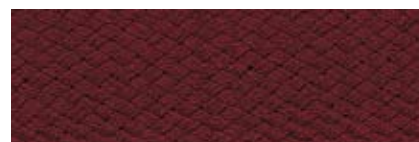
81 orange



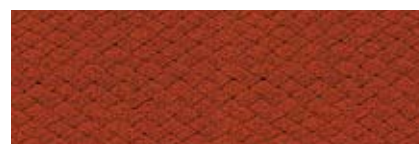
82 red



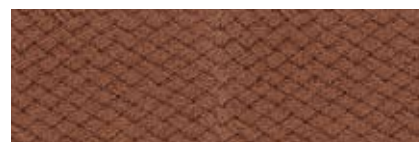
85 cherry



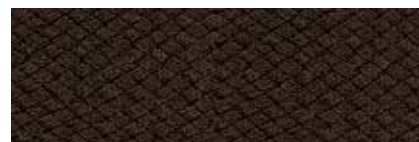
86 bordeaux



83 rust



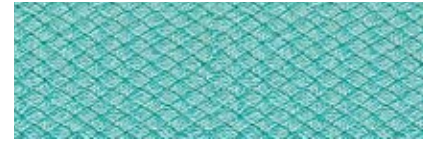
25 light brown



27 dark brown



19 black



152 mint



151 turquoise



63 blue



62 royal blue



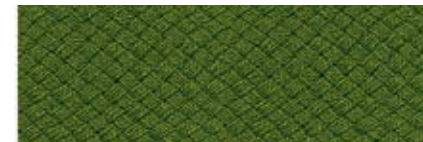
66 sapphire



91 navy blue



42 lime



45 olive



44 pine green



95 dark green

Atmosphere and Personal Well-Being

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



Harmony
through well-balanced colours



Joie de vivre
through vibrant colours



Inner peace
through natural shades of colour

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

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

Healthy shade provider,
protection from harmful UV radiation

The sun is a source of life and its light provides our bodies with essential vitamins, but it can also be very dangerous. Studies by the WHO indicate a threefold increase in skin diseases caused by harmful UV radiation. The UV Protection Factor (Sun Protection Factor) of our awning fabrics is a unit that indicates to what extent they

increase the human skin’s natural protection time to direct sunlight. The length of the natural protection of human skin depends on the skin type. All the designs in our collection have been tested and certified according to the latest and most stringent standard UV 801.

Sun Protection Factor



Effect on personal well-being



LEACRIL UNI				
SA 314 001, SA 314 002, SA 314 003, SA 314 011, SA 314 014		80	●	
SA 314 006, SA 314 008, SA 314 018, SA 314 019, SA 314 022, SA 314 033, 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 314 010, SA 314 325, SA 314 471, SA 314 583	60			●
SA 314 580	40			●
DA 7560	60		●	●
VALMEX AIRTEX		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		
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".

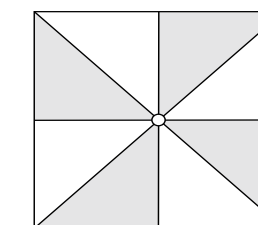
Characteristic features of our sewing yarn:

- 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

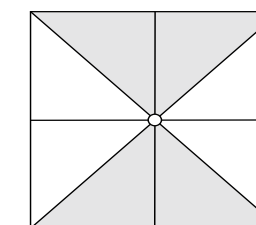


Canopy covering

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



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.