

**BAHAMA®**

Pure



# Bahama

Founded in 1950 today Bahama designs and manufactures a great variety of high-quality large-size parasols and sun sails. National and International customers alike trust in our industrial technology and accurate workmanship. The premium products from Bahama characteristically stand for technical attributes like compactness, durability and wind stability but also for aesthetical features like beautiful designs and materials.

»Made in Germany« – our full range production facility manufactures nearly all parts in house. Bahama further processes sustainable and environmentally friendly materials. The combination of high-quality materials and the structural features allows Bahama to guarantee wind stability for its products, depending on the model, of up to 130 km/h.

**And most importantly: we love customer service** – from consulting to installation, from cleaning to winter storage and maintenance.

**Discover the possibilities of an extended outdoor season. No matter what the weather. Just get to know us!**

## The Heart of it All

Pure is our entry-level model. The large-size umbrella has a convincing price-performance ratio, with the high standards of a professional large-size parasol. The product range is aimed at both commercial and private customers.

- ✿ 20 different model sizes ranging from 2.8 m<sup>2</sup> to 16 m<sup>2</sup>
- ✿ Round, square and rectangular models
- ✿ Reduced, puristic design
- ✿ Professional workmanship
- ✿ Telescopic opening and closing, resulting in increased ground clearance
- ✿ Optimal fabric tension with the help of a tension handle integrated in the center pole
- ✿ No loose functional parts such as ropes, cranks or plugs
- ✿ Standard frame color in anthracite gray | RAL 7016, textured matte finish
- ✿ High grade, thoroughly tried and tested quality material »betex®05«
- ✿ Large selection of contemporary membrane colors
- ✿ Excellent UV-protection UPF 50+ (exception: snow 9577)
- ✿ Numerous possibilities for printing on the textile membranes and/or valances



**Bahama®**











# Product Information

## 1 Textile Membranes

The fabric of the manufactured textile membrane combines all the characteristics of a durable and sustainable product. These include not only the high-quality optics but also a variety of technical features.

### 1.1. Brand Name: betex®05 | Fabric exclusively crafted for Bahama

- 100% polyester fabric with top transparent coating
- Grammage of approx. 200 g/m²
- Excellent UV-protection UPF 50+ protects against UV radiation (exception: snow 9577)
- High degree of fabric lightfastness (i.e. fading) (DIN EN ISO 105-B02 Class ≥ 6–7)
- High waterproofness, pressure resistance (DIN EN 20811, ISO 811 | Water column ≥ 100 mbar, 1.000 mm)
- Low moisture absorption, dries quickly
- High temperature resistance (DIN 53361 from -30°/+90°C)
- Excellent friction resistance (DIN EN ISO 105-x12 | Class ≥ 4–5)
- High tear resistance due to high thread count
- Durable, tailor-made and dimensionally stable with perfect membrane tension
- Sustainable and environmentally friendly fabrics with the OEKO-TEX 100 Standard, Class 1
- Exchangeable and washable one-piece membranes
- 25 contemporary colors (custom colors upon request)
- Printable with the most modern printing process



## 2 Umbrella Frame

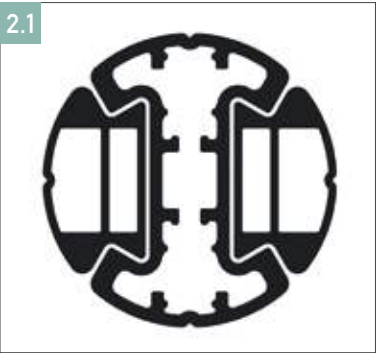
The large-size Bahama umbrella consists of a double-T profile and two adjacent smaller columns. Optically combined they form a single column in the lower center pole part. Better sturdiness also means better stability and the corresponding safety. The standard frame color of the umbrella model is anthracite gray RAL 7016, textured matte finish. Due to the subsequent PES powder coating, the surface is impact and scratch resistant.

### Center Pole

- Invisible and internally strengthened center pole elements 2.1
- Pole diameter approx. 70 mm, wall thickness approx. 3 mm
- Including locking device 2.2 for opened and closed condition
- Especially stable due to the extruded aluminum hollow profiles

### Spokes, Support Spokes, Bearings and Hinges

- The quality of a parasol can only be as good as its supporting and connecting parts
- Spokes and support spokes made of extruded aluminum hollow profiles 2.4
- Wall thickness approx. 2 mm with internal reinforcements
- Spokes and support spokes are individually interchangeable quickly and easily due to their plug connection (stainless steel bolt with spring clip) 2.3
- High quality injection molded joint elements made of glass fiber reinforced polyamide (PA6GF30), color anthracite gray with a textured surface





# Product Information



### 3 Installation Options

There is a choice of mobile or permanent installation options. Mobile installations are characterized by a greater degree of flexibility. When installing an in-ground option, building measures must be carried out. All installation options are hot-dip galvanized and optionally powder coated.

#### 3.1. Mobile Installation Options

##### I. Steel Plate Base with 4 | 1 layer or 8 Steel Plates | 2 Layers

Flat construction with only 15 mm installation height (30 mm respectively for a 2 layered system) [I.1](#)

Screw-on connecting components (receiving sleeve) with tilting hinge, powder-coated in anthracite gray RAL 7016, textured matte finish

Plate size: 490 × 490 × 15 mm (ea. 28 kg)

Wind warranty only in connection with 2-layered steel plate base (8 steel plates)

Umbrella height and table clearance increase by 3 cm with a 1-layered steel plate base and by 4.5 cm with a 2-layered steel plate base

##### OPTIONAL

Powder-coating of the steel plate base in anthracite grey | RAL 7016, textured matte finish

Spacer (e.g. for terrace substructures), starting at 89 mm [I.2](#). Measurements don't include the steel plate height nor the 8 mm thick winter cover, which has to be taken into consideration for flush-mounting

##### II. Cross-Frame

Steel frame For 8 standard flagstones 500 × 500 × 50 mm (not included in the price)

Size of cross-frame: approx. 1130 × 1130 mm

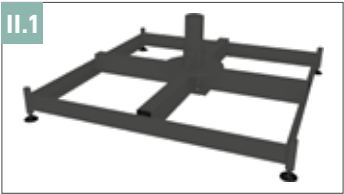
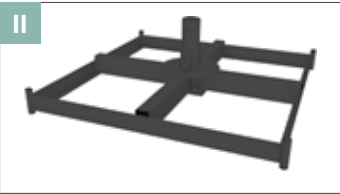
Weight of cross-frame: approx. 28 kg

##### OPTIONAL

Powder-coating in anthracite grey | RAL 7016, textured matte finish

Height adjustable in all 4 corners [II.1](#)

8 standard flagstones 500 × 500 × 50 mm required for all umbrellas



#### 3.2. Permanent Installation Options

##### I. In-Ground Tipping Base

Lower part to be set in concrete

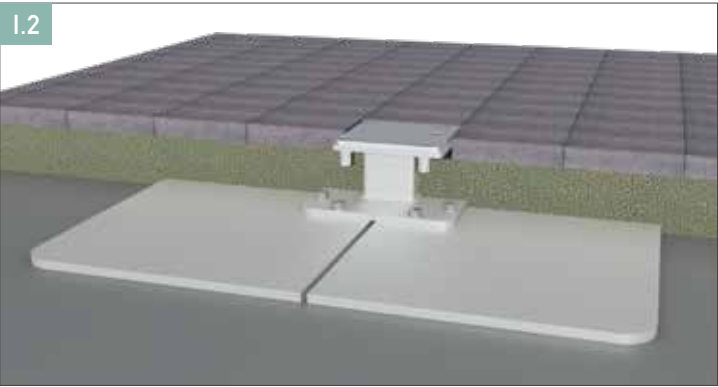
Screw-on connecting components (receiving sleeve) with tilting hinge, powder-coated in anthracite gray RAL 7016, textured matte finish [I.1](#)

Weight: approx. 3.4 kg

The 8 mm thick winter cover has to be taken into consideration for flush-mounting

##### OPTIONAL

Spacer for Tipping Base for bridging a gap e.g. installation in a kindergarten sandbox; height order based starting at min. 89 mm to 392 mm [I.2](#) (special sizes on request)





# Product Information

## II. Surface Mount

hot-dip galvanized

Screw-on connecting components (receiving sleeve) with tilting hinge, powder-coated in anthracite gray RAL 7016, textured matte finish **II.1**

Especially suited for bolting onto massive concrete surfaces

Weight: approx. 14.2 kg

OPTIONAL

Powder-coating in anthracite grey | RAL 7016, textured matte finish

»fischer« heavy-duty anchoring bolts (1 set =4 pcs.); type #FH II 15/15 SK A4; M10 thread; incl. concrete drill type #SDS Plus II, drill depth 105 mm and Allen wrench SW 6

### II.1



## III. Multi-use flange plate | for 3 or 4 screws

Size: 260 x 260 x 23 mm

Weight: 9.7 kg  
(includes the winter cover)

Galvanized multi-use flange plate | adaption for In-Ground Tipping Base **III**

For in-ground bases with 3 or 4 screws, with M10 or M12 screw connection, e.g. for Event

incl. winter cover

Galvanized multi-use flange plate (20 mm) with stainless steel lid (3 mm) **III.1**

### III



### III.1



# Additional Features

## 1 Valance

The valance is hemmed and dyed in the matching color.

Valance height approx. 30 cm  
(The passage height is therefore reduced by 30 cm)

Continuous or split valance possible

Additional advertising space

## 2 Printing

The Bahama UV printer uses 9 color channels. Even pure white. Only lightfast and highest quality inks are used to ensure color accurate fonts, logos and emblems are positioned with millimeter precision. After the print job the membrane segments are sewed together.

No fading due to highly UV-resistant colors

Optimal advertising impact

Individual printing of the textile membranes

**References:** Mc Donalds, Starbucks, Heineken, Carlsberg, Bitburger, Gaffel, Café & Bar Celona, Café Extrablatt, Hilton, Kempinski et al

## 3 Transport Packaging

The parasols leave our production facility in perfect condition. To ensure they arrive in perfect condition they are delivered in a hard-cardboard cylinder tube.

Outer diameter: approx. 415 to 450 mm\*

Cylinder length: approx. 4.200 to 4.570 mm\*

Weight without parasol: approx. 30 kg\*

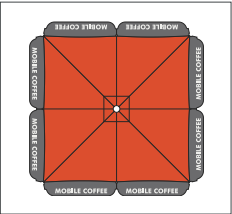
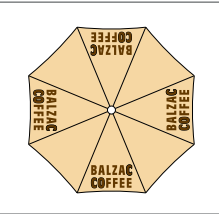
\*depending on model



### 1



### 2



### 3





# Additional Features

## 4 Protection Cover

Not only does it keep everything together, it also keeps it clean. Film packaging is often not enough protection. To this end there are – especially for winter or long-term storage – robust protective covers in different versions.

### Protective Cover basic

Light weather protection cover 4.1

Tent fabric | Nicotarp with lacing

### Protective Cover comfort

Robust weather protection cover 4.2

betex®05« | Polyester | 9801 - concrete

With zipper for telescopic rod

### Protective Cover comfort with Telescopic Rod

Equipped with a telescopic rod 4.2, when ordering more than one cover, only one telescopic rod is necessary

Easy to put over the parasol

Recommended for all models, sizes > 3 m

4.1



4.2



Notice: Images 4.1 and 4.2 show a different umbrella model

## 5 Impact Protection

Metal or soft padding? Some questions answer themselves when it comes to eliminating a potential source of injury (e.g. kindergartens or retirement homes).

Colorful soft foam safeguard; available in 10 colors

Cuff with soft foam on the inside

Outer material made of polyester fabric with PVC coating

With Velcro fasteners

Must be removed before opening or closing the umbrella

5



5



Notice: Image 5 shows a different umbrella model

# Handling

Opening and closing is quick and easy.

### OPENING

- Take off the safety strap
- To relieve the lock located in the slider ring 1 press a spoke towards the center pole
- Unlock the cylinder lock inside the slider ring
- Lift the ends of the spokes until the parasol opens by itself
- Attention: The tension handle may not be locked during this process 2
- Lift the tension handle, press the slider ring down, place the compression clamp on the hook and push the tension handle downwards to fully tension the umbrella 3

### CLOSING

- Lift handle up
- Press the slider ring down to unhook the compression clamp
- Lift the tension latch further up
- Push the slider ring up
- Push the spokes towards the center pole, lock-up the slider ring lock 1
- Press the tension latch back towards the center pole
- Pull the tips of the fabric to the outside of the closed parasol and spirally wrap them around the center pole 4
- Then wrap the safety strap around the parasol 5

The excellent appearance and the technical features of the textile membrane can be maintained by adhering to the following closing procedures:

Always pull the tips of the fabric to the outside of a closed parasol

Do not store the parasol with any fabric stuck between the spokes and support spokes

Spirally wrap the fabric around the center pole

Wrap the safety strap around the parasol to secure the fabric

Re-adjust safety strap(s) in case of longer closing times

A protective cover is recommended in case of longer closing times

1



2



2



3



4



5



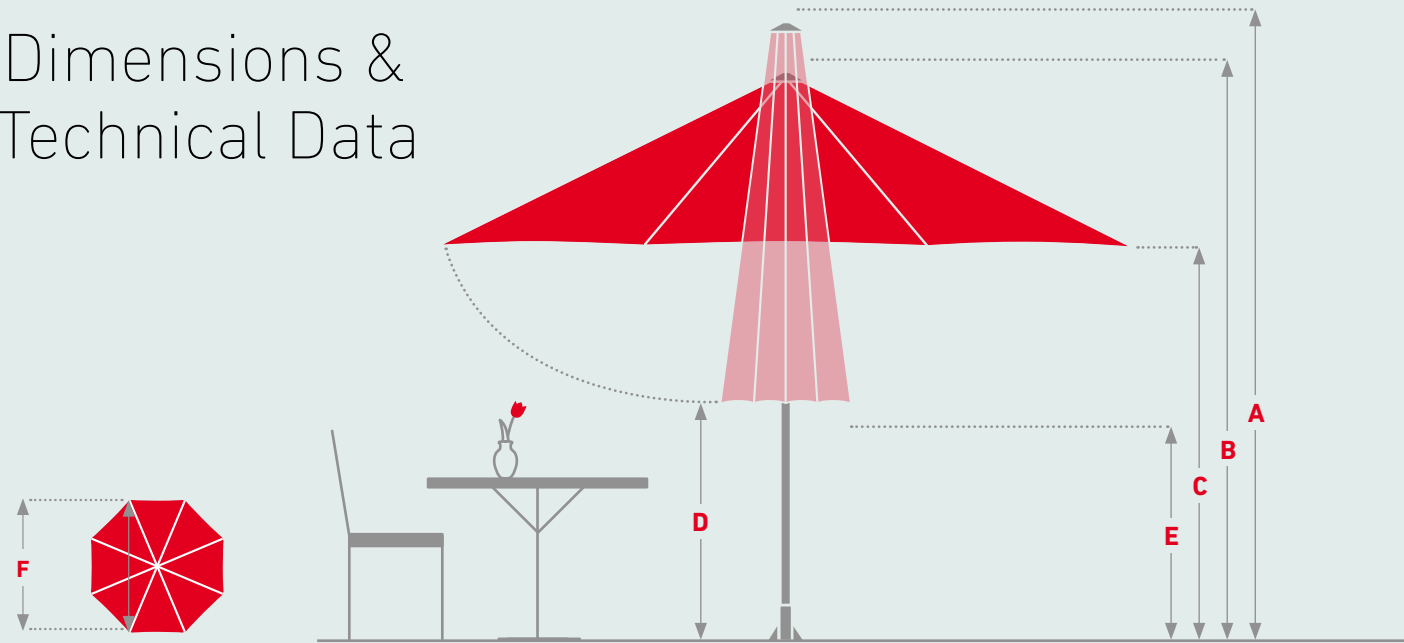
5




Notice: Images 4 and 5 show a different umbrella model



Dimensions & Technical Data

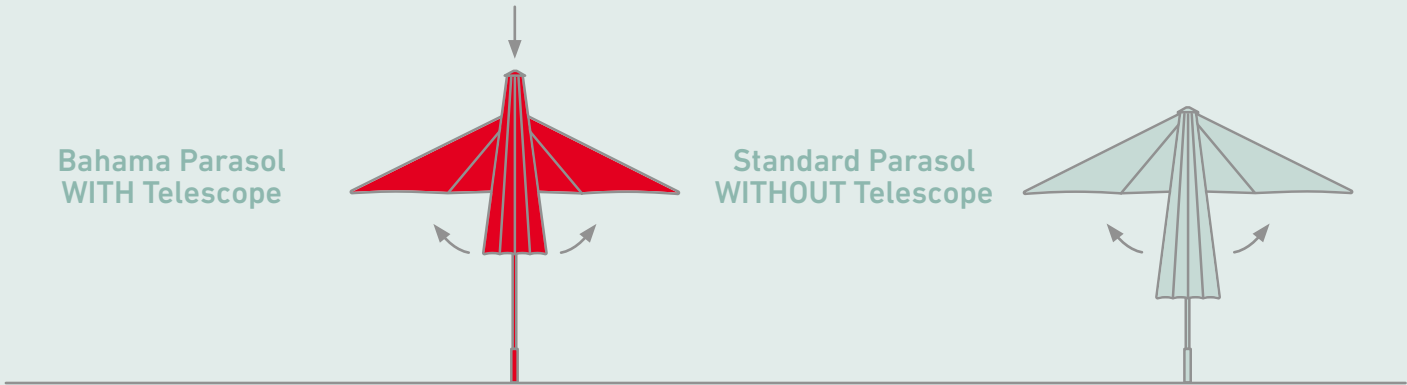







					
	Ø 2.0 m 8 spokes	Ø 2.5 m 8 spokes	Ø 3.0 m 8 spokes	Ø 3.5 m 8 spokes	Ø 4.0 m 8 spokes
All measurements are approximate					
Area in m²	Coming soon	Coming soon	6.3	Coming soon	11.3
Parasol weight in kg			30		35
A Height closed* in cm			323		353
B Height opened* in cm			281		293
C Passage height* in cm			240		240
D Ground clearance* in cm			171		150
E Ground clearance* in cm when adding valances			141		120
F Inside circle dia. in cm			280		370
Max. permitted wind velocities fully opened parasol, km/h   Permanent			84		73
Max. permitted wind velocities fully opened parasol, km/h   Mobile 2-layered			63		55

										
	2.5 × 2.0 m 6 spokes	3.0 × 2.0 m 6 spokes	3.0 × 2.5 m 8 spokes	3.5 × 2.0 m 6 spokes	3.5 × 2.5 m 8 spokes	3.5 × 3.0 m 8 spokes	4.0 × 2.0 m 6 spokes	4.0 × 2.5 m 8 spokes	4.0 × 3.0 m 8 spokes	4.0 × 3.5 m 8 spokes
All measurements are approximate										
Area in m²	Coming soon	6	Coming soon	Coming soon	Coming soon	Coming soon	8	Coming soon	12	Coming soon
Parasol weight in kg		27					29		35	
A Height closed* in cm		331					353		372	
B Height opened* in cm		270					270		281	
C Passage height* in cm		240					240		240	
D Ground clearance* in cm		151					130		121	
E Ground clearance* in cm when adding valances		121					100		91	
Max. permitted wind velocities fully opened parasol, km/h   Permanent		86					82		74	
Max. permitted wind velocities fully opened parasol, km/h   Mobile 2-layered		65					62		56	

\* All measurements refer to the use with a permanent installation option (in-ground sleeve).

Telescopic Opening and Closing



					
	2.0 × 2.0 m 4 spokes	2.5 × 2.5 m 8 spokes	3.0 × 3.0 m 8 spokes	3.5 × 3.5 m 8 spokes	4.0 × 4.0 m 8 spokes
All measurements are approximate					
Area in m²	Coming soon	6.3	9	12.3	16
Parasol weight in kg		29	33	36	39
A Height closed* in cm		332	353	373	394
B Height opened* in cm		275	281	287	293
C Passage height* in cm		240	240	240	240
D Ground clearance* in cm		155	139	124	109
E Ground clearance* in cm when adding valances		125	109	94	79
Max. permitted wind velocities fully opened parasol, km/h   Permanent		86	80	73	65
Max. permitted wind velocities fully opened parasol, km/h   Mobile 2-layered		65	60	55	49



# Good to know

## Sustainability and Environmental Compatibility

The betex®05 fabric, exclusively crafted for Bahama, and the resulting textile membrane are certified exclusively according to the OEKO-TEX 100 standard, Class 1 which is awarded by independent institutions. Class 1 meets the demands of baby clothing with skin contact.

The OEKO-TEX pollutant test corresponds to the respective intended use of the textiles and materials. In Germany there are clear and reliable criteria for environmental compatibility and sustainability. Bahama demands of its products that every defect or damaged part can be replaced.

## Made in Germany

Bahama's customers always refer back to the great importance of our German production facilities. »Made in Germany« is still a unique selling point and a reason to buy. Bahama's full range production facility is located in Germany.

The combination of the highest quality materials and structural features allows Bahama to guarantee the wind stability of its products, depending on the model, up to 130 km/h. In addition to the technical details of the parasol, it is especially the lightfastness of the fabrics' colors, the waterproofness and grammage as well as the water column of the textile membranes which make Bahama top of its class. Trust is placed in Bahama by luxury hotels such as the Burj Al Arab in Dubai, the Hotel Sacher in Vienna and the Dalí Museum in St. Petersburg, USA.

## Service

Service greatly influences the life span of a parasol. The exchangeable textile membrane of a Bahama parasol can – after being exposed to all sorts of weather conditions for years – be cleaned or replaced. Our service makes a full technical and general overhaul of the product such that they not only look attractive, but can defy the strongest of winds.

No matter where you need Bahama's service, the Bahama team or one of our expert partners will be glad to help –worldwide.

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Careful and individual planning

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Installation of new parasols

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Fitting of new textile membranes

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Complete service i.e. assembling and disassembling the large parasols, washing, cleaning and maintenance of the frame and textile membranes

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Membrane service, i.e. fitting and removing the textile membrane, cleaning and repairing

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Storage of the returned and serviced large-size parasols and/or textile membranes

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Technical trainings

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## UV-Protection

Analogous to the sun protection factor/SPF all textiles are labeled with the ultraviolet protection factor/UPF. Built into the fabric it protects against hazardous UV radiation. Bahama uses the fabric brand betex®05 for the production of its parasol textile membranes. This material fulfills the requirements for UPF 50+, which indicates an »excellent« dermatological UV protection factor and allows less than one fiftieth (<2%) of the UV radiation through the textile membrane onto the skin.



Note: Subject to change without notice.



the LARGE-SIZE parasol



**BAHAMA<sup>®</sup>**

C4sun sails









# Bahama | C4sun

Founded in 1950, Bahama designs and manufactures high-quality, versatile large-size parasols. 2018 saw the company take over the C4sun sail product line, which was established back in 2011.

Every stage of the Bahama production process takes place in Germany, with almost all components for large-size parasols and sun sails drawn from in-house production. In addition, Bahama uses sustainable and environmentally-friendly textiles. This blend of high material standards and excellent design quality ensures that Bahama products offer outstanding wind stability.

**Most important of all, our customer service caters to your every need** – from consulting and installation through to cleaning, winter storage, and maintenance.







## C4sun HIGH-END sun sails

C4sun is a technically sophisticated and highly aesthetic product that opens the door to truly individual design. Each of these exclusive and unique products is tailored precisely to the desired dimensions and made by hand at Bahama's dedicated facility in Germany.

The C4sun sails are the world's first fully automatic roll-up shading protection system featuring an arched roof. This arching generates an unrivaled sense of space that helps all guests truly relax. These wonderfully eye-catching sails combine remarkable design with outstanding functionality and maximum comfort. The latest tube motor technologies, in connection with smart controls and safety made by Somfy, complete the sails for the highest demands. Thanks to the customized sizing, C4sun enables precision adjustments down to the last centimeter and ensures that each individual shade is a perfect standalone product. In this way, the sail, mast, and motor combine to deliver the perfect result.

## The Heart of it All

Two different C4sun model designs are available, each featuring a unique appearance and sense of space. High-quality masts made from stainless steel or aluminum add the finishing touch.

- ▀ 2 different designs:  
elips (2 basic models) and square (3 basic models)
- ▀ Sail sizes up to max. 106 m<sup>2</sup>
- ▀ Fully automated operation via remote control and app
- ▀ Unique sense of space due to arched roof design
- ▀ Tailored solution for representative outdoor areas
- ▀ Wind pressure relief system through internal weights or dampers
- ▀ 4 different masts with oval, round and square cross-sections
- ▀ Excellent UV protection | UPF50+
- ▀ High waterproofness

Sail above the competition.



# Product Information

## 1 Sail Material

### WeatherMAX 80

The ultimate eye-catching feature of any sail system is of course the canvas. C4sun uses the sail material WeatherMAX 80, a technically sophisticated fiber that is suitable for sun and rain protection alike. At Bahama, the canvas cut is created individually and on a project-specific basis. The basic production of the cloths takes place in cooperation with one of the leading sail manufacturers in Germany that incorporates state-of-the-art manufacturing technology.



20 contemporary colors | Special colors by request

Waterproof, yarn-dyed polyester fabric

Grammage of approx. 270 g/m<sup>2</sup>

High color brilliance and color fastness

Excellent anti-glare and UV protection | UPF50+, protection against harmful UV radiation

Breathable design prevents heat built-up and condensation

Highly waterproof

Very high resistance to tears and kinks

Subtle rib structure for elegant look

## 2 Sail Models

Striking outlines and stunning forms make the difference in matters of design, with the contours of the sail dictating the appearance of the entire system. Bahama provides the elips4sun and square4sun product lines, each of which offers its own benefits and special features to suit individual needs. Besides design, users can focus on maximum surface coverage, space saving, the number of masts, or their own personal tastes – all with the goal of generating a unique, customized, feel-good atmosphere whatever the weather.

Every conventional form of sun protection, such as an awning, must be installed with a sufficient inclination to drain away any rainwater. In contrast, the inclination-free C4sun sails feature a fantastic fully-horizontal design.

The special aluminum profiles, which are developed in-house at Bahama, allow for each sail to arch up on its own. When retracting the sail structure the profiles lay flat around the roller tube – a space-saving solution. The C4sun sails were mainly developed to protect against harmful sunrays. Of course, they also defy light rain, most of which runs off to the side. However, the sail should be retracted in heavy rain and extreme weather conditions. The wiser gives way!

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Elegant lines

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Innovative functionality

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Three-dimensional convex arching toward the sky

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Canvas rolls up flat when retracted

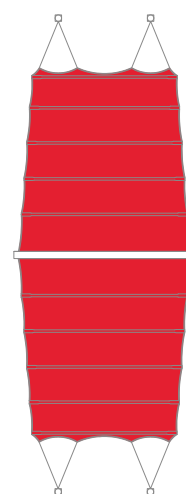
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Pre-shaped pre-tension technology featuring aluminum profiles developed in-house

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Every sail also available as double sail

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# Product Information

## 2 Sail Models



### elips4sun

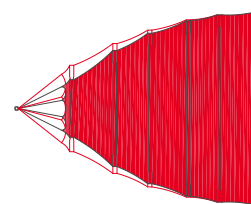
Four ropes and one mast

Ellipsoidal cut with curved sides

Organic design

Clew width: 1.8 m oder 2.7m

**Max. canvas size**  
**6.0 × 6.8 m**

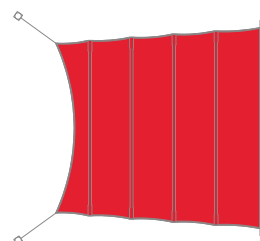


### square4sun | CROSS

Two ropes, each with one mast

Large shaded area

**Max. canvas size**  
**6.8 × 7.0 m**

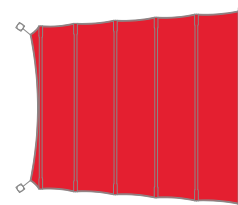


### square4sun | CROSS PRO

Two ropes, each with one mast

Particularly suitable for roof terraces and smaller areas due to shortened ropes

**Max. canvas size**  
**6.8 × 7.0 m**

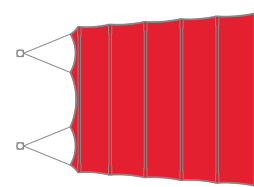


### square4sun | LINE

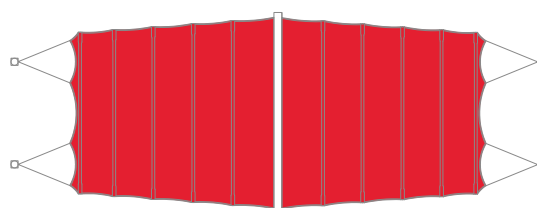
Four ropes with two masts

Large shaded area

**Max. canvas size**  
**6.8 × 7.8 m**



All models can be installed as double sail



# Product Information

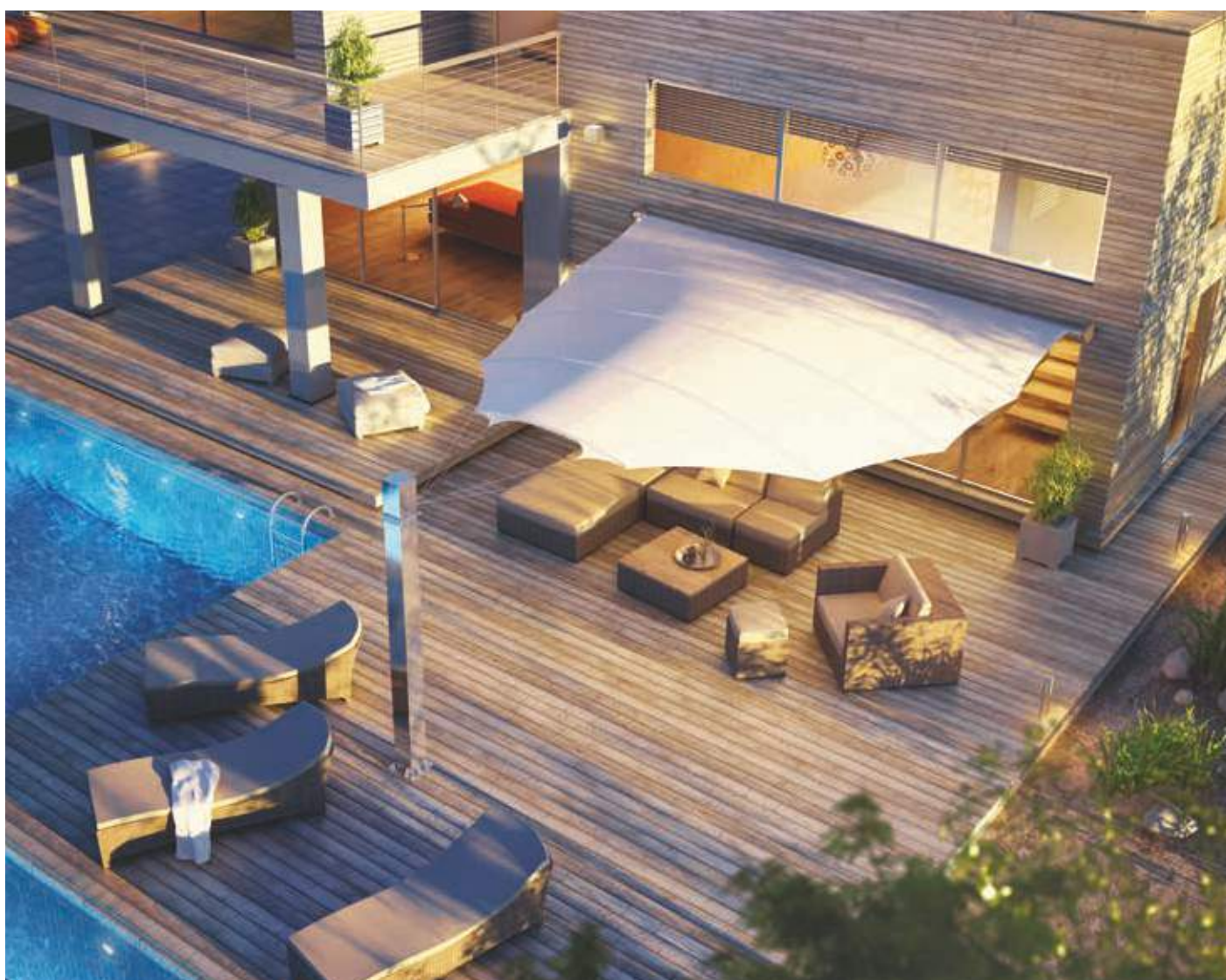
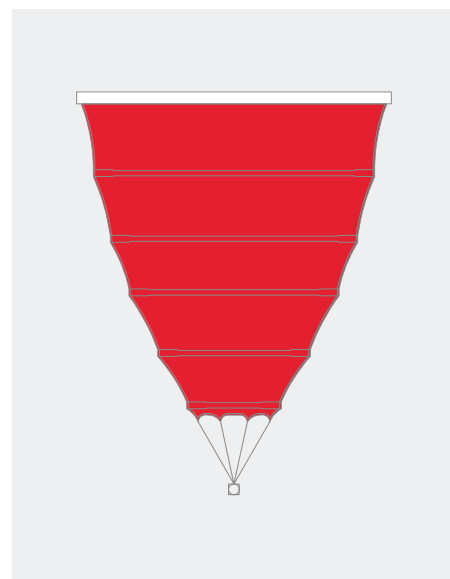
## 2.1 Model | elips4sun

This product line stands out on account of its organic design. The ellipsoidal cut catches the eye with its curved sides, which set the elips4sun apart from the uniform look shared by conventional triangular sail systems. Convex edges also ensure a wide canvas surface for even greater protection against the sun and rain. And as it features only one mast and four ropes, the sail system takes up as little space as possible while offering maximum freedom of movement in the shade.

The elips4sun has won two world-renowned awards – the Red Dot Award 2014: Best of the Best and the R+T Innovation Prize 2015: Special Design Prize



**reddot** award 2014  
best of the best





# Product Information

## 2.2 Model | square4sun

The square4sun product line is available in three basic variants featuring different mast positions and tensioning rope arrangements. This means that the sails can be tailored to suit the architecture and requirements of the installation site while also matching the personal tastes of users. Thanks to their large cloth surface, the square sails provide far more shade, protection, and individual flair than conventional products.

### square4sun | CROSS

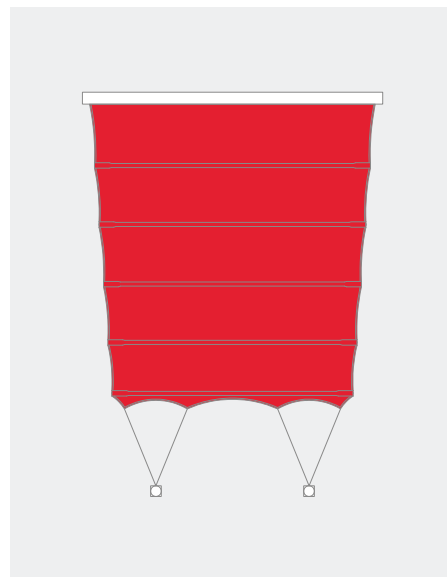
The masts of this sail type are positioned with a slight diagonal offset. This ensures a stable canvas surface while maintaining an unobstructed view. The mast can also be set up further away from the sail, with longer ropes being used to bridge the extra distance.

### square4sun | CROSS PRO

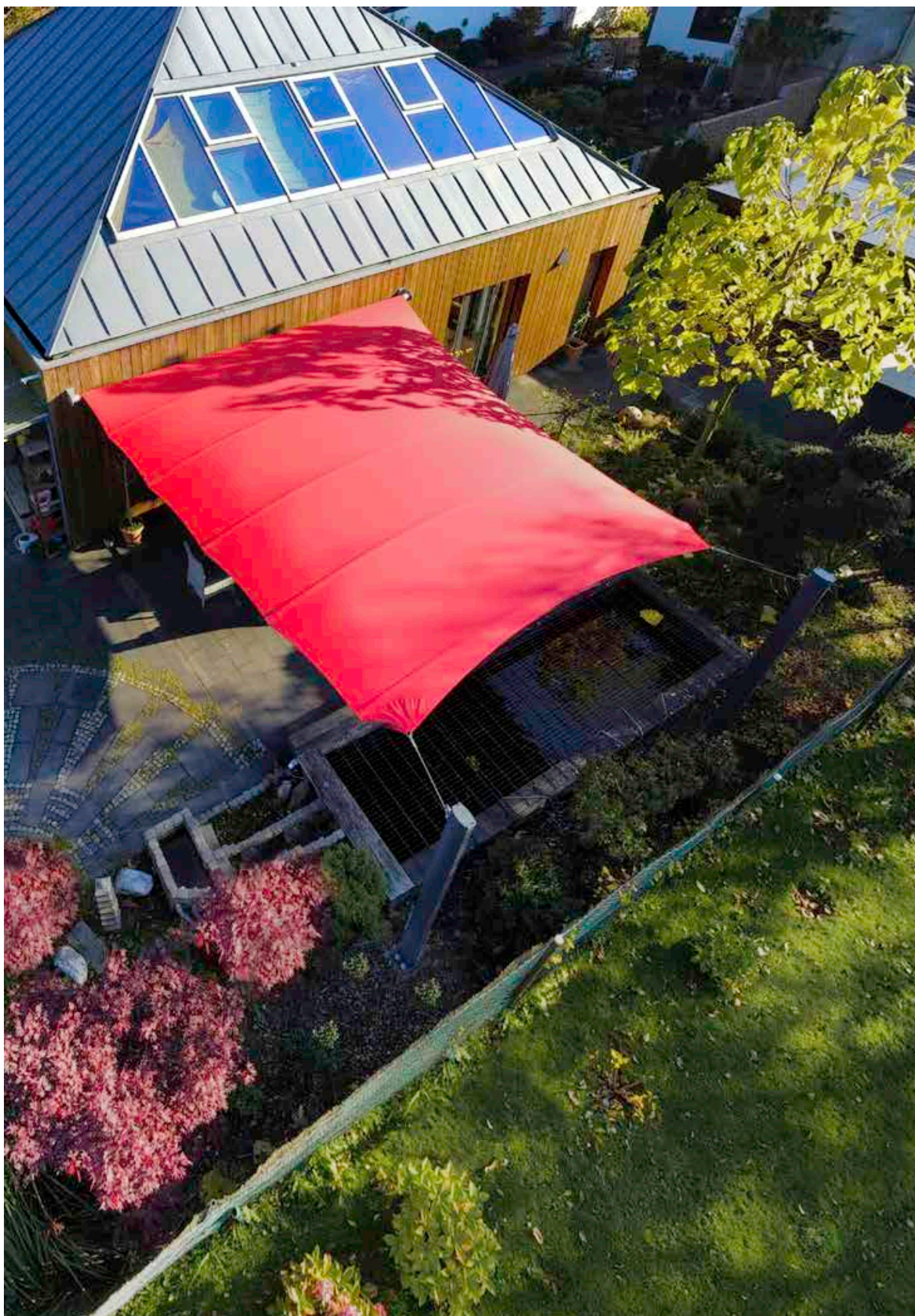
This variant enables the mast and sail to be positioned directly alongside one another, making it particularly suitable for roof terraces and other terraces with limited space. As with all other sails, it can also be installed as a double sail (see photo below).

### square4sun | LINE

In this variant, the masts are positioned in front of the sail surface. The shape generated by the four ropes guarantees maximum effectiveness for the convex sail design (refer to illustration on the right) while also achieving even greater wind stability.









# Product Information

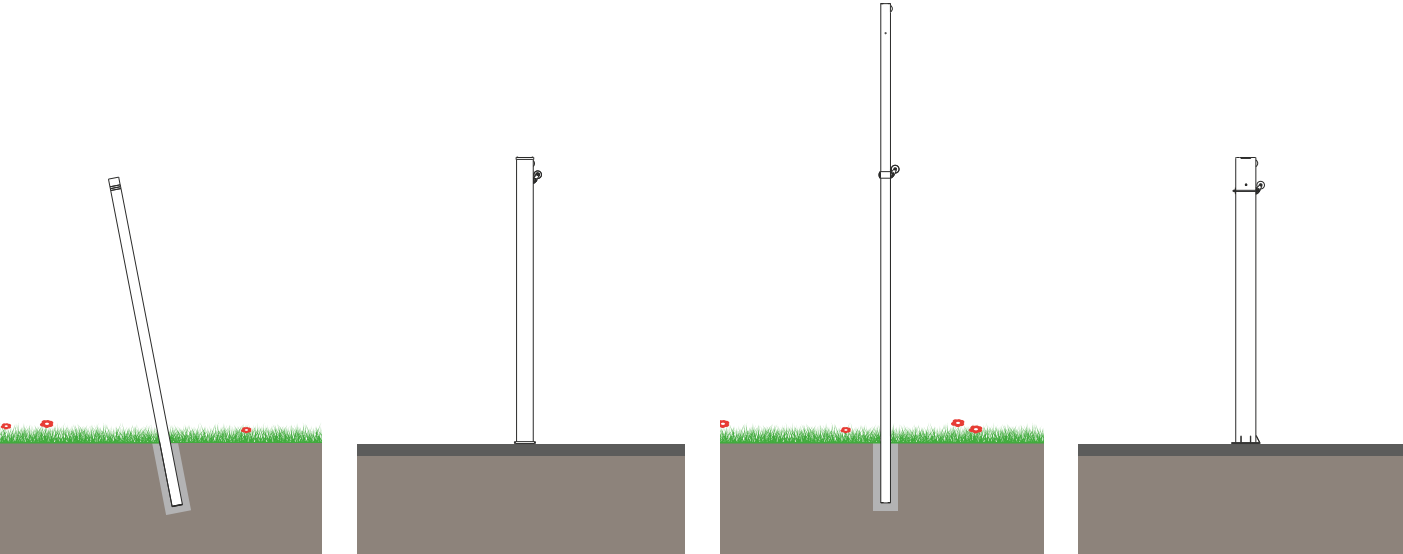


### 3 Mast Models

Four masts made from high-quality, elegant stainless steel or aluminum complete the look of the sail system, forming a perfect harmony with the timeless design of the sail. A specially developed wind pressure relief system inside the mast enables a calm response to higher wind speeds. An internal weight or an internal damper takes care of the necessary balance. Superlative special components such as pulleys positioned on slide bearings prevent this complex mechanism from generating any unpleasant noises, even in the case of high winds. Each design can be combined with any of the C4sun sail masts (exception: elips4sun is not compatible with ID 110 and IG 101).



- Robust V2A stainless steel or aluminum profile
- 4 mm rope thickness
- Optimal wind pressure relief through internal dampers or internal weights
- Height-adjustable anchor point | Vertical or with 11° inclination
- 3,000 – 5,850 mm height
- Installation angle: 0° to 90°
- Low maintenance



**ID 110 ROUND**

Wind pressure relief via gas-pressurized springs

Powder-coated aluminum

**ID 175 OVAL**

Wind pressure relief via gas-pressurized springs

Powder-coated aluminum

**IG 101 ROUND**

Wind pressure relief via internally guided weights

V2A stainless steel

**IG 211 SQUARE**

Wind pressure relief via internally guided weights

V2A stainless steel

## Special features ID 175

### 0° – 90° installation angle

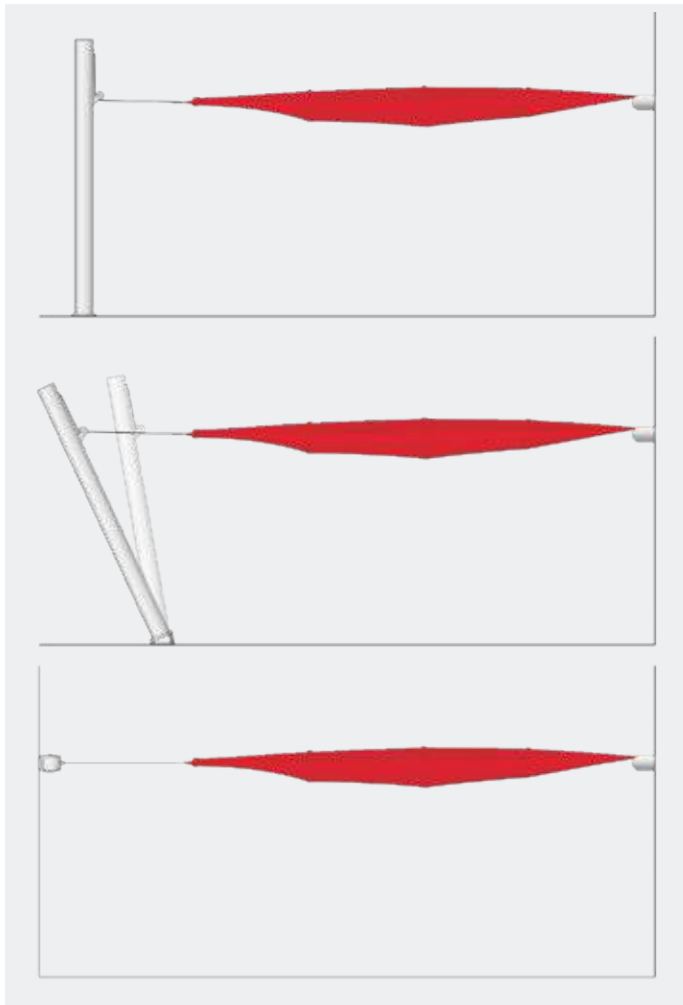
Suitable for installation at all inclinations without any restrictions. Intelligent wind pressure relief even enables horizontal wall-mounted installations with the help of wall clamps.

The standard editions are powder-coated in a textured matte finish, optionally in white aluminum | similar to RAL 9006 or anthracite grey | similar to RAL 7016. A custom RAL finish of the ID 175 is also possible.

Optional height adjustability:

Crank-operated internal height adjustment

Vertical adjustability of 2,000 mm starting at mast head. (Adjustability limited to 1,000 mm for sails starting at a length of 6,500 mm)



## Dimensions | Masts

All dimensions are approximate

	Mast Dimensions in mm	Installation Angle	Mast Height in mm
ID 110	ø 110	79°   11° Neigung	3.500
ID 175	75 – 105 × 175	0° – 90°	3,000 / 3,500 / 4,000 / 4,500
IG 101	ø 101,6	90°   senkrecht	5,240 / 5,850
IG 211	211 × 211	90°   senkrecht	3,000 / 3,500



# Product Information



## 4 Motor | Drive | Control and Safety

The sail is driven by a tube motor located inside the roller tube, which can be operated in a number of different ways. First, it can be operated using advanced, secure io-homecontrol® wireless technology featuring a universal communication protocol. This enables all components to communicate with one another, leaving users free to control all comfort and safety elements via a single unit. It is even possible to control and monitor the system using a smartphone. Secondly, the sail can be extended and retracted using a wired controller or a remote control. Alternatively, these functions can be integrated into an on-site KNX (bus) controller.

The power package is another drive variant in which the reinforced drive is provided by two tube motors. This option is recommended for larger sail surfaces and locations featuring high wind speeds. Please note that with certain sail sizes two motors are included as standard equipment.



### Somfy io system

Sunea 60 io 120/12 tube motor

Remote controlled

### Somfy LT system

LT 60 Taurus 120/12 tube motor

Wired

On-site KNX (bus) control possible

### Somfy RTS system

Altus 60 RTS 120/17 tube motor

Export only – country-specific regulations

### Power package

Available in various designs

Featuring two tube motors

Internal or external junction box

Handheld transmitter or KNX (bus) controller

### OPTIONAL

Wall-mounted transmitter, wind and/or sun monitor, individual motor controller, etc.



## 5 Installation Options | Mounting components

### 5.1 Roller Tube

C4sun offers several mounting options: The roller tube can be mounted onto building walls or under roof overhangs. Alternatively, assembly with a free-standing roller tube mount is also possible. The free-standing edition works equally well with single and double sail systems.

If necessary, an individual installation concept can also be developed.

#### For single-sail systems

Roller tube bracket on building wall or underneath roof overhang

Free-standing roller tube mount

#### For double-sail systems

Free-standing roller tube mount



### 5.2 Mast

Every subsurface is unique, with conditions sometimes varying even within a single surface requiring shade. Practical installation elements are available for each mast to resolve such issues. If that is not the case, users can request an individually-tailored installation concept or freely combine existing mounting elements.

#### Installation elements

Krinner screw foundation | For installation masts **I**

Wall brackets

Mast console

Flange plate

C4sun Cube **II**





# Additional Features



## 1 Protective Cover

The impregnated, waterproof material protects the furled sail especially in winter or during a longer period of non-use.

Made of WeatherMAX 80 | color: Graphite

With velcro fastening

## 2 V4A extra protection | Maritime

V4A has been developed for locations that are near to the coast or highly susceptible to weathering. This corrosion-resistant steel alloy provides the surface with added resistance to the elements.

For all masts

For free-standing roller tube mount



## 3 Radiators

The radiators uses infrared radiation to ensure pleasant temperatures with no lead time. This additional heat is directed toward the persons seated below, meaning that cold temperatures no longer act as a deterrent to sitting outside.

1.500 watts, IP65

Infrared radiators

With wall bracket



## 4 Clew Shortening



For elips4sun model

Reduction of the minimum mast clearance

Powder-coated aluminum

# Good to Know

## Made in Germany

Each sun sail is tailored precisely to the desired dimensions and assembled by hand to form a fantastic high-resistance system – made in Germany.

## Service

The Bahama team is on hand to provide comprehensive assistance, wherever you are and whatever you need.

---

Precise customized planning

---

Creation of technical drawings and installation instructions

---

Setup

---

Installation and maintenance of sail systems by retail partners

---

## UV Protection

The WeatherMAX 80 sail material meets the requirements of UPF50+, the excellent possible ultraviolet protection factor. UPF refers to the inherent level of protection provided by textiles against harmful UV rays.

## Wind Stability

C4sun sails feature very high levels of wind stability and safety thanks to their special relief mechanisms in the event of wind pressure. These neutralize the power of the wind by significantly reducing the exposed area, meaning you can continue to enjoy your sail long after conventional systems have been retracted.

## Award-Winning Design

The elips4sun product line has won two world-renowned awards – the Red Dot Award 2014: Best of the Best and the R+T Innovation Prize 2015: Special Design Prize..













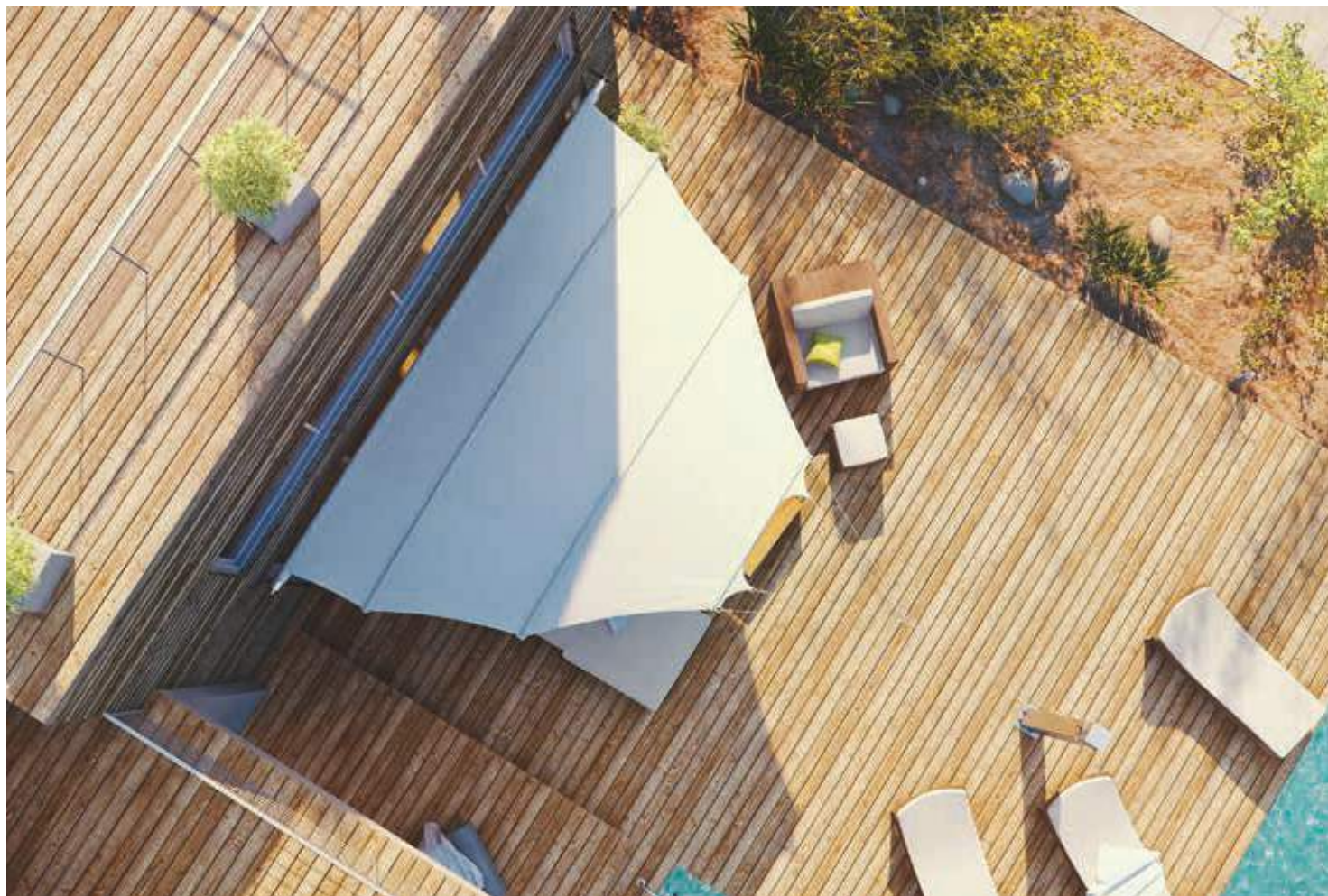














# BAHAMA®

Jumbrella





# The Heart of it All

Jumbrella is the solution for everything. Together with Jumbrella outSide it can be found in our product range between »small and light« like the model Pure and »large« like the models Jumbrella XL, Largo & Magnum. The large-size parasol Jumbrella stands out with its numerous possible combinations and additional features. The different features can be individually combined depending on your technical requirements.

25 different model sizes from 4,5 m<sup>2</sup> to 36 m<sup>2</sup> and side lengths from 1,5 to 6 m

- ✿ Round, square and rectangular models
- ✿ Great variety of additional features e.g. textile gutters, side panels, lighting with LED, heating, speakers, TV, Wifi, extra protection with the V4A | Maritime Edition
- ✿ Maintenance-free servo mechanism for trouble-free opening and closing
- ✿ Energy efficient handling through gradual opening (servo-mechanism); depending on model 2- or 4-stages
- ✿ No loose functional parts like ropes, cranks or connectors
- ✿ 2 lockable handles with spring buckles for optimal fabric tension
- ✿ Standard frame in traffic white | RAL 9016, textured matte finish or in anthracite grey | RAL 7016, textured matte finish
- ✿ Optional custom design of frame finish (color, exclusive wood look | Golden Oak) and of membranes
- ✿ Perfect, lasting tension as the textile membrane is integrated into the spoke
- ✿ Additional, stabilizing support spokes
- ✿ Membranes in three different high-quality fabrics
- ✿ Large, contemporary selection of colors; uni-colored or striped
- ✿ Excellent UV-protection UPF 50+
- ✿ Absolutely waterproof
- ✿ Numerous possibilities for printing on the textile membranes and/or valances
- ✿ Including protective cover with lacing, made of tent fabric| Nicotarp
- ✿ Short delivery times, fast spare parts delivery, exceptionally long spare parts supply
- ✿ Various installation options as well as adaptations for various on-site conditions (either fixed or tiltable)
- ✿ Newest generation of infrared radiators that can remain in the closed parasol
- ✿ Integrated theft prevention
- ✿ Up to 111-months wind warranty depending on installation options and parasol size of up to wind force 10 | 102 km/h

## Bahama

Founded in 1950 today Bahama designs and manufactures a great variety of high-quality large-size parasols and sun sails. National and International customers alike trust in our industrial technology and accurate workmanship. The premium products from Bahama characteristically stand for technical attributes like compactness, durability and wind stability but also for aesthetical features like beautiful designs and materials.

»Made in Germany« – our full range production facility manufactures nearly all parts in house. Bahama further processes sustainable and environmentally friendly materials according to the OEKO-TEX 100 standard, Class 1. The combination of high-quality materials and the structural features allows Bahama to guarantee wind stability for its products, depending on the model, of up to 130 km/h.

**And most importantly:** we love customer service – from consulting to installation, from cleaning to winter storage and maintenance.

**Discover the possibilities of an extended outdoor season. No matter what the weather. Just get to know us!**



The Jumbrella 4 x 4 m wins the iF DESIGN AWARD 2018, the Red Dot Award 2018 and the German Design Award 2019. All awards, which are among the most acclaimed prizes for great designs since the 1950s, will be handed out separately. The independent international jury of experts awarded the coveted quality label among more than 6,000 submissions from over 50 countries.

Note: Subject to change without notice.

# BAHAMA®









the LARGE-SIZE parasol



the LARGE-SIZE parasol





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# Product Information

## 1 Textile Membranes

No matter your choice of fabric, the resulting textile membranes combine all the attributes of a durable and sustainable product. These include next to the high-quality appearance numerous technical functions.

### 1.1. Brand Name: betex®05 | Fabric exclusively crafted for Bahama

100% polyester fabric with top transparent coating
Grammage of approx. 200 g/m²
Excellent UV-protection UPF 50+ protects against UV radiation (exception: snow 9577)
High degree of fabric lightfastness (i.e. fading) (DIN EN ISO 105-B02 Class ≥ 6–7)
High waterproofness, pressure resistance (DIN EN 20811, ISO 811   Water column ≥ 100 mbar, 1.000 mm)
Low moisture absorption, dries quickly
High temperature resistance (DIN 53361 from -30°/+90°C)
Excellent friction resistance (DIN EN ISO 105-x12   Class ≥ 4–5)
High tear resistance due to high thread count
Durable, tailor-made and dimensionally stable with perfect membrane tension
Sustainable and environmentally friendly fabrics with the OEKO-TEX 100 Standard, Class 1
Exchangeable and washable one-piece membranes
25 contemporary colors (custom colors upon request)
Printable with the most modern printing process



### 1.2. Brand Name: Precontraint 302

PVC coated Polyester 550 Dtex. SERGE FERRARI PRECONTRAIT® coating technology
Grammage of approx. 480 g/m²
Excellent UV-protection UPF 50+ protects against harmful UV radiation
Highest degree of fabric lightfastness (i.e. fading) (DIN EN ISO 105-B02   Class ≥ 7–8)
Heat-sealed segments, 100% waterproof
High temperature resistance (DIN 53361 from -30°/+70°C)
Fire retardant (DIN 4102-B1)
Exceptional surface stability and tear resistance
Durable, robust, dirt-repellant and stable in all weather conditions
Own cleaning possibility due to increased dirt accumulation through leaves, tree sap, bird-droppings, car exhaust or dust
Recyclable
25 contemporary colors (custom colors upon request)
Printable with the most modern printing process



### 1.3. Brand Name: swela Sunvas uni-colored and striped | ZebraS

100% polyester fabric with dirt and water repelling impregnation
Grammage of approx. 310 g/m²
Excellent UV-protection UPF 50+ protects against harmful UV radiation
Highest degree of fabric lightfastness (i.e. fading) (DIN EN ISO 105-B02   Class ≥ 7–8)*
High waterproofness, pressure resistance (EN 20811, ISO 811   Water column ≥ 35 m bar, 350 mm)
Weather fastness (DIN EN ISO 105-B04   Class ≥ 7–8)*
Excellent friction resistance (DIN EN ISO 105-x12   Class ≥ 4–5)
High tear resistance
Distinctive surface feel
Not printable
Model-related minimum order quantity

\* Exception ZebraS: Highest degree of fabric lightfastness (Class ≥ 4–5/grey) and weather fastness (Class ≥ 4–5/grey)





# Product Information



## 2 Umbrella Frame

The difference may not be obvious at first sight: but the large-size parasols from Bahama have an inner and an outer pole that optically come together to form one center pole. Better sturdiness also means better stability and the corresponding safety.

### Center pole with Outer and Inner pole

Easy and quick opening and closing due to the maintenance-free servo-mechanism

Tension latches with spring buckles for opening and closing instead of a crank, easy and efficient handling **2.1**

Extra stability through extruded, internally strengthened and profiled aluminum center pole **2.2**

Pole diameter approx. 80 mm, wall thickness approx. 2.5 mm

Impact and scratch resistant due to PES powder-coated center pole, post-baked

Standard frame in traffic white | RAL 9016, textured matte finish or in anthracite grey | RAL 7016, textured matte finish **2.3**

Optional custom design for frames (color, exclusive wood look | Golden Oak, resin parts in black, certain components in anthracite grey | RAL 7016, textured matte finish) **2.3**

Cylindrical locks in the handles prevent unauthorized opening and closing **2.1**

### OPTIONAL

Umbrella center pole extension, up to 50 cm are possible depending on model

Umbrella center pole reduction (upon request)

### Spokes, Support Spokes, Bearings and Hinges

The quality of a parasol can only be as good as its supporting and connecting parts.

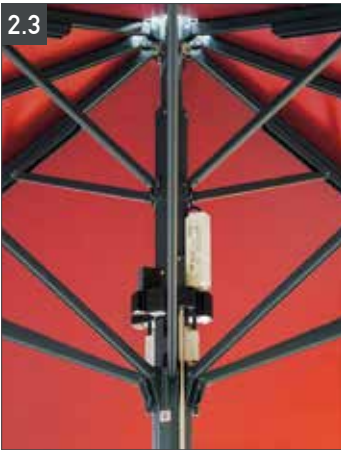
Rectangular and hollow extruded aluminum profile with special alloy Al F30 / 32 (no sharp edges)

Mounted using stainless steel axle bolts and spring pins **2.4**

No plastic parts used

With hollow seam for spoke membrane integration

Individually exchangeable spokes and support spokes



## 3 Installation Options

There is a choice of mobile or permanent installation options. Mobile installation is characterized by a greater degree of flexibility. When installing an in-ground option, building measures must be carried out. All installation options are hot-dip galvanized and powder coated in traffic white | RAL 9016, textured matte finish or in anthracite grey | RAL 7016, textured matte finish. For exceptions refer to the individual descriptions.

### 3.1. Mobile Installation Options

#### I. Portable Stand

Steel frame including aesthetically designed, bright deco concrete slabs

Height adjustable in all 4 corners; standard

For umbrellas with/without electromechanical options

Powder-coated in RAL color of the parasol frame

#### II. Cross-Frame

Steel frame For 8 or 12 standard flagstones 500 × 500 × 50 mm (not included in the price)

Size of cross-frame: approx. 1130 × 1130 mm

Weight of cross-frame: approx. 28 kg for 8 flagstones, approx. 30 kg for 12 flagstones

#### OPTIONAL

Powder-coating in RAL color of parasol frame

Height adjustable in all 4 corners **III.1**; required for umbrellas with electromechanical options

For 8 flagstones for umbrellas up to 21 m²

For 12 flagstones for umbrellas starting at 21 m²

#### III. Steel Plate Base with 4 or 8 Steel Plates | 2 Layers

Flat construction with only 15 mm installation height; no tripping hazard

Tiltable screw-on receiving column

Plate size: 490 × 490 × 15 mm (ea. 28 kg) or 740 × 740 × 15 mm (ea. 65.2 kg)

#### OPTIONAL

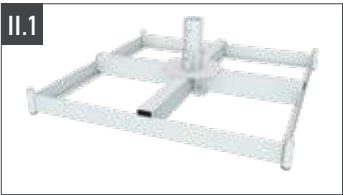
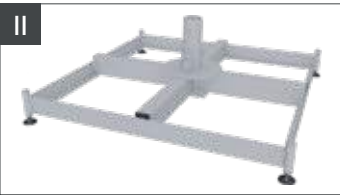
Powder-coating in traffic white | RAL 9016, textured matte finish or in anthracite grey | RAL 7016, textured matte finish in **III.1** and/or in RAL color of the parasol frame

Spacer (e.g. for terrace substructures), starting at 89 mm **III.2**; required for umbrellas equipped with electromechanical options, measurements don't include the steel plate height nor the 8 mm thick winter cover, which has to be taken into consideration for flush-mounting



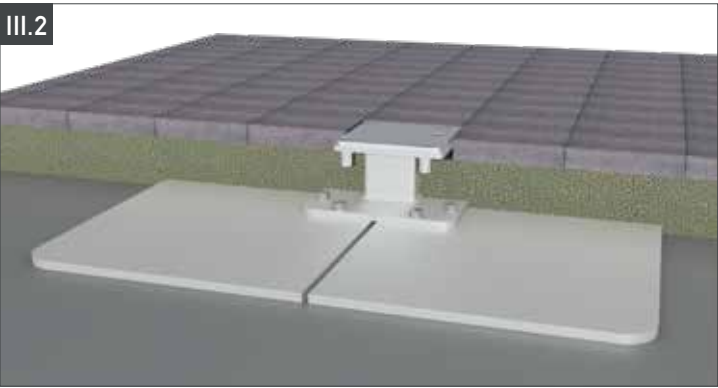
Sizes of the portable stands for picture I.

for ø 3   ø 3.5   ø 4   3 × 1.5   3 × 3   3.5 × 3.5	1000 × 1000 mm, approx. 190 kg
for ø 4.5   4 × 2   4 × 3   4 × 4   4.5 × 3   4.5 × 3.5	1000 × 1000 mm, approx. 240 kg
for ø 5   4.5 × 4.5   5 × 2.5   5 × 3	1000 × 1000 mm, approx. 290 kg
for ø 5.6   5 × 5   5 × 3.75   5 × 4   6 × 3	1200 × 1200 mm, approx. 380 kg
for ø 6.3   ø 7   6 × 4   6 × 4.5	1200 × 1200 mm, approx. 460 kg



Sizes of the Steel Plate Bases for picture III. and III.1

for ø 3   ø 3.5   ø 4   ø 4.5   3 × 1.5   3 × 3   3.5 × 3.5   4 × 2   4 × 3   4 × 4   4.5 × 3   4.5 × 3.5	2 layers, 8 plates, 490 × 490 × 15 mm, approx. 237 kg
for ø 5   4.5 × 4.5   5 × 2.5   5 × 3	1 layer, 4 plates, 740 × 740 × 15 mm, approx. 290 kg
for ø 5.6   ø 6.3   ø 7   5 × 5   5 × 3.75   5 × 4   6 × 3   6 × 4   6 × 4.5	2 layers, 8 plates, 740 × 740 × 15 mm, approx. 546 kg





# Product Information



### 3 Installation Options

#### 3.2. Permanent Installation Options

##### I. In-Ground Sleeve

- Sleeve to be set in concrete
- Powder-coated above-ground connecting components
- Weight: approx. 6 kg
- For parasols with I.1 /without I.2 electro-mechanical features (except heating)



##### II. In-Ground Tipping Base

- Lower part to be set in concrete
- Powder-coated above-ground connecting components with tilting hinge
- Powder-coated center pole sleeve
- Weight: approx. 4.8 kg
- For parasols with II.1 /without II.2 electro-mechanical features (except heating)
- OPTIONAL
- Spacer for Tipping Base for bridging a gap e.g. an installation in a kindergarten sandbox; height orderbased starting at min. 89 mm to 392 mm II.3 (special sizes on request)
- The 8 mm thick winter cover has to be taken into consideration for flush-mounting
- Also available for umbrellas with electromechanical options



##### III. Octagonal Surface Mount with Counter-Bores

- Weight: approx. 18 kg
- Powder-coating in RAL color of parasol frame
- Connecting components with tilting hinge III.1
- Especially suited for bolting onto massive concrete surface
- OPTIONAL
- Receiving column is welded on to surface mount
- »fischer« heavy-duty anchoring bolts (1 set =8 pcs.); type #FH II 15/15 SK A4; M10 thread; incl. concrete drill type #SDS Plus II, drill depth 105 mm and Allen wrench SW 6



##### IV. Dual Mounting Console (order-related)

- Octagonal surface mount with spacer and tiltable connecting components
- Height: starting at 89 mm - max. 392 mm (custom sizes upon request). The 8 mm thick winter cover has to be taken into consideration for flush-mounting
- Weight: approx. 24 kg
- With integrated theft prevention and winter cover plate
- OPTIONAL
- Also available for umbrellas with electromechanical options
- Also available with welded spacer and non-tiltable connecting components of the in-ground sleeve



##### V. Connecting Plate for »Krinner« Ground Screw

- Suitable for »Krinner« KSF F 140x1600-M no setting in concrete, screw-in foundation V.1
- Galvanized steel
- Weight: approx. 6 kg
- For tiltable connecting components used for Tipping Base
- Height adjustable
- Incl. screws for fastening and leveling on Krinner Ground Screw
- With cover plate
- OPTIONAL
- Spacer also available III.3



#### 4 Transport Packaging

- The parasols leave our production facility in perfect condition. To ensure they arrive in perfect condition they are delivered in a hard-cardboard cylinder tube.
- Outer diameter: approx. 410 to 462 mm\*
- Cylinder length: approx. 3.600 to 4.180 mm\*
- Weight without parasol: approx. 20–30 kg\*
- \*depending on model





# Additional Features



## 1 Valance

The valance is hemmed, dyed in the matching color and the edgelines are thermally processed. No ruffles here.

Valance height approx. 30 cm

Continuous or split valance possible

Additional advertising space

## 2 Printing

The Bahama UV printer uses 9 color channels. Even pure white. Only lightfast and highest quality inks are used to ensure color accurate fonts, logos and emblems are positioned with millimeter precision. The membrane segments are sewed together after printing; the PVC-coated segments are heat sealed together.

No fading due to highly UV-resistant colors

Optimal advertising impact

Individual printing of the textile membranes

**References:** Mc Donalds, Starbucks, Heineken, Carlsberg, Bitburger, Gaffel, Café & Bar Celona, Café Extrablatt, Hilton, Kempinski et al

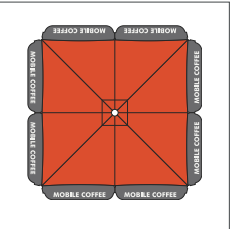
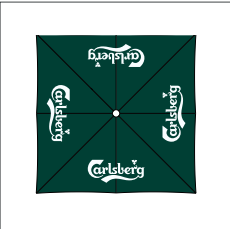
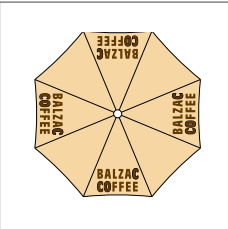
## 3 Extra Protection V4A | Maritime Edition

Optional off-shore stainless steel version »maritime«. Cannot be retrofitted.

All metal components made of a special alloy V4A stainless steel

Developed for use near the seaside

Especially durable



## 4 Textile Gutters

Not only rain falls from the sky, bird droppings or wet leaves are often bothersome, too. To attain one entirely closed area the individual parasols can be connected by a textile gutter creating a coherent covering that is optically appealing.

Gutter with a gradient for water runoff

Fastening with carabiners and chains

Stability due to rods inserted into the hollow seams

Colors matching the textile membrane

Optically appealing unit of parasol and gutter

Light-permeable for a cozy atmosphere

High waterproofness

Protection against rain, bird droppings and leaves

Variable mounting with threaded eye screws and slot nuts on spoke profile

Weight model-related



## Choice of Fabrics

betex®05, Precontraint 302, swela Sunvas

## OPTIONAL

Also available as self-supporting edition

## 5 Protective Cover

Not only does it keep everything together, it also keeps it clean. Film packaging is often not enough protection. To this end there are – especially for winter or longterm storage – robust protective covers in different versions.

### Protective Cover basic

Light weather protection cover **5.1**

Tent fabric | Nicotarp with lacing

Included with the delivery of a new parasol; not included when ordering the Protective Cover – comfort

### Protective Cover comfort

Robust weather protection cover

betex®05« | Polyester | 9801 - concrete

With zipper for telescopic rod

### Protective Cover comfort with Telescopic Rod

Equipped with a telescopic rod **5.2**. When ordering more than one cover, only one telescopic rod is necessary

Easy to put over the parasol

Recommended for rectangular models





# Additional Features



## 6 Side Panels

There is no more tossing a coin to figure out who has to sit at the edge of the parasol when the weather isn't behaving. The quickly and easily unrolled »side panels« not only protect you from sudden rain showers, but also against the cold and wind. Through this possibility of creating a boundary, they provide a feeling of secure comfort.

Made completely of textile fabric with or without flexible windows of 0.5 mm strong Polyglass 6

Variable mounting with threaded eye screws and slot nuts on spoke profile (no additional drill hole) With zipper for opening and closing 6.1

High waterproofness

Stability due to rods inserted into the hollow seams

Drip edge on the ground made of PVC-coated fabric, Precontraint 705-1070 6.2

Quick and easy to use; just hook it in

Light-permeable for a cozy atmosphere

Protection against sun, rain, wind and the cold

Temporary room solutions for individual event e.g. weddings, street parties, company festivities or to create a smoking area

Visual protection for unsightly surroundings like storage areas, clutter in the neighborhood, structural defects etc.

Protected seating area

Keeps a constant temperature of ambient air, especially in combination with heating radiators

Fixing of the side panel on the floor through customer

OPTIONAL

Connecting piece for joining the side panels of 2 parasols 6.3

Available with roll-up door



## 7 Impact Protection

Metal or soft padding? Some questions answer themselves when it comes to eliminating a potential source of injury (e.g. kindergartens or retirement homes).

Colorful soft foam safeguard; available in 10 colors

Cuff with soft foam on the inside

Outer material made of polyester fabric with PVC coating

With Velcro fasteners



## 8 Theft Protection and Authorized Use

You wouldn't park your high-end bicycle without locking it up first, right? Protect your parasol from theft with a lock that is incorporated in the installation option. Two additional cylindrical locks in the handles prevent unauthorized use (opening and closing) of the parasol.

Lock in Handle (included with delivery)

1 Cylindrical lock per handle

Prevention of unauthorized opening and closing

Easy to use



Further Lock (included with delivery)

Theft protection

Incorporated in the installation option





# Additional Features



## 9 Lighting | LED Lighting

There are moments when time flies by. The sun was just shining and now twilight has set in. The »light« installed in the parasol creates a uniform and pleasant atmosphere, that turns the night into day and lets you forget the time.

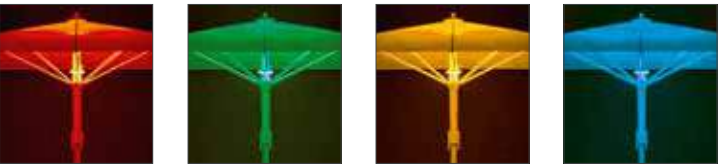
- Economical energy consumption, due to LED light bulbs or LED strips
- All wiring is inside; no tangled cables
- Appealing lighting condition extends outdoor season
- Creates a warm and inviting atmosphere
- Pleasant working atmosphere for service personnel

### Lighting

- 4 lamps on the center pole (LED light bulbs) 9.1
- Light temperature 2700 K
- 4 × 4 W light power
- supply power 240 V (available in US edition – 120 V)
- OPTIONAL
- External control unit with FI-switch and on/off switch for each individual electromechanical option

### LED-Lighting

- RGBW-LED strips 9.2
- Indirect RGBW-LED lighting 120-240/24V
- Dimmable with remote control 9.3
- Integrated into parasol spokes
- Color settings freely selectable by remote control and app, colors including warm white, cold white and neutral
- OPTIONAL
- 2, 4, 6 or 8 RGBW-LED strips, model-related
- External control unit with FI-switch and on/off switch for each individual electromechanical option



## 10 Heating

The »radiator« creates pleasant warmth by emitting infrared rays – without any pre-heating. When several are installed they can also be individually turned on or off. Even a cold ambient temperature is not perceived as unpleasant due to the direct warmth people feel. Use our heating option to defy frosty seasons and cool evenings.

- Extended outdoor season; year-round outdoor living
- 2 or 4 electrical, turnable infrared radiators (available in US edition)
- Remote control can regulate 6 levels
- 1500 watts per radiator
- Long-lasting »Ultra Low Glow« heating tube
- Can remain in closed parasol
- OPTIONAL
- External control unit with FI-switch and on/off switch for each individual electromechanical option
- 2 or 4 infrared radiators

## 11 Speakers

Music is much more than just an acoustical backdrop. An installed »audio system« can create very different atmospheres, in which people can have a lively celebration or simply relax after work – depending on desire and mood.

- Audio system integrated into the frame
- Optionally with one or two speakers
- OPTIONAL
- External control unit with FI-switch and on/off switch for each individual electromechanical option



## 12 TV

Who likes sitting alone at home in front of the TV? Especially not when everyone is outdoors watching the same thing. The additional feature »TV« gives outdoor screening a community spirit with a great deal of fun.

- Stable, light-weight mount
- Installation for 1 or 2 screens per parasol

### Frame Modification

- Standard TV mounting console in parasol with VESA-Norm 200 for a maximum screen size of 32 inches
- 240 V power connection for 1 or 2 TVs on the mounting console (available in US edition – 120 V)
- Network connection CAT 7 inside the electric crown unit
- OPTIONAL
- External control unit with FI-switch and on/off switch for each individual electromechanical option

## 13 Wifi

These days it already seems a matter of course that customers are offered free public Wifi. Installing a »Wifi Network« is not merely providing an additional service, it also attracts and keeps customers.

- Only possible in combination with LED-Lighting option
- Internal CAT7 wiring
- Integrated CAT7 RJ45 network interface to be connected inside the in-ground installation
- Internal power supply of the 24V DC router
- Wifi Outdoor Access Point TP-Link EAP110 mounted onto center pole via weatherproof case

## 14 USB charging station

- 4 built-in USB sockets
- for charging smartphones, notebooks etc.
- Only possible in combination with lighting, 2/4 RGBW-LED strips and/or heating option





# Handling

Opening, tensioning and closing is quick and easy.

OPENING

- Take off the safety strap. Lift the ends of the spokes until the parasol opens by itself.
- Latch in the spring buckle and press down on the handle. **1**

CLOSING

- Lift handles up and unlatch the spring buckle.
- After completely closing the parasol (final position) Press handles down onto the pole (passive position).
- Pull the tips of the fabric to the outside of closed parasol and spirally wrap them around the center pole . **2**
- Wrap the safety strap around the parasol. **3**

The excellent appearance and the technical features of the textile membrane can be maintained by adhering to the following closing procedures:

Always pull the tips of the fabric to the outside of a closed parasol

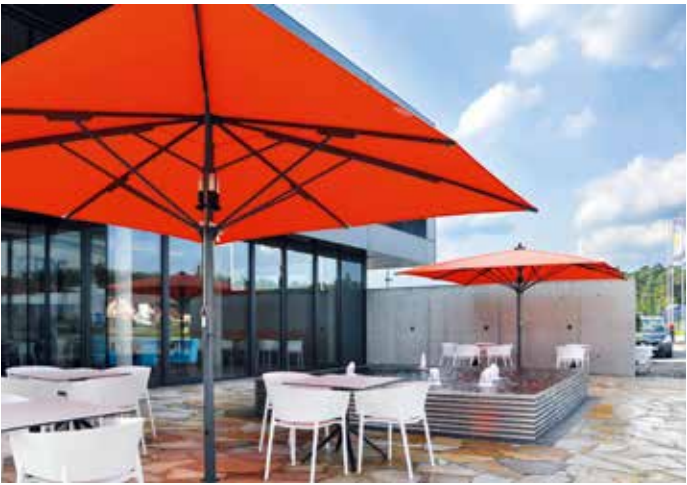
Do not store the parasol with any fabric stuck between the spokes and support spokes

Spirally wrap the fabric around the center pole

Wrap the safety strap around the parasol to secure the fabric.

Re-adjust safety strap(s) in case of longer closing times









A protective cover is recommended


















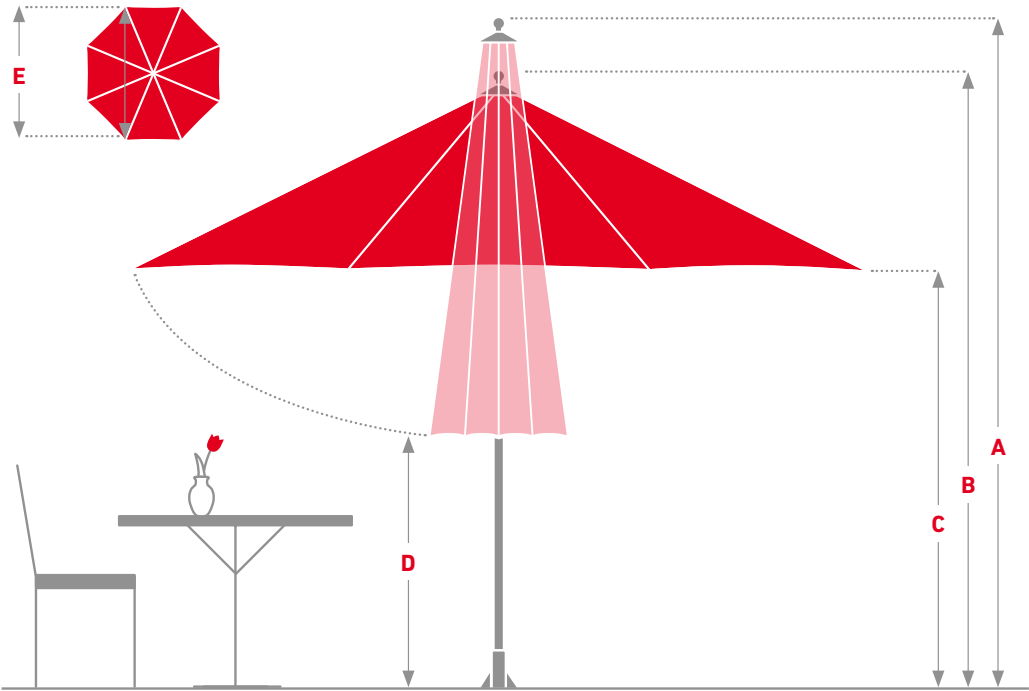
# Dimensions & Technical Data

## Jumbrella

								
All measurements are approximate	Ø 3.0 m 8 Spokes	Ø 3.5 m 8 Spokes	Ø 4.0 m 8 Spokes	Ø 4.5 m 8 Spokes	Ø 5.0 m 8 Spokes	Ø 5.6 m 8 Spokes	Ø 6.3 m 8 Spokes	Ø 7.0 m 8 Spokes
Area in m²	7	9,6	12	15	19	24	29	36
Parasol weight <small>Without installation component &amp; packaging, in kg</small>	30	32	35	40	54	65	72	99
Transport weight <small>incl. packaging, in kg</small>	50	52	55	60	74	85	97	124
<b>A</b> Height closed* <small>in cm</small>	381	391	375	385	385	387	426	446
<b>B</b> Height opened* <small>in cm</small>	310	318	302	311	311	316	352	372
<b>C</b> Passage height* <small>** in cm</small>	230	228	230	230	227	227	245	253
<b>D</b> Ground clearance* <small>** in cm</small>	231	193	135	140	120	90	95	85
<b>E</b> Inside circle dia. <small>in cm</small>	277	323	370	416	463	518	578	641
Max. permitted wind velocities <small>fully opened parasol, km/h   Permanent/Mobile</small>	102/77	95/71	95/71	95/71	88/66	74/56	48/36	38/29

					
All measurements are approximate	3.0 × 3.0 m 8 Spokes	3.5 × 3.5 m 8 Spokes	4.0 × 4.0 m 8 Spokes	4.5 × 4.5 m 8 Spokes	5.0 × 5.0 m 8 Spokes
Area in m²	9	12	16	20	25
Parasol weight <small>Without installation component &amp; packaging, in kg</small>	39	43	50	57	84
Transport weight <small>incl. packaging, in kg</small>	59	63	70	77	109
<b>A</b> Height closed* <small>in cm</small>	375	385	375	385	401
<b>B</b> Height opened* <small>in cm</small>	301	311	311	311	331
<b>C</b> Passage height* <small>** in cm</small>	230	226	230	230	240
<b>D</b> Ground clearance* <small>** in cm</small>	150	119	80	54	38
Max. permitted wind velocities <small>fully opened parasol, km/h   Permanent/Mobile</small>	102/77	95/71	88/66	74/56	74/56

													
All measurements are approximate	3.0 × 1.5 m 8 Spokes	4.0 × 2.0 m 8 Spokes	4.0 × 3.0 m 8 Spokes	4.5 × 3.0 m 8 Spokes	4.5 × 3.5 m 8 Spokes	5.0 × 2.5 m 8 Spokes	5.0 × 3.0 m 10 Spokes	5.0 × 3.75 m 10 Spokes	5.0 × 4.0 m 8 Spokes	6.0 × 3.0 m 10 Spokes	6.0 × 4.0 m 10 Spokes	6.0 × 4.5 m 12 Spokes	
Area in m²	4,5	8	12	13,5	15,75	12,5	15	18,75	20	18	24	27	
Parasol weight <small>Without installation component &amp; packaging, in kg</small>	33	52	56	55	56	57	58	64	68	72	74	80	
Transport weight <small>incl. packaging, in kg</small>	58	77	76	80	81	82	83	89	93	97	99	110	
<b>A</b> Height closed* <small>in cm</small>	325	378	378	424	424	393	424	426	424	427	460	462	
<b>B</b> Height opened* <small>in cm</small>	295	309	309	338	338	323	322	328	322	337	336	345	
<b>C</b> Passage height* <small>** in cm</small>	240	240	240	240	240	240	240	240	240	240	240	240	
<b>D</b> Ground clearance* <small>** in cm</small>	151	110	121	139	126	95	93	104	64	80	56	75	
Max. permitted wind velocities <small>fully opened parasol, km/h   Permanent/Mobile</small>	95/71	88/66	88/66	88/66	88/66	74/56	74/56	74/56	74/56	50/38	50/38	50/38	



\* All measurements refer to the use with a permanent installation option (in-ground sleeve) \*\* For the edition with valance, the measurements reduce by 30 cm.





the LARGE-SIZE parasol



the LARGE-SIZE parasol





# Good to know

## Sustainability and Environmental Compatibility

The betex®05 fabric, exclusively crafted for Bahama, and the resulting textile membrane are certified exclusively according to the OEKO-TEX 100 standard, Class 1 which is awarded by independent institutions. Class 1 meets the demands of baby clothing with skin contact.

The OEKO-TEX pollutant test corresponds to the respective intended use of the textiles and materials. In Germany there are clear and reliable criteria for environmental compatibility and sustainability. Bahama demands of its products that every defect or damaged part can be replaced.

## Made in Germany

Bahama’s customers always refer back to the great importance of our German production facilities. »Made in Germany« is still a unique selling point and a reason to buy. Bahama’s full range production facility is located in Germany.

The combination of the highest quality materials and structural features allows Bahama to guarantee the wind stability of its products, depending on the model, up to 130 km/h. In addition to the technical details of the parasol, it is especially the lightfastness of the fabrics’ colors, the water-proofness and grammage as well as the water column of the textile membranes which make Bahama top of its class. Trust is placed in Bahama by luxury hotels such as the Burj Al Arab in Dubai, the Hotel Sacher in Vienna and the Dalí Museum in St. Petersburg, USA.

## Service

Service greatly influences the life span of a parasol. The exchangeable textile membrane of a Bahama parasol can – after being exposed to all sorts of weather conditions for years – be cleaned or replaced. Our service makes a full technical and general overhaul of the product such that they not only look attractive, but can defy the strongest of winds.

No matter where you need Bahama’s service, the Bahama team or one of our expert partners will be glad to help – worldwide.

Careful and individual planning

Installation of new parasols

Fitting of new textile membranes

Complete service i.e. assembling and disassembling the large parasols, washing, cleaning and maintenance of the frame and textile membranes

Membrane service, i.e. fitting and removing the textile membrane, cleaning and repairing

Storage of the returned and serviced large parasols and/or textile membranes

Technical trainings

## UV-Protection

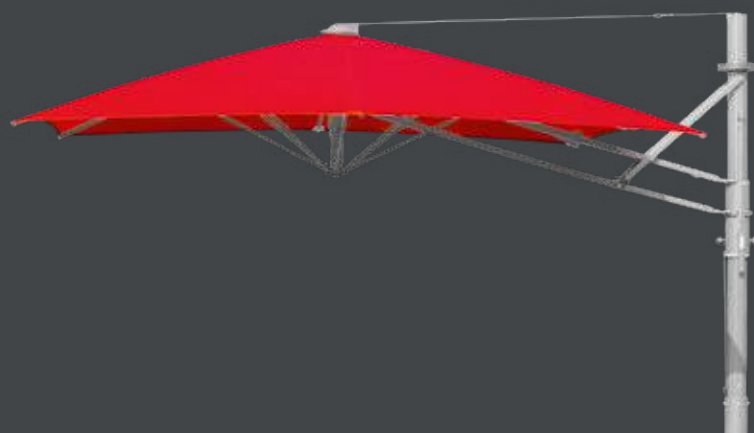
Analogous to the sun protection factor/SPF all textiles are labeled with the ultraviolet protection factor/UPF. Built into the fabric it protects against hazardous UV radiation. Bahama uses the fabric brand betex®05 for the production of its parasol textile membranes. This material fulfills the requirements for UPF 50+, which indicates an »excellent« dermatological UV protection factor and allows less than one fiftieth (<2%) of the UV radiation through the textile membrane onto the skin.





# BAHAMA®

Jumbrella outSide





## Bahama

Founded in 1950 today Bahama designs and manufactures a great variety of high-quality large-size parasols and sun sails. National and International customers alike trust in our industrial technology and accurate workmanship. The premium products from Bahama characteristically stand for technical attributes like compactness, durability and wind stability but also for aesthetical features like beautiful designs and materials.

»Made in Germany« – our full range production facility manufactures nearly all parts in house. Bahama further processes sustainable and environmentally friendly materials according to the OEKO-TEX 100 standard, Class 1. The combination of high-quality materials and the structural features allows Bahama to guarantee wind stability for its products, depending on the model, of up to 130 km/h.

**And most importantly: we love customer service** – from consulting to installation, from cleaning to winter storage and maintenance.

**Discover the possibilities of an extended outdoor season. No matter what the weather. Just get to know us!**



### The Jumbrella outSide wins the IF Design Award 2021.

The award has been standing as a label for great designs since the 1950s. The 78 members of the independent, international jury of experts awarded the coveted seals of approval among 7,298 submissions from 56 countries.

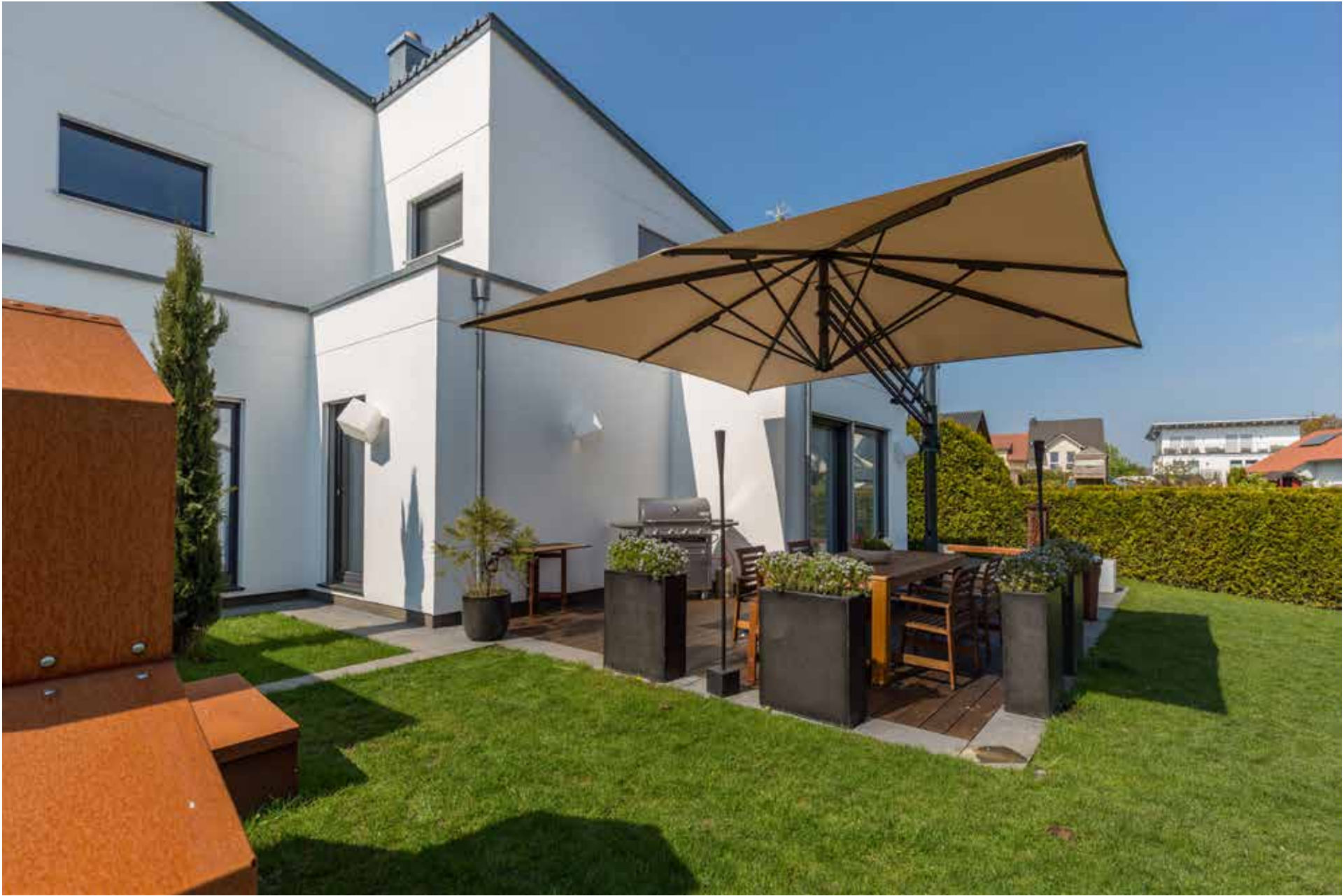
## The Heart of it All

The space covered by the Jumbrella outSide ranges from 7 m<sup>2</sup> through 16 m<sup>2</sup>. As a cantilever parasol it achieves its visual lightness through the lateral pole. This makes the membrane provide free shaded space without any obstacles. The technical sturdiness for stabilization steps to the side and thus into the background. The additional equipment extends the functional design with even more comfort and coziness.

- ✿ 6 different model sizes from 7 m<sup>2</sup> to 16 m<sup>2</sup>
- ✿ Round and square models
- ✿ Great variety of additional features e.g. textile gutters, side panels, lighting with LED, heating, extra protection with the V4A | Maritime Edition
- ✿ Maintenance-free servo mechanism for trouble-free opening and closing
- ✿ 2 lockable handles with spring buckles for optimal fabric tension
- ✿ Standard frame in traffic white | RAL 9016 or in anthracite grey | RAL 7016, textured matte finish
- ✿ Optional custom design of frame finish (color, exclusive wood look | Golden Oak)
- ✿ Perfect, lasting tension as the textile membrane is integrated into the spoke
- ✿ Additional, stabilizing support spokes
- ✿ Membrane in three different high-quality fabrics; uni-colored and striped
- ✿ Large, contemporary selection of colors
- ✿ Excellent UV-protection UPF 50+
- ✿ Absolutely waterproof
- ✿ Numerous possibilities for printing on the textile membranes
- ✿ Creates free space for individual seating arrangements
- ✿ Short delivery times, fast replacement, exceptionally long spare parts supply
- ✿ Newest generation of infrared radiators that can remain in the closed parasol
- ✿ Integrated theft prevention
- ✿ Up to 111-months wind warranty up to wind force 7 | 50 km/h

# BAHAMA®







# Product Information

## 1 Textile Membranes

No matter your choice of fabric, the resulting textile membranes combine all the attributes of a durable and sustainable product. These include next to the high-quality appearance numerous technical functions.

### 1.1. Brand Name: betex® 05 | Fabric exclusively crafted for Bahama

100% polyester fabric with top transparent coating
Grammage of approx. 200 g/m²
Excellent UV-protection UPF 50+ protects against UV radiation (exception: snow 9577)
High degree of fabric lightfastness (i.e. fading) (DIN EN ISO 105-B02 Class ≥ 6–7)
High waterproofness, pressure resistance (DIN EN 20811, ISO 811   Water column ≥ 100 mbar, 1.000 mm)
Low moisture absorption, dries quickly
High temperature resistance (DIN 53361 from -30°/+90°C)
Excellent friction resistance (DIN EN ISO 105-x12   Class ≥ 4–5)
High tear resistance due to high thread count
Durable, tailor-made and dimensionally stable with perfect membrane tension
Sustainable and environmentally friendly fabrics with the OEKO-TEX 100 Standard, Class 1
Exchangeable and washable one-piece membranes
25 contemporary colors (custom colors upon request)
Printable with the most modern printing process



### 1.2. Brand Name: Precontraint 302

PVC coated Polyester 550 Dtex. SERGE FERRARI PRECONSTRAINT® coating technology
Grammage of approx. 480 g/m²
Excellent UV-protection UPF 50+ protects against harmful UV radiation
High degree of fabric lightfastness (i.e. fading) (DIN EN ISO 105-B02   Class ≥ 7–8)
Heat-sealed segments, 100% waterproof
High temperature resistance (DIN 53361 from -30°/+70°C)
Fire retardant (DIN 4102-B1)
Exceptional surface stability and tear resistance
Durable, robust, dirt-repellant and stable in all weather conditions
Own cleaning possibility due to increased dirt accumulation through leaves, tree sap, bird-droppings, car exhaust or dust
Recyclable
25 contemporary colors (custom colors upon request)
Printable with the most modern printing process



### 1.3. Brand Name: swela Sunvas uni-colored and striped | ZebraS

100% polyester fabric with dirt and water repelling impregnation
Grammage of approx. 310 g/m²
Excellent UV-protection UPF 50+ protects against harmful UV radiation
Highest degree of fabric lightfastness (i.e. fading) (DIN EN ISO 105-B02   Class ≥ 7–8)*
High waterproofness, pressure resistance (EN 20811, ISO 811   Water column ≥ 35 m bar, 350 mm)
Weather fastness (DIN EN ISO 105-B04   Class ≥ 7–8)*
Excellent friction resistance (DIN EN ISO 105-x12   Class ≥ 4–5)
High tear resistance
Distinctive surface feel
Not printable
Model-related minimum order quantity

\* Exception ZebraS: Highest degree of fabric lightfastness (≥ 4–5/grey) and weather fastness (Class ≥ 4–5/grey)





# Product Information

### 3 Umbrella Frame

The difference may not be obvious at first sight: but the large-size parasols from Bahama have an inner and an outer pole that optically come together to form one center pole. Better sturdiness also means better stability and the corresponding safety.

#### Center pole with Outer and Inner pole

Easy opening and closing due to the maintenance-free servo-mechanism

The cylinder is simply pushed upwards with the help of two spherical knobs on the pole **3.1** and a knob on the cross-spoke **3.2**

Easy and efficient handling through gradual opening (servo-mechanism); 4-stages **3.1**

2 tension latches with spring buckles for opening and closing instead of a crank **3.3**

Cylindrical locks in the handles prevent unauthorized opening and closing **3.3**

Extra stability through extruded, internally strengthened and profiled aluminum center pole

Pole diameter approx. 130 mm, wall thickness approx. 3.7 mm

Impact and scratch resistant due to PES powder-coated center pole, post-baked

Standard frame in traffic white | RAL 9016 or in anthracite grey | RAL 7016, textured matte finish **3.4**

Optional custom design for frames i.e. color or exclusive wood look | Golden Oak, resin components in black, some elements in anthracite grey | RAL 7016, textured matte finish

#### OPTIONAL

Umbrella center pole extension, up to 50 cm are possible depending on model

#### Spokes, Support Spokes, Bearings and Hinges

The quality of a parasol can only be as good as its supporting and connecting parts.

Welded aluminum rectangular hollow profile with special alloy Al F30/32 (no sharp edges)

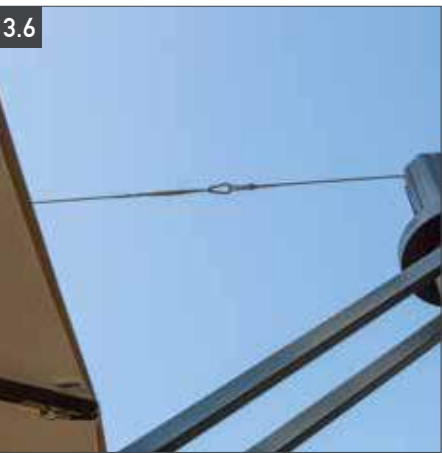
Mounted using stainless steel axle bolts and spring pins **3.4**

Additional stabilization via stainless steel rope, ø 4 mm **3.6**

No plastic parts used **3.7**

With hollow seam for spoke membrane integration

Individually exchangeable spokes and support spokes



### 4 Installation Options

#### 4.1. Permanent Installation Options

##### I. In-Ground Tipping Base

Lower part to be set in concrete

Powder-coated above-ground connecting components with tilting hinge

Weight: approx. 42 kg

For parasols with **I.2** /without **I.3** electro-mechanical features (including heating)

##### OPTIONAL

Spacer for Tipping Base for bridging a gap e.g. an installation in a kindergarten sandbox; height orderbased starting at min. 134 mm to 250 mm **I.1** (special sizes on request)



##### II. Surface Mount

Hot-dip galvanized steel

Powder-coated above-ground connecting components with tilting hinge and center pole sleeve

Size: 610 × 610 × 20 mm

Weight: approx. 77.5 kg

##### OPTIONAL

»fischer« heavy-duty anchoring bolts (1 set = 8 pcs.); type #FH II 18/30 SK A4; M12 thread; incl. concrete drill type #SDS Plus II, drill depth 135 mm and Allen wrench SW 8 **II.1**



#### IV. Dual Mounting Console (order-related)

Surface mount with spacer and tiltable connecting components

Height: min. 134 mm to 250 mm (special sizes on request). The 15 mm thick winter cover has to be taken into consideration for flush-mounting

Weight: approx. 98 kg

With integrated theft prevention and winter cover plate

##### OPTIONAL

Also available for umbrellas with electromechanical options

#### 4.2. Permanent Wall Mounting

##### I. Wall Brackets

set of two brackets for wall mounting

material: powder-coated aluminum

##### OPTIONAL

Bolting material for wall mounting





# Product Information

## 5 Transport Packaging

The parasols leave our production facility in perfect condition. To ensure they arrive in impeccable condition they are delivered in half-shell tubes or wooden crates.

Size: 4600 x 650 mm

Weight without parasol: approx. 55 kg



# Additional Features



## 1 Printing

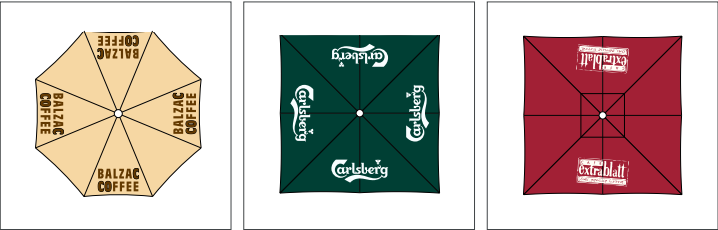
The Bahama UV printer uses 9 color channels. Even pure white. Only lightfast and highest quality inks are used to ensure color accurate fonts, logos and emblems are positioned with millimeter precision. The membrane segments are sewed together after printing; the PVC-coated segments are heat sealed together.

No fading due to highly UV-resistant colors

Optimal advertising impact

Individual printing of the textile membranes

**References:** Mc Donalds, Starbucks, Heineken, Carlsberg, Bitburger, Gaffel, Café & Bar Celona, Café Extrablatt, Hilton, Kempinski et al



## 2 Extra Protection V4A | Maritime Edition

Optional offshore stainless steel version »maritime«. Cannot be retrofitted.

All metal components made of a special alloy V4A stainless steel

Developed for use near the seaside

Especially durable



# Additional Features

## 4 Textile Gutters

Not only rain falls from the sky, bird droppings or wet leaves are often bothersome, too. To attain one entirely closed area the individual parasols can be connected by a textile gutter creating a coherent covering that is optically appealing.

- Gutter with a gradient for water runoff
- Fastening with carabiners and chains
- Stability due to rods inserted into the hollow seams
- Colors matching the textile membrane
- Optically appealing unit of parasol and gutter
- Light-permeable for a cozy atmosphere
- High waterproofness
- Protection against rain, bird droppings and leaves
- Variable mounting with threaded eye screws and slot nuts on spoke profile (no additional drill hole)
- Weight model-related

## 5 Protective Cover

Not only does it keep everything together, it also keeps it clean. Film packaging is often not enough protection. To this end there are – especially for winter or long-term storage – robust protective covers in different versions.

### Protective Cover comfort

- Robust weather protection cover
- »betex®05« | Polyester | 9801 - concrete
- With zipper for telescopic rod

### Protective Cover comfort with Telescopic Rod

- Equipped with a telescopic rod 5. When ordering more than one cover, only one telescopic rod is necessary
- Easy to put over the parasol



### Choice of Fabrics

betex®05, Precontraint 302, swela Sunvas

### OPTIONAL

Also available as self-supporting edition



Note: Photo shows a different umbrella model

# Additional Features

## 6 Side Panels

There is no more tossing a coin to figure out who has to sit at the edge of the parasol when the weather isn't behaving. The quickly and easily unrolled »side panels« not only protect you from sudden rain showers, but also against the cold and wind. Through this possibility of creating a boundary, they provide a feeling of secure comfort.

- Made completely of textile fabric with or without flexible windows of 0.5 mm strong Polyglass 6
- Variable mounting with threaded eye screws and slot nuts on spoke profile (no additional drill hole) With zipper for opening and closing 6.1
- High waterproofness
- Stability due to rods inserted into the hollow seams
- Drip edge on the ground made of PVC-coated fabric, Precontraint 705-1070 6.2
- Quick and easy to use; just hook it in
- Light-permeable for a cozy atmosphere
- Protection against sun, rain, wind and the cold
- Temporary room solutions for individual event e.g. weddings, street parties, company festivities or to create a smoking area
- Visual protection for unsightly surroundings like storage areas, clutter in the neighborhood, structural defects etc.
- Protected seating area
- Keeps a constant temperature of ambient air, especially in combination with heating radiators
- Fixing of the side panel on the floor through customer

### OPTIONAL

- Connecting piece for joining the side panels of 2 parasols 6.3
- Available with roll-up door





# Additional Features



**7 Theft Protection and Authorized Use**  
You wouldn't park your highend bicycle without locking it up first, right? Protect your parasol from theft with a lock that is incorporated in the installation option. Two additional cylindrical locks in the handles prevent unauthorized use (opening and closing) of the parasol.

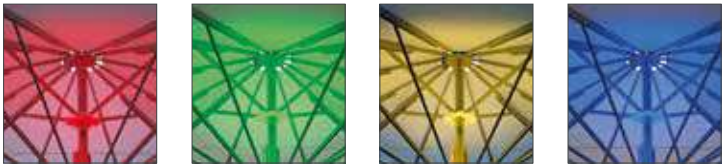
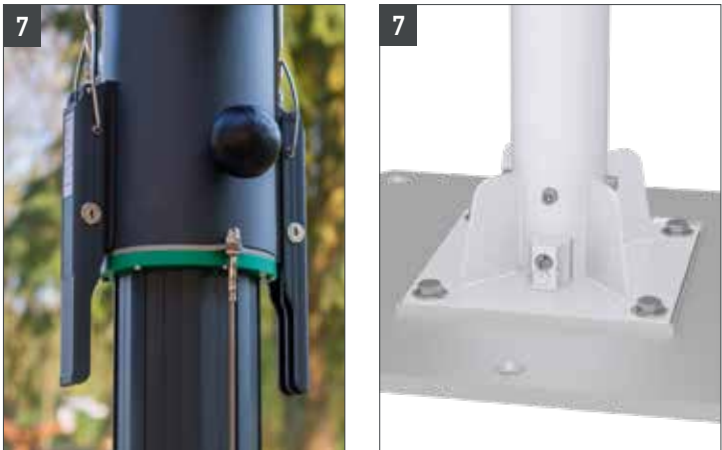
<b>Lock in Handle</b> (included with delivery)
1 Cylindrical lock per handle
Prevention of unauthorized opening and closing
Easy to use

<b>Further Lock</b> (included with delivery)
Theft protection
Incorporated in the installation option

**8 Lighting | LED Lighting**  
There are moments when time flies by. The sun was just shining and now twilight has set in. The »light« installed in the parasol creates a uniform and pleasant atmosphere, that turns the night into day and lets you forget the time.

Economical energy consumption, due to LED light bulbs or LED strips
All wiring is inside; no tangled cables
Appealing lighting condition extends outdoor season
Creates a warm and inviting atmosphere
Pleasant working atmosphere for service personnel

<b>LED-Lighting</b>
RGBW-LED strips <b>8.1</b>
Indirect RGBW-LED lighting 120-240/24V
Dimmable with remote control <b>8.2</b>
Integrated into parasol spokes
Color settings freely selectable by remote control and app, colors including warm white, cold white and neutral
OPTIONAL
4 or 8 RGBW-LED strips
External control unit with FI-switch and on/off switch for each individual electromechanical option



Note: Photos of the lighting option show a different umbrella model





# Additional Features



## 9 Heating

The »radiator« creates pleasant warmth by emitting infrared rays – without any preheating. When several are installed they can also be individually turned on or off. Even a cold ambient temperature is not perceived as unpleasant due to the direct warmth people feel. Use our heating option to defy frosty seasons and cool evenings.

Extended outdoor season; year-round outdoor living

2 or 4 electrical, turnable infrared radiators (available in US edition)

Remote control can regulate 6 levels

1500 watts per radiator

Long-lasting »Ultra Low Glow« heating tube

Can remain in closed parasol

### OPTIONAL

External control unit with FI-switch and on/off switch for each individual electromechanical option



# Handling

Opening, tensioning and closing is quick and easy

### OPENING

- Take off the safety strap. Grab the spherical knobs with both hands and push upwards.
- Latch in the spring buckle and press down on the handle. **1**

### CLOSING

- Lift handles up and unlatch the spring buckle.
- After completely closing the parasol (final position) press handles down onto the pole (passive position).
- Pull the tips of the fabric to the outside of closed parasol and spirally wrap them around the center pole. **2**
- Wrap the safety strap around the parasol. **3**

The excellent appearance and the technical features of the textile membrane can be maintained by adhering to the following closing procedures:

Always pull the tips of the fabric to the outside of a closed parasol

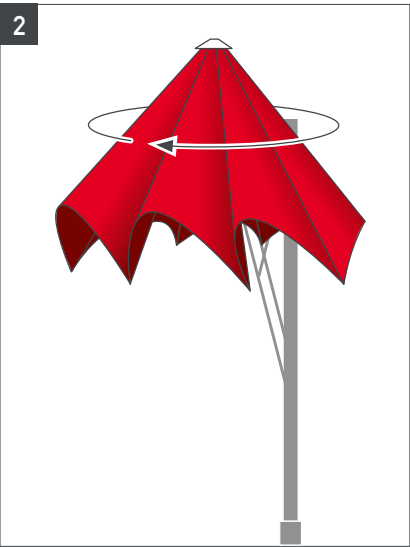
Do not store the parasol with any fabric stuck between the spokes and support spokes

Spirally wrap the fabric around the center pole

Wrap the safety strap around the parasol to secure the fabric

Re-adjust safety straps in case of longer closing times

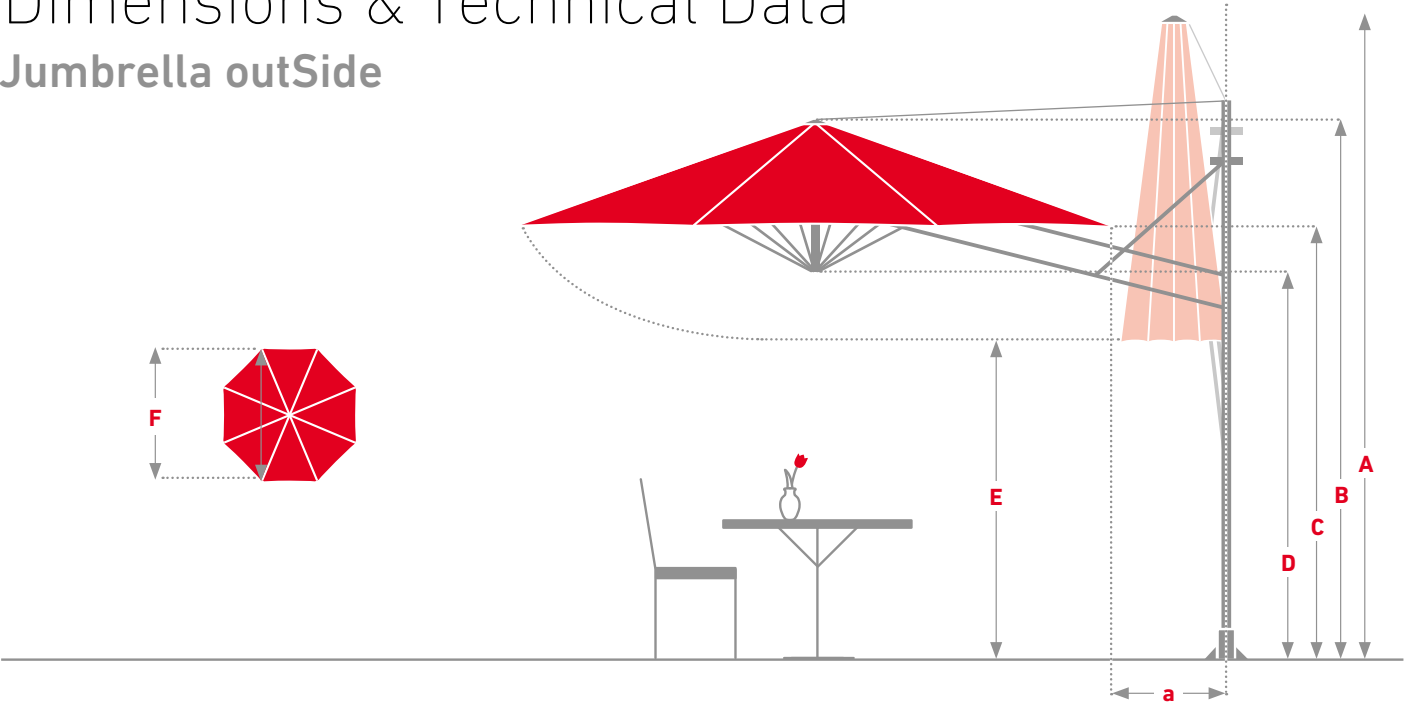
A protective cover is recommended










# Dimensions & Technical Data

## Jumbrella outSide



	 Ø 3.0 m   8 Spokes	 Ø 3.5 m   8 Spokes	 Ø 4.0 m   8 Spokes
All measurements are approximate			
Area in m²	7	9,6	12
Parasol weight Without installation component & packaging, in kg	120	120	120
Transport weight incl. pack, in kg	240	240	240
A Height closed* in cm	419	419	419
B Height opened* in cm	312	312	312
C Passage height* in cm	240	240	240
D Passage height   center* in cm	205	205	205
E Ground clearance* in cm	248	218	200
F Inside circle dia. in cm	277	323	370
a Distance center of column** to membrane edge in cm	123	96	72
Max. permitted wind velocities fully opened parasol, km/h   Permanent	50	50	50

	 3.0 × 3.0 m   8 Spokes	 3.5 × 3.5 m   8 Spokes	 4.0 × 4.0 m   8 Spokes
All measurements are approximate			
Area in m²	9	12	16
Parasol weight Without installation component & packaging, in kg	120	120	120
Transport weight incl. pack, in kg	240	240	240
A Height closed* in cm	419	419	419
B Height opened* in cm	312	312	312
C Passage height* in cm	240	240	240
D Passage height   center* in cm	205	205	205
E Ground clearance* in cm	189	148	120
a Distance center of column** to membrane edge in cm	123	96	72
Max. permitted wind velocities fully opened parasol, km/h   Permanent	50	50	50

\* All measurements refer to the use with a permanent installation option (inground sleeve) \*\* Column diameter approx. 13 cm

# Good to know

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Bahama’s customers always refer back to the great importance of our German production facilities. »Made in Germany« is still a unique selling point and a reason to buy. Bahama’s full range production facility is located in Germany.

The combination of the highest quality materials and structural features allows Bahama to guarantee the wind stability of its products, depending on the model, up to 130 km/h. In addition to the technical details of the parasol, it is especially the lightfastness of the fabrics’ colors, the waterproofness and grammage as well as the water column of the textile membranes which make Bahama top of its class. Trust is placed in Bahama by luxury hotels such as the Burj Al Arab in Dubai, the Hotel Sacher in Vienna and the Dalí Museum in St. Petersburg, USA.



**Service**  
Service greatly influences the life span of a parasol. The exchangeable textile membrane of a Bahama parasol can – after being exposed to all sorts of weather conditions for years – be cleaned or replaced. Our service makes a full technical and general overhaul of the product such that they not only look attractive, but can defy the strongest of winds.

No matter where you need Bahama’s service, the Bahama team or one of our expert partners will be glad to help – worldwide.

Careful and individual planning
Installation of new parasols
Fitting of new textile membranes
Complete service i.e. assembling and disassembling the large parasols, washing, cleaning and maintenance of the frame and textile membranes
Membrane service, i.e. fitting and removing the textile membrane, cleaning and repairing
Storage of the returned and serviced large parasols and/or textile membranes
Technical trainings

**UV-Protection**  
Analogous to the sun protection factor/SPF all textiles are labeled with the ultraviolet protection factor/UPF. Built into the fabric it protects against hazardous UV radiation. Bahama uses the fabric brand betex®05 for the production of its parasol textile membranes. This material fulfills the requirements for UPF 50+, which indicates an »excellent« dermatological UV protection factor and allows less than one fiftieth (<2%) of the UV radiation through the textile membrane onto the skin.





# BAHAMA®

Jumbrella XL





## Bahama

Founded in 1950 today Bahama designs and manufactures a great variety of high-quality large-size parasols and sun sails. National and International customers alike trust in our industrial technology and accurate workmanship. The premium products from Bahama characteristically stand for technical attributes like compactness, durability and wind stability but also for aesthetical features like beautiful designs and materials.

»Made in Germany« – our full range production facility manufactures nearly all parts in house. Bahama further processes sustainable and environmentally friendly materials according to the OEKO-TEX 100 standard, Class 1. The combination of high-quality materials and the structural features allows Bahama to guarantee wind stability for its products, depending on the model, of up to 130 km/h.

**And most importantly: we love customer service** – from consulting to installation, from cleaning to winter storage and maintenance.

**Discover the possibilities of an extended outdoor season. No matter what the weather. Just get to know us!**



**The Jumbrella XL 7 x 5 m wins the IF Design Award 2020.** The award has been standing as a label for great designs since the 1950s. The 78 members of the independent, international jury of experts awarded the coveted seals of approval among 7,298 submissions from 56 countries.

Note: Subject to change without notice.

## The Heart of it All

The Jumbrella XL is the extra-large edition. The space covered ranges from 25 m<sup>2</sup> through 49 m<sup>2</sup>. Our XL-model withstands the highest wind loads and stands out with its numerous possible combinations and additional features. The different features can be individually combined depending on your technical requirements.

- ✿ 8 different model sizes from 25 m<sup>2</sup> to 49 m<sup>2</sup> and side lengths up to 7 m
- ✿ Round and square and rectangular models
- ✿ Great variety of additional features e.g. textile gutters, side panels, lighting with LED, heating, speakers, TV, Wifi, extra protection with the V4A | Maritime Edition
- ✿ Maintenance-free servo mechanism for trouble-free opening and closing
- ✿ Energy efficient handling through gradual opening (servo-mechanism);
- ✿ No loose functional parts like ropes, cranks or connectors
- ✿ 2 lockable handles with spring buckles for optimal fabric tension
- ✿ Standard frame in traffic white | RAL 9016, textured matte finish or in anthracite grey | RAL 7016, textured matte finish
- ✿ Optional custom design of frame finish (color, exclusive wood look | Golden Oak) and of membranes
- ✿ Perfect, lasting tension as the textile membrane is integrated into the spoke
- ✿ Additional, stabilizing support spokes
- ✿ Membrane in two different high-quality fabrics
- ✿ Large, contemporary selection of colors
- ✿ Excellent UV-protection UPF 50+
- ✿ Absolutely waterproof
- ✿ Numerous possibilities for printing on the textile membranes and/or valances
- ✿ Short delivery times, fast replacement, exceptionally long spare parts supply
- ✿ Various installation options as well as adaptations for various on-site conditions
- ✿ Newest generation of infrared radiators that can remain in the closed parasol
- ✿ Integrated theft prevention
- ✿ Up to 111-months wind warranty depending on installation options and parasol size of up to wind force 11 | 110 km/h

# BAHAMA®











# Product Information

## 1 Textile Membranes

No matter your choice of fabric, the resulting textile membranes combine all the attributes of a durable and sustainable product. These include next to the high-quality appearance numerous technical functions.

### 1.1. Brand Name: betex®05 | Fabric exclusively crafted for Bahama

100% polyester fabric with top transparent coating
Grammage of approx. 200 g/m²
Excellent UV-protection UPF 50+ protects against UV radiation (exception: snow 9577)
High degree of fabric lightfastness (i.e. fading) (DIN EN ISO 105-B02 Class ≥ 6–7)
High waterproofness, pressure resistance (DIN EN 20811, ISO 811   Water column ≥ 100 mbar, 1.000 mm)
Low moisture absorption, dries quickly
High temperature resistance (DIN 53361 from -30°/+90°C)
Excellent friction resistance (DIN EN ISO 105-x12   Class ≥ 4–5)
High tear resistance due to high thread count
Durable, tailor-made and dimensionally stable with perfect membrane tension
Sustainable and environmentally friendly fabrics with the OEKO-TEX 100 Standard, Class 1
Exchangeable and washable one-piece membranes
25 contemporary colors (custom colors upon request)
Printable with the most modern printing process



### 1.2. Brand Name: Precontraint 302

PVC coated Polyester 550 Dtex. SERGE FERRARI PRECONTRAIT® coating technology
Grammage of approx. 480 g/m²
Excellent UV-protection UPF 50+ protects against harmful UV radiation
Highest degree of fabric lightfastness (i.e. fading) (DIN EN ISO 105-B02   Class ≥ 7–8)
Heat-sealed segments, 100% waterproof
High temperature resistance (DIN 53361 from -30°/+70°C)
Fire retardant (DIN 4102-B1)
Exceptional surface stability and tear resistance
Durable, robust, dirt-repellant and stable in all weather conditions
Own cleaning possibility due to increased dirt accumulation through leaves, tree sap, bird-droppings, car exhaust or dust
Recyclable
25 contemporary colors (custom colors upon request)
Printable with the most modern printing process





# Product Information

### 3 Umbrella Frame

The difference may not be obvious at first sight: but the large-size parasols from Bahama have an inner and an outer pole that optically come together to form one center pole. Better sturdiness also means better stability and the corresponding safety.

#### Center pole with Outer and Inner pole

Easy and quick opening and closing due to the maintenance-free servo-mechanism

Easy and efficient handling through gradual opening (servo-mechanism); 4-stages **3.1**

Tension latches with spring buckles for opening and closing instead of a crank

Extra stability through extruded, internally strengthened and profiled aluminum center pole **3.2**

Pole diameter approx. 95 mm, wall thickness approx. 3.7 mm

Impact and scratch resistant due to PES powder-coated center pole, post-baked

Standard frame in traffic white | RAL 9016, textured matte finish or in anthracite grey | RAL 7016, textured matte finish **3.3**

Optional custom design for frames i.e. color or exclusive wood look | Golden Oak, resin components in black, some elements in anthracite grey | RAL 7016, textured matte finish

Cylindrical locks in the handles prevent unauthorized opening and closing **3.4**

#### OPTIONAL

Umbrella center pole extension, up to 50 cm are possible depending on model

Umbrella center pole reduction (upon request)

#### Spokes, Support Spokes, Bearings and Hinges

The quality of a parasol can only be as good as its supporting and connecting parts.

Extruded aluminum profile using special alloy Al F30/32; no sharp edges

Mounted using stainless steel axle bolts and spring pins

No plastic parts used **3.5**

With hollow seam for spoke membrane integration

Individually exchangeable spokes and support spokes



### 4 Installation Options

There is a choice of mobile or permanent installation options. Mobile installation is characterized by a greater degree of flexibility in choosing the location and surface. When installing an in-ground option, building measures must be carried out that have to be taken into consideration during the planning phase. They consist of above-ground and in-ground pieces to be set in concrete.

#### 4.1. Mobile Installation Options

##### I. Portable Stand

Hot-dip galvanized and powder-coated steel frame

Powder-coated in RAL color of the parasol frame

Including aesthetically designed, bright deco concrete slabs

Height adjustable in all 4 corners; standard

Portable Stand weight for all sizes up to 6 x 6 m without wind warranty: approx. 460 kg

Lifting equipment is necessary for the installation; without tilting hinge

For use with changing locations

##### OPTIONAL

Portable Stand weight for all sizes up to 6 x 6 m with wind warranty: approx. 540 kg; extra Steel Plates are used for more weight

##### II. Steel Plate Base with 4 or 8 Steel Plates | 2 Layers

Flat construction; no tripping hazard

Hot-dip galvanized plates

Tiltable screw-on receiving column

Plate size: 740 × 740 × 15 mm (ea. 65.2 kg)

Weight of 4 Steel Plates approx. 280kg; weight of 8 Steel Plates approx. 540kg

On-ground use only possible with 8 Steel Plates | 2 layers; weight approx. 540kg; with wind warranty

##### OPTIONAL

Powder-coating in traffic white | RAL 9016, textured matte finish or in anthracite grey | RAL 7016, textured matte finish in **II.1** and/or in RAL color of the parasol frame

Spacer height min. 134 mm – max. 250 mm or starting at a height of 251 mm e.g. for terrace substructures. **II.2**





# Product Information



## 4 Installation Options

### 4.2. Permanent Installation Options

#### I. 2-Ground Installation tiltable

Lower part to be set in concrete
Powder-coated above-ground connecting components with tilting hinge
Weight: approx. 42kg
For parasols with I.2 /without I.3 electro-mechanical features
OPTIONAL
Spacer for Tipping Base for bridging a gap e.g. an installation in a kindergarten sandbox; height orderbased starting at min. 134 mm to 385 mm I.1 (special sizes on request)



#### II. Surface Mount

Hot-dip galvanized steel
Powder-coated above-ground connecting components with tilting hinge and center pole sleeve
Size: 610 × 610 × 20 mm
Weight approx. 77.5kg
OPTIONAL
»fischer« heavy-duty anchoring bolts (1 set = 8 pcs.); type #FH II 18/30 SK A4; M12 thread; incl. concrete drill type #SDS Plus II, drill depth 135 mm and Allen wrench SW 8 III.1

#### IV. Dual Mounting Console (order-related)

Surface mount with spacer and tiltable connecting components
Height: min. 134 mm to 385 mm (special sizes on request). The 15 mm thick winter cover has to be taken into consideration for flush-mounting
Weight: approx. 98 kg
With integrated theft prevention and winter cover plate
OPTIONAL
Also available for umbrellas with electromechanical options



# Product Information

## 5 Transport Packaging

The parasols leave our production facility in perfect condition. To ensure they arrive in perfect condition they are delivered in a hard-cardboard cylinder tube.
Outer diameter: approx. 550 mm
Cylinder length: approx. 5400 mm
Weight without parasol: approx. 51 kg

#### OPTIONAL

Delivery in a hard-cardboard cylinder tube on three wooden pallets including heavy duty tension straps
--







# Additional Features

## 1 Valance

The valance is hemmed, dyed in the matching color and the edgelines are thermally processed. No ruffles here.

Valance height approx. 30 cm

Additional advertising space



## 2 Printing

The Bahama UV printer uses 9 color channels. Even pure white. Only lightfast and highest quality inks are used to ensure color accurate fonts, logos and emblems are positioned with millimeter precision. The membrane segments are sewed together after printing; the PVC-coated segments are heat sealed together.

No fading due to highly UV-resistant colors

Optimal advertising impact

Individual printing of the textile membranes



**References:** Mc Donalds, Starbucks, Heineken, Carlsberg, Bitburger, Gaffel, Café & Bar Celona, Café Extrablatt, Hilton, Kempinski et al



## 3 Extra Protection V4A | Maritime Edition

Optional off-shore stainless steel version »maritime«. Cannot be retrofitted.

All metal components made of a special alloy V4A stainless steel

Developed for use near the seaside

Especially durable



# Additional Features

## 4 Textile Gutters

Not only rain falls from the sky, bird droppings or wet leaves are often bothersome, too. To attain one entirely closed area the individual parasols can be connected by a textile gutter creating a coherent covering that is optically appealing.

- Gutter with a gradient for water runoff
- Fastening with carabiners and chains
- Stability due to rods inserted into the hollow seams
- Optically appealing unit of parasol and gutter
- Light-permeable for a cozy atmosphere
- High waterproofness
- Protection against rain, bird droppings and leaves
- OPTIONAL
- betex®05, Precontraint 302
- Also available as self-supporting edition

### Frame Modification

The modification of the parasol frame is necessary (all diagonal spoke); threaded sockets are embedded in the spoke profile

## 5 Protective Cover

Not only does it keep everything together, it also keeps it clean. Film packaging is often not enough protection. To this end there are – especially for winter or long-term storage – robust protective covers in different versions.

### Protective Cover comfort

- Robust weather protection cover
- betex®05« | Polyester | 9801 - concrete
- With zipper for telescopic rod

### Protective Cover comfort with Telescopic Rod

- Equipped with a telescopic rod (picture 5). When ordering more than one cover, only one telescopic rod is necessary
- Easy to put over the parasol



# Additional Features

## 6 Side Panels

There is no more tossing a coin to figure out who has to sit at the edge of the parasol when the weather isn't behaving. The quickly and easily unrolled »side panels« not only protect you from sudden rain showers, but also against the cold and wind. Through this possibility of creating a boundary, they provide a feeling of secure comfort.

- Made completely of textile fabric with or without flexible windows of 0.5 mm strong Polyglass
- With zipper for opening and closing
- High waterproofness
- Stability due to rods inserted into the hollow seams
- Drip edge on the ground made of PVC-coated fabric, Precontraint 705-1070
- Quick and easy to use; just hook it in
- Light-permeable for a cozy atmosphere
- Protection against sun, rain, wind and the cold
- Temporary room solutions for individual event e.g. weddings, street parties, company festivities or to create a smoking area

- Visual protection for unsightly surroundings like storage areas, clutter in the neighborhood, structural defects etc.
- Protected seating area
- Keeps a constant temperature of ambient air, especially in combination with heating radiators
- Fixing of the side panel on the floor through customer

- OPTIONAL
- Connecting piece for joining the side panels of 2 parasols
- Available with roll-up door

### Frame Modification

- Modification of the parasol frame for the attachment of the side panels per spoke
- pre-assembly:
  - intermediate spoke - threaded sockets are embedded in the spoke profile
  - diagonal spoke - 2 connected eye screws for attachment to the tention clip





# Additional Features



## 7 Impact Protection

Metal or soft padding? Some questions answer themselves when it comes to eliminating a potential source of injury (e.g. kindergartens or retirement homes).

2-piece design, colorful soft foam safeguard; available in 10 colors

Cuff with soft foam on the inside

Outer material made of polyester fabric with PVC coating

With Velcro fasteners



## 8 Theft Protection and Authorized Use

You wouldn't park your high-end bicycle without locking it up first, right? Protect your parasol from theft with a lock that is incorporated in the installation option. Two additional cylindrical locks in the handles prevent unauthorized use (opening and closing) of the parasol.

### Lock in Handle (included with delivery)

1 Cylindrical lock per handle

Prevention of unauthorized opening and closing

Easy to use

### Further Lock (included with delivery)

Theft protection

Lock firmly fixed to the installation option 8.1



# Additional Features



## 9 Lighting | LED Lighting

There are moments when time flies by. The sun was just shining and now twilight has set in. The »light« installed in the parasol creates a uniform and pleasant atmosphere, that turns the night into day and lets you forget the time.

Economical energy consumption, due to LED light bulbs or LED strips

All wiring is inside; no tangled cables

Appealing lighting condition extends outdoor season

Creates a warm and inviting atmosphere

Pleasant working atmosphere for service personnel

### Lighting

4 lamps on the center pole (LED light bulbs)

Light temperature 2700 K

4 × 4 W light power

supply power 240 V (available in US edition – 120 V)

OPTIONAL

6 LED lamps with 6x4 W light power 9.1

External control unit with FI-switch and on/off switch for each individual electromechanical option



### LED-Lighting

8 RGBW-LED strips 9.2

Indirect RGB LED lighting 120–240/24 V

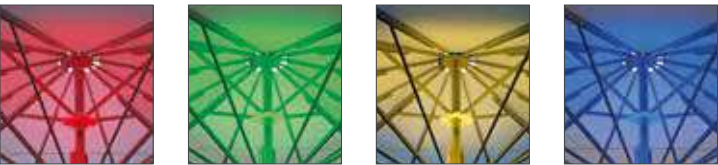
Dimmable with remote control 9.3

Integrated into parasol spokes

Color sequences | 16 pre-programmed colors, including warm and cold white

OPTIONAL

External control unit with FI-switch and on/off switch for each individual electromechanical option





# Zusatzausstattung



## 10 Heating

The »radiator« creates pleasant warmth by emitting infrared rays – without any pre-heating. When several are installed they can also be individually turned on or off. Even a cold ambient temperature is not perceived as unpleasant due to the direct warmth people feel. Use our heating option to defy frosty seasons and cool evenings.

Extended outdoor season; year-round outdoor living

4 electrical, turnable infrared radiators (available in US edition)

Remote control can regulate 6 levels

1500 watts per radiator

Long-lasting »Ultra Low Glow« heating tube

Can remain in closed parasol

### OPTIONAL

External control unit with FI-switch and on/off switch for each individual electromechanical option



## 11 Speakers

Music is much more than just an acoustical backdrop. An installed »audio system« can create very different atmospheres, in which people can have a lively celebration or simply relax after work – depending on desire and mood.

Audio system integrated into the frame

Optionally with one or two speakers

### OPTIONAL

External control unit with FI-switch and on/off switch for each individual electromechanical option

## 12 TV

Who likes sitting alone at home in front of the TV? Especially not when everyone is outdoors watching the same thing. The additional feature »TV« gives outdoor screening a community spirit with a great deal of fun.

Stable, light-weight mount

Installation for 1 or 2 screens per parasol

### Frame Modification

Standard TV mounting console in parasol with VESA-Norm 200 for a maximum screen size of 32 inches (picture 12)

240 V power connection for 1 or 2 TVs on the mounting console (available in US edition – 120 V)

Network connection CAT 7 inside the electric crown unit

### OPTIONAL

External control unit with FI-switch and on/off switch for each individual electromechanical option

## 13 Wifi

These days it already seems a matter of course that customers are offered free public Wifi. Installing a »Wifi Network« is not merely providing an additional service, it also attracts and keeps customers.

Only possible in combination with LED-Lighting option

Internal CAT7 wiring

Integrated CAT7 RJ45 network interface to be connected inside the in-ground installation

Internal power supply of the 24V DC router

Wifi Outdoor Access Point TP-Link EAP110 mounted onto center pole via weatherproof case

# Handling

Opening, tensioning and closing is quick and easy.

### OPENING

· Take off the safety strap. Lift the ends of the spokes until the parasol opens by itself.

· Latch in the spring buckle and press down on the handle **1**.

### CLOSING

· Lift handles up and unlatch the spring buckle **2**.

· After completely closing the parasol (final position) Press handles down onto the pole (passive position).

· Pull the tips of the fabric to the outside of closed parasol and spirally wrap them around the center pole **3**.

· Wrap the safety strap around the parasol **4**.

The excellent appearance and the technical features of the textile membrane can be maintained by adhering to the following closing procedures:

Always pull the tips of the fabric to the outside of a closed parasol

Do not store the parasol with any fabric stuck between the spokes and support spokes

Spirally wrap the fabric around the center pole

Wrap the safety strap around the parasol

Re-adjust safety straps in case of longer closing times

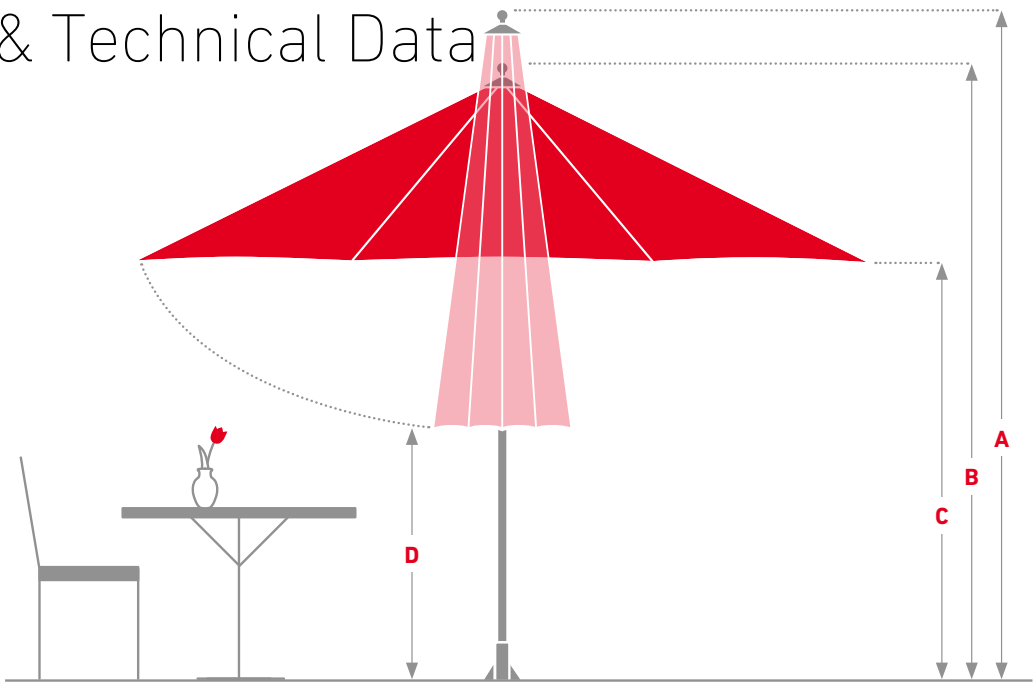
A protective cover is recommended





# Dimensions & Technical Data

## Jumbrella XL



	Ø 7.0 m 12 Spokes	5.0 × 5.0 m 12 Spokes	5.5 × 5.5 m 12 Spokes	6.0 × 6.0 m 12 Spokes	7.0 × 7.0 m 12 Spokes
All measurements are approximate					
Area in m²	37	25	30,25	36	49
Parasol weight <small>Without installation component &amp; packaging, in kg</small>	190	159	164	177	200
Transport weight <small>incl. packaging, in kg</small>	251	216	225	242	265
A Height closed* in cm	513	450	489	526	526
B Height opened* in cm	394	354	379	394	394
C Passage height* ** in cm	250	235	250	250	240
D Ground clearance* ** in cm	140	83	85	80	13
Max. permitted wind velocities <small>fully opened parasol, km/h   Permanent/Mobile</small>	90/59	110/72	100/65	90/59	60/–

	6.0 × 5.14 m 12 Spokes	7.0 × 5.0 m 12 Spokes	7.0 × 6.0 m 12 Spokes
All measurements are approximate			
Area in m²	30,84	35	42
Parasol weight <small>Without installation component &amp; packaging, in kg</small>	161	175	190
Transport weight <small>incl. packaging, in kg</small>	226	240	255
A Height closed* in cm	515	520	526
B Height opened* in cm	385	390	395
C Passage height* in cm	250	250	250
D Ground clearance* in cm	98	70	45
Max. permitted wind velocities <small>fully opened parasol, km/h   Permanent/Mobile</small>	90/59	70/–	70/–

\* All measurements refer to the use with a permanent installation option (in-ground sleeve). For the edition with valance, the measurements increase by 30 cm.

# Good to know

## Sustainability and Environmental Compatibility

The betex®05 fabric, exclusively crafted for Bahama, and the resulting textile membrane are certified exclusively according to the OEKO-TEX 100 standard, Class 1 which is awarded by independent institutions. Class 1 meets the demands of baby clothing with skin contact.

The OEKO-TEX pollutant test corresponds to the respective intended use of the textiles and materials. In Germany there are clear and reliable criteria for environmental compatibility and sustainability. Bahama demands of its products that every defect or damaged part can be replaced.

## Made in Germany

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The combination of the highest quality materials and structural features allows Bahama to guarantee the wind stability of its products, depending on the model, up to 130 km/h. In addition to the technical details of the parasol, it is especially the lightfastness of the fabrics' colors, the water-proofness and grammage as well as the water column of the textile membranes which make Bahama top of its class. Trust is placed in Bahama by luxury hotels such as the Burj Al Arab in Dubai, the Hotel Sacher in Vienna and the Dalí Museum in St. Petersburg, USA.

## Service

Service greatly influences the life span of a parasol. The exchangeable textile membrane of a Bahama parasol can – after being exposed to all sorts of weather conditions for years – be cleaned or replaced. Our service makes a full technical and general overhaul of the product such that they not only look attractive, but can defy the strongest of winds.

No matter where you need Bahama's service, the Bahama team or one of our expert partners will be glad to help – worldwide.

### Careful and individual planning

### Installation of new parasols

### Fitting of new textile membranes

Complete service i.e. assembling and disassembling the large parasols, washing, cleaning and maintenance of the frame and textile membranes

Membrane service, i.e. fitting and removing the textile membrane, cleaning and repairing

Storage of the returned and serviced large parasols and/or textile membranes

### Technical trainings

## UV-Protection

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**BAHAMA®**

Largo







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**And most importantly:** we love customer service – from consulting to installation, from cleaning to winter storage and maintenance.

**Distinguish yourself with your design from other outdoor spaces and create a unique eye-catcher.**  
**Just get to know us!**

## The Heart of it All

Technically Largo is our most elaborate model. The impressive, large-size parasol has an unusual and elegant shape opening upwards like a tulip. The underlying principle of a parasol is literally turned »upside down«. Only the textile covering and the cladding of the center pole are visible. Other technical details are nearly all hidden in the parasol. Pure premium beauty. The parasol's sturdiness is guaranteed for wind speeds of up to a max. of 130 km/h.

- ✿ Unique and aesthetic design
- ✿ Round and square roof shapes
- ✿ Interior, indirect lighting
- ✿ Installation with drainage and power supply
- ✿ Telescopic opening and closing
- ✿ Depending on model opening and closing per crank or geared motor
- ✿ Easy handling
- ✿ Optimal fabric tension
- ✿ High-quality, technical components











# Product Information

## 1 Textile membrane with PVC coating

For the covering Bahama uses a brand fabric with PVC coating. Next to a high-quality appearance it fulfills a number of technical functions.

### Brand Name: Precontraint 302

- PVC coated Polyester 550 Dtex.
- SERGE FERRARI PRECONSTRAINT® coating technology
- Perfect for permanently opened parasols
- Heat-sealed segments, thus 100% waterproof
- Fire retardant (DIN 4102-B1)
- Grammage of approx. 480 g/m²
- Fabric thickness 0.36 mm
- Exceptional surface stability and tear resistance
- Perfect tension without folds
- Excellent sun protection factor
- Dirt-repellant and waterproof
- Durable
- High temperature resistance (-30°C/+70°C); (DIN EN 1876)

### Special Technical Detail

The membrane has a hidden zipper at the bottom. This enables you to work inside the parasol when in a half-opened position, e.g. to exchange defect light bulbs.

\*depending on model



## 2 Center Pole

The difference may not be obvious at first sight: but the large-size parasol from Bahama has an inner and an outer pole that optically come together to form one center pole. Better sturdiness also means better stability and the corresponding safety.

### Outer Pole

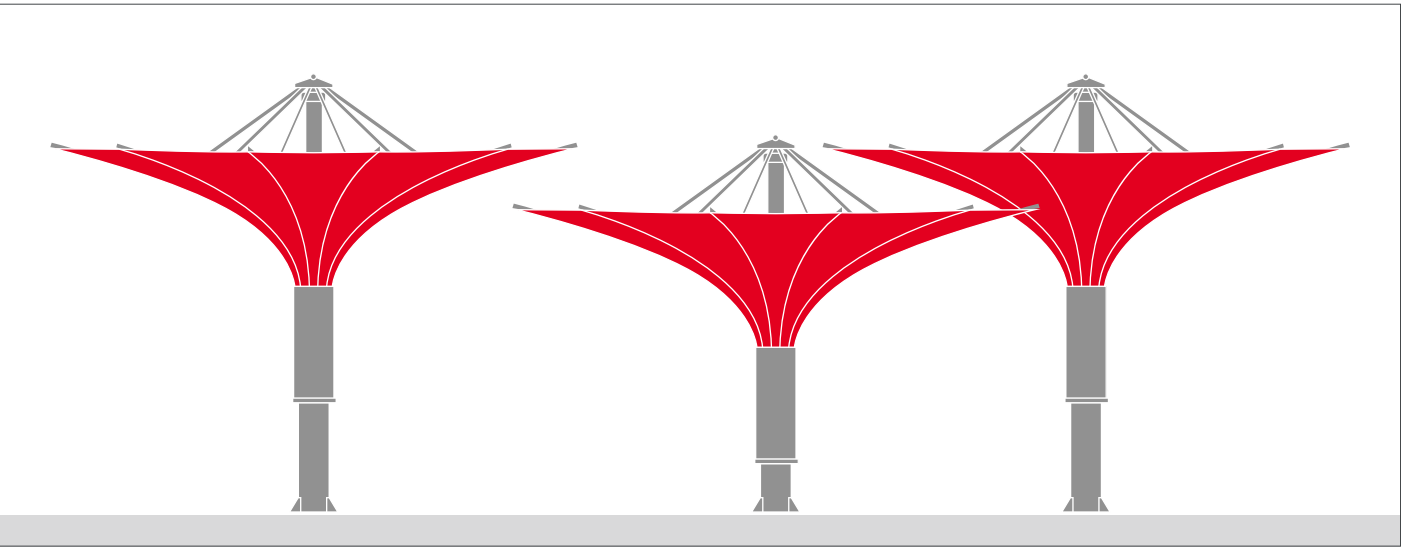
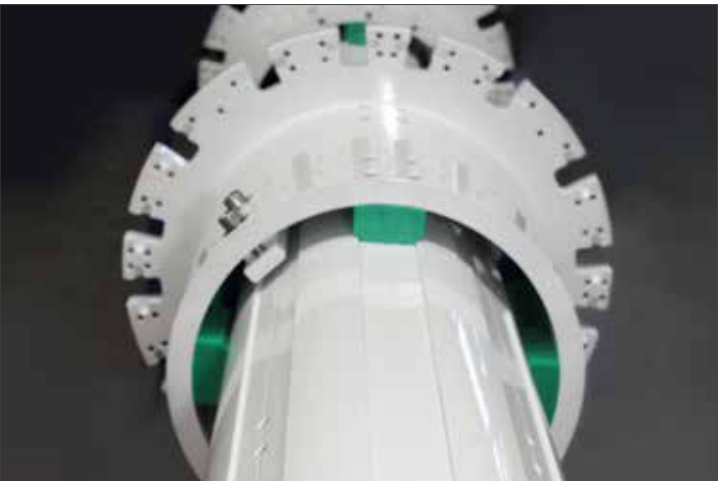
- Functionally chambered extruded aluminum profile
- Diameter 220 × 10 mm

### Inner Pole

- Functionally chambered extruded aluminum profile
- Diameter 130 × 6 mm

### Optional Extension of the Center Pole

By lengthening the center pole, it is possible to overlap when installing numerous parasols. (see drawing)





# Product Information

## 3 Spokes, Support Spokes, Bearings, Hinges

The quality of a parasol can only be as good as its supporting and connecting components.

All aluminum parts: pickled, PES/RAL-powder coated, fired at approx. 190°C, color on request

Spokes:  
Outside functionally chambered extruded aluminum profile  
42 × 26 × 3 mm (for larger models 66.5 × 42 × 6 mm)\*

Spokes at pressure point:  
Outside functionally chambered extruded aluminum profile 80 × 42.9 × 7.5 mm  
(for larger models 110.1 × 54 × 13.5 mm)\*

Reinforcement Profile:  
Extruded aluminum profile 42 × 26 × 3 mm and 54 × 38 × 4 mm  
(for larger models 79.5 × 54 × 6.6 mm)\*

Support Spokes:  
Outside functionally chambered extruded aluminum profile 42 × 26 × 3 mm  
(for larger models 48.5 × 34 × 6.9 mm)\*

Bearings:  
Double-shear, U-shaped extruded aluminum profile

### Special Technical Details

The crown unit of the inner pole consists of 16 or 20\* double-shear bearings with 16 or 20\* support spokes, which are in turn connected to the spokes.

48 or 60\* bearings

Lower carriage with membrane connection plate; on this 16 or 20\* consoles are mounted; this prevents the membrane from piling up.

\*depending on model



# Product Information

## 4 Installation

Embedded in the foundation the footing console connects the massive center pole with the ground. It contains both the electrical connection for the parasol and the drainage.

Two-piece steel console

Hot-dip galvanized

PES/RAL-powder coated & fired  
(installation console)

## 5 Theft Protection

At the lower end of the membrane there is a two-part, cylindrical safeguard. The metal cylinder can be locked thus protecting against theft and unauthorized use as well as against spray water. Rainwater is collected in the cylinder and led into the drainage in the footing console. Here you will also find the motor and/or the crank slot for opening and closing the parasol.

## 6 Lighting

There are moments when time flies by. The sun was just shining and now twilight has set in. The »light« installed in the parasol creates a uniform and pleasant atmosphere that turns the night into day and lets you forget the time.

16 lamps on the center pole (LED light bulbs)

External control unit (ECU) with on and off switch and ground fault circuit interrupter (GFCI)

All wiring is inside; no tangled cables

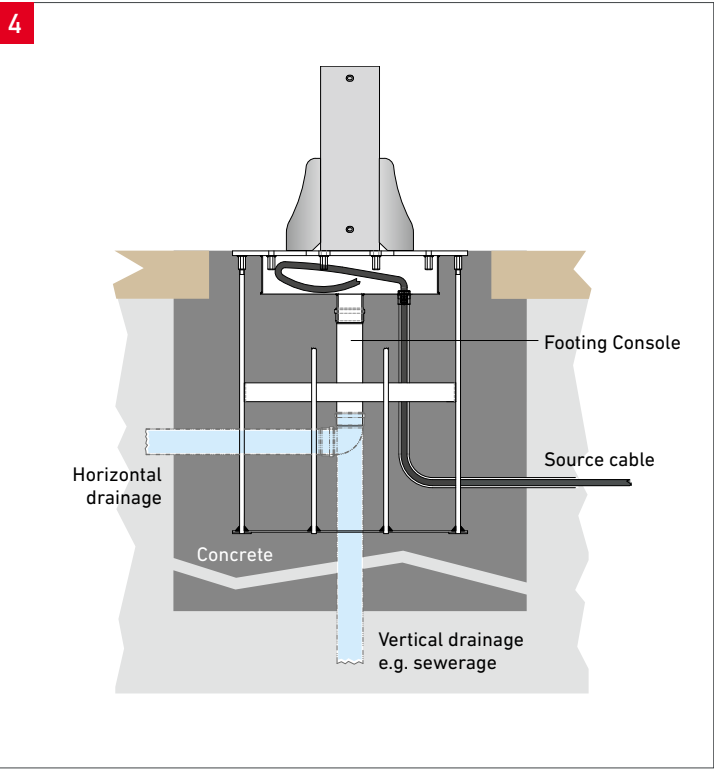
Creates a warm and inviting atmosphere

OPTIONAL

Optional doubling of the LED light bulbs from 16 to 32

## 7 Transport Packaging

The parasol leave our production in perfect condition. To ensure they arrive in impeccable condition they are delivered in specially produced transport packaging.





# Additional Features



## 1 Printing

The printing is done digitally on the individual segments before these are heat sealed together.



## 2 Extra Protection V4A | Maritime Edition

Optional off-shore stainless steel edition »maritime« for round models up to ø 10.5 m and for square parasols up to 8 x 8 m

- Cannot be upgraded
- Usage of V4A stainless steel screws

## 3 Protective Cover

Not only does it keep everything together, it also keeps it clean. Film packaging is often not enough protection. For this purpose we offer – especially for winter or long-term storage – a robust protective cover of high-quality, with cording and zipper..

## 4 LED-Beleuchtung

- 16 RGBW-LED strips, 20 strips for the 12,5 m, 10x10 m and 12x12 m
- Indirect RGB LED lighting 120 - 240/24V
- Dimmable with remote control
- Integrated into parasol spokes
- Freely selectable color settings via remote control and app, including warm white, cold white and neutral
- OPTIONAL
- External control unit with FI-switch and on/off switch for each individual electromechanical option

## 5 Motorization

- E-gearred motor – 400 v/3-phase geared motor
- Electrical output of 2 kW
- Integrated BE1-break with automatic disengaging manual brake release (safety requirement)
- During a power loss hand crank can be used
- Motor protection through NCC bimetal switch »TH«
- Depending on model IP66 Protection (impervious to fog, rain, dust and foreign objects)
- Motor with 230V heating tape (trace heating)
- The motorized opening and closing takes approx. 2 minutes and is fully automatic



# Handling

The smaller models (round up to ø 10.5 m & square up to 8 x 8 m) are opened and closed using a hand crank and reduction gear. Larger parasols are motorized. Smaller models can optionally be equipped with a motor.

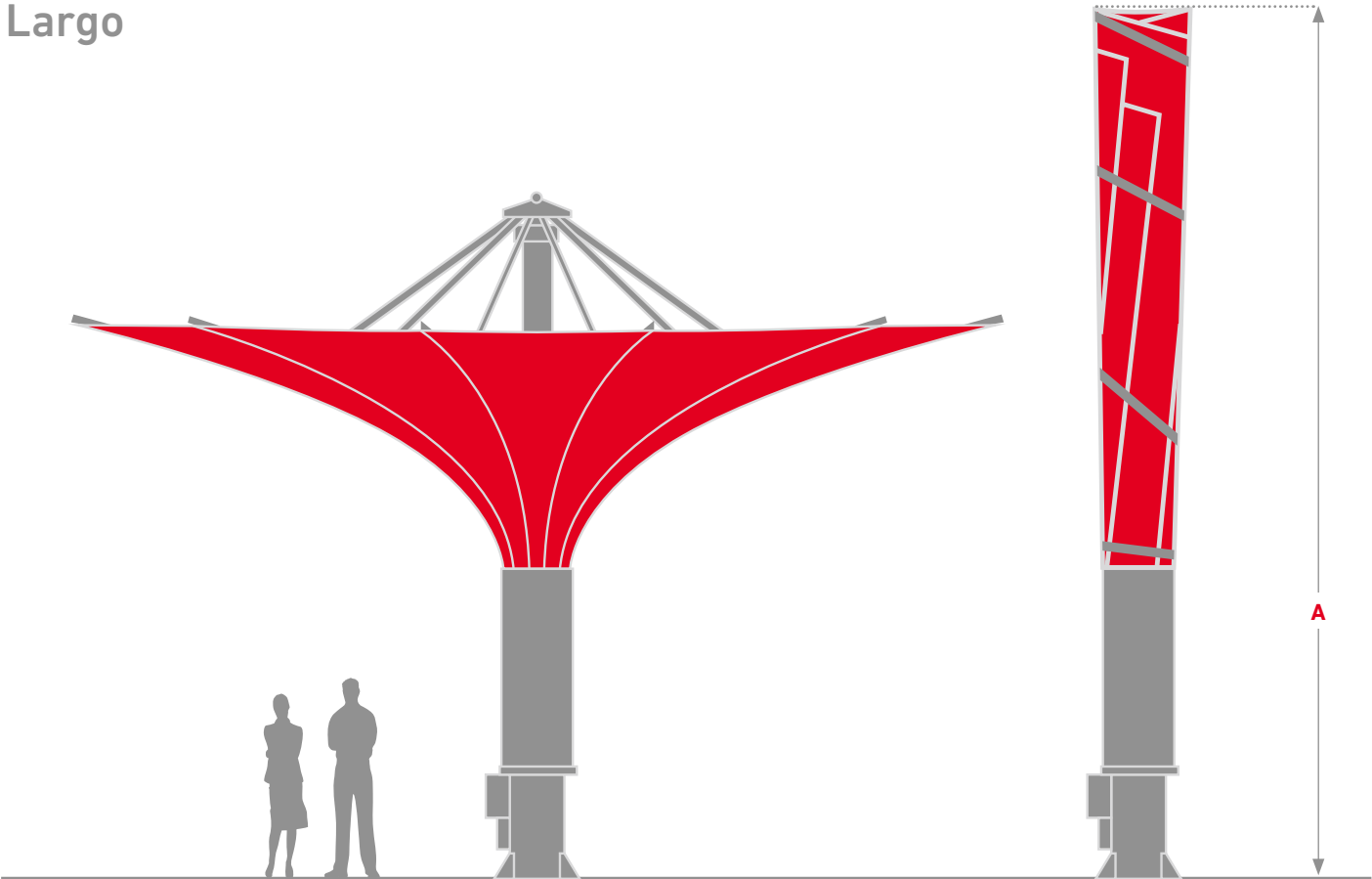
- OPENING  
Insert the key and turn it to the right in the direction OPEN.  
  
Or: Insert the hand crank in the slot provided and turn clockwise.
- CLOSING  
Insert the key and turn it to the left in the direction CLOSE.  
  
Or: Insert the hand crank in the slot provided and turn counter-clockwise. Should you intend to keep the parasol closed for a longer period, attach the safety strap.













# Dimensions and Technical Data

## Largo



	 Ø 7,5 m 18 Spokes	 Ø 8,5 m 18 Spokes	 Ø 10,5 m 18 Spokes	 Ø 12,5 m 20 Spokes
All measurements are approximate				
Area in m²	42,0	54,0	85,0	119,0
Parasol weight in kg	1,000	1,200	1,500	1,700
A Height closed in cm	600	690	830	970

	 7,0 x 7,0 m 16 Spokes	 8,0 x 8,0 m 16 Spokes	 10,0 x 10,0 m 20 Spokes	 12,0 x 12,0 m 20 Spokes
All measurements are approximate				
Area in m²	47,0	62,0	96,0	140,0
Parasol weight in kg	1,250	1,450	1,650	1,850
A Height closed in cm	650	760	870	980

# Good to know

## Made in Germany

Bahama's customers always refer back to the great importance of German production facilities. »Made in Germany« is still a unique selling point and a reason to buy. Bahama's full range production facility is located in Germany.

The combination of the highest quality materials and structural features allows Bahama to guarantee the wind stability of its products, depending on the model, up to 130 km/h. In addition to the technical details of an parasol it is especially the lightfastness of the fabrics' colors, the water-proofness and grammage as well as the water column of the textile membranes which are decisive. Trust is placed in Bahama by luxury hotels such as the Burj Al Arab in Dubai, the Hotel Sacher in Vienna and the Dalí Museum in St. Petersburg, USA.

## Service

Proper service greatly influences the life span of an parasol. The exchangeable textile membrane of a Bahama parasol can – after being exposed to all sorts of weather conditions for years – be cleaned or replaced. Our service makes a full technical and general overhaul of the product such that they not only look attractive, but can defy the strongest of winds.

No matter where in the world you need Bahama's service, the Bahama team or one of our expert partners will be glad to help.

- Careful and individual planning
- Installation of new parasols
- Fitting of new textile membranes
- Worldwide installation with Bahama technicians
- Schooling of personnel (handling the parasols)
- Schooling of customer technicians





**BAHAMA®**

Magnum





# Bahama

Founded in 1950 today Bahama designs and manufactures a great variety of high-quality large-size parasols and sunsails. National and International customers alike trust in our industrial technology and accurate workmanship. The premium products from Bahama characteristically stand for technical attributes like compactness, durability and wind stability but also for aesthetical features like beautiful designs and materials.

»Made in Germany« – our full range production facility manufactures nearly all parts in house. Bahama further processes sustainable and environmentally friendly materials according to the OEKO-TEX 100 standard, Class 1. The combination of high-quality materials and the structural features allows Bahama to guarantee wind stability for its products, depending on the model, of up to 130 km/h.

**And most importantly: we love customer service** – from consulting to installation, from cleaning to winter storage and maintenance.

**Discover the possibilities of an extended outdoor season.  
No matter what the weather. Just get to know us!**

## The Heart of it All

Magnum is our premium model with the largest covered space ranging from 37 m<sup>2</sup> to 140 m<sup>2</sup> and many possibilities of additional features. The features can be individually combined depending on price expectations and technical requirements. All components of the structure are designed for exposure to enormous loads. Stability at wind speeds of up to 130 km/h is guaranteed.

- ✿ 11 different standard sizes ranging from 37 m<sup>2</sup> to 140 m<sup>2</sup>
- ✿ Round and square models
- ✿ Great variety of additional features, such as textile gutters, LED lighting, heating, speakers, TV, Wi-Fi and much more
- ✿ Membrane made of polyester with PVC coating
- ✿ Ideally suited for permanent opening of the parasol
- ✿ Depending on model opening and closing per crank or geared motor
- ✿ Standard frames in a RAL color of choice
- ✿ Perfect, lasting tension as the textile membrane is integrated into the spokes
- ✿ Large, contemporary selection of colors
- ✿ Excellent UV-protection UPF 50+
- ✿ Absolutely waterproof
- ✿ Numerous possibilities for printing on the textile membranes
- ✿ Newest generation of infrared radiators that can remain in the closed parasol
- ✿ Wind stability up to a maximum of wind force 12 | 130 km/h

# BAHAMA®







# Product Information

## 1 Textile membrane with PVC coating

Some locations or conditions require that the membrane is extremely robust and resilient. This includes the degree of flammability, amongst other things (DIN 4102-B1).

### Brand Name: Precontraint 502 Satin

PVC coated Polyester 1100 Dtex.  
SERGE FERRARI PRECONTRAIN<sup>®</sup> coating technology

Grammage of approx. 570 g/m<sup>2</sup>

Excellent UV-protection UPF 50+  
protects against harmful UV radiation

Highest degree of fabric lightfastness

Heat-sealed segments, 100% waterproof

Fire retardant (DIN 4102-B1)

Exceptional surface stability and tear resistance

Durable, robust, dirt-repellant and stable in all weather conditions

Own cleaning possibility due to increased dirt accumulation through leaves, tree sap, bird-droppings, car exhaust or dust

Recyclable

40 contemporary colors

Printable with the most modern printing process



## 2 Parasol Frame

The difference may not be obvious at first sight: but the large-size parasols from Bahama have an inner and an outer pole that optically come together to form one center pole. Better sturdiness also means better stability and the corresponding safety.

### Center pole with Outer and Inner pole

Extra stability through extruded, internally strengthened and profiled aluminum center pole

Pole diameter approx. 220 mm, wall thickness approx. 10 mm

Impact and scratch resistant due to PES powder-coated center pole, post-baked

Standard frame in custom color according to RAL

Resin components in white or black

Cylindrical lock on the crank insert and, if necessary, on the motor cover prevent unauthorized opening and closing

### Spokes, Support Spokes, Bearings and Hinges

The quality of a parasol can only be as good as its supporting and connecting parts.

All aluminum parts pickled, powder-coated, fired at approx. 190°C

Bolts, screws and other functional parts made of V2A stainless steel

No plastic parts used

With hollow seam for spoke membrane integration

Individually exchangeable spokes and support spokes

### Specific technical details

Equipped with a twist lock 2.1

Twist lock prevents distortion of the lifting pole; important in the case of extreme gusts of wind and for optimum membrane tension

### Necessary installation technology

The use of a mobile crane is needed for the installation because of the parasol's weight 2.2. The Bahama mechanics are specially trained and particularly experienced for this task.





# Product Information

## 3 Motorization

Larger parasols are operated as standard with a motor (round from a diameter of 11 m, square from 10 m). Smaller models can be optionally equipped with a motor.

Electric motor drive – 400 V/3-phase geared motor

Helical-bevel geared motor

Motor with heating tape AC 230V

Weight: approx. 20 kg

Corrosion protection

0.75 kW

IP 155(F)/66

## 4 Installation Options | Foundation element

Structural measures are required for the installation of the foundation element that need to be taken into consideration during the planning phase.

Lower part to be set in concrete

Galvanized upper frame

With an aluminum chequer cover plate when the parasol is dismantled

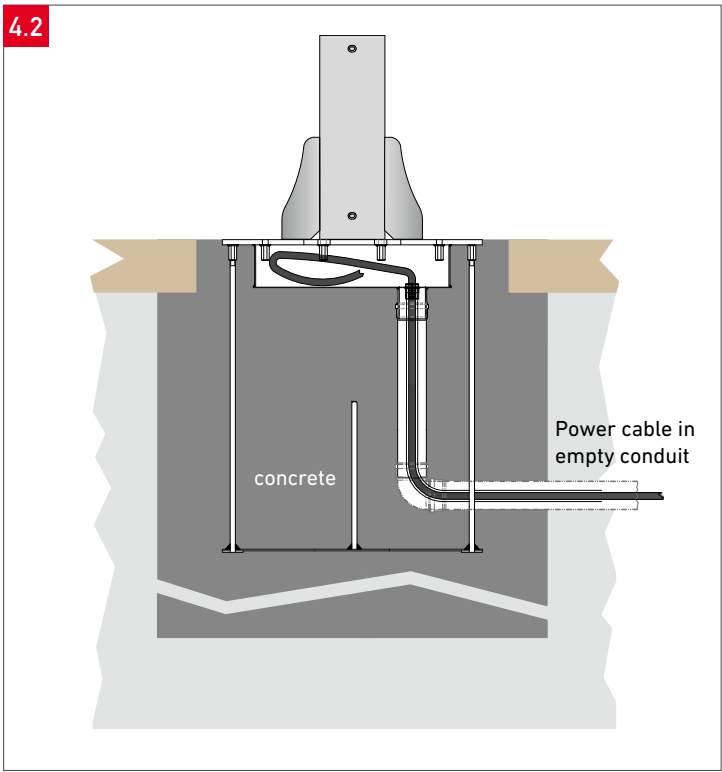
Weight approx. 130–240 kg depending on the size

Dimensions of the foundation element:  
83 × 83 × 100 cm; 100 × 100 × 120 cm

Comparable element for parasols with electrical installations and heating (figure 4.2)

## 5 Transport Packaging

The parasols leave our production facility in perfect condition. To ensure they arrive in perfect condition, they are delivered in specially designed transport constructions. The large-size parasol is transported suspended in a steel or wood fixture due to its weight.



# Additional Features

## 1 Printing

The Bahama UV printer uses 9 color channels. Only lightfast and highest quality inks are used to ensure color accuracy of fonts, logos and emblems, which are positioned with millimeter precision. The membrane segments are heat sealed together after printing.

No fading due to highly UV-resistant colors

Optimal advertising impact

Individual printing of the textile membranes

## 2 Extra Protection V4A | Maritime Edition

Optional off-shore stainless steel version »maritime«. Cannot be retrofitted.

All component parts made of a special alloy V4A stainless steel

Developed for use near the seaside

Especially durable

## 3 Textile Gutters

Not only rain falls from the sky, bird droppings or wet leaves are often bothersome, too. To attain one entirely closed area the individual parasols can be connected by a textile gutter creating a coherent covering that is optically appealing.

Gutter with a gradient for water runoff

Fastening with carabiners and chains

Stability due to rods inserted into the hollow seams

Colors matching the textile membrane

Optically appealing unit of parasol and gutter

High waterproofness

Protection against rain, bird droppings and leaves

## Frame Modification

The modification of the parasol frame is necessary (all spokes); threaded sockets are embedded in the spoke profile





# Additional Features

## 4 Side Panels

There is no more tossing a coin to figure out who has to sit at the edge of the parasol when the weather isn't behaving. The quickly and easily unrolled »side panels« not only protect you from sudden rain showers, but also against the cold and wind. Through this possibility of creating a boundary, they provide a feeling of secure comfort.

Made completely of textile fabric with or without flexible windows of 0.5 mm strong Polyglass 4

Variable mounting with threaded eye screws on spoke profile. With zipper for opening and closing 4.1

High waterproofness

Stability due to rods inserted into the hollow seams

Drip edge on the ground made of PVC-coated fabric, Precontraint 705-1070 4.2

Quick and easy to use; just hook it in

Light-permeable for a cozy atmosphere

Protection against sun, rain, wind and the cold

Temporary room solutions for individual event e.g. weddings, street parties, company festivities or to create a smoking area

Visual protection for unsightly surroundings like storage areas, clutter in the neighborhood, structural defects etc.

Protected seating area

Keeps a constant temperature of ambient air, especially in combination with heating radiators

Fixing of the side panel on the ground through customer

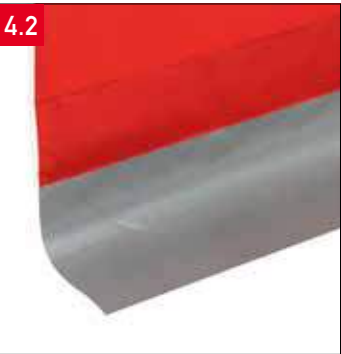
### OPTIONAL

Connecting piece for joining the side panels of 2 parasols 4.3

Available with roll-up door

### Frame Modification

Modification of the parasol frame for the attachment of the side panels per spoke; pre-assembly of threaded eye screws on spoke profile



# Additional Features

## 5 Lighting | LED Lighting

There are moments when time flies by. The sun was just shining and now twilight has set in. The »light« installed in the parasol creates a uniform and pleasant atmosphere, that turns the night into day and lets you forget the time.

Economical energy consumption, due to LED light bulbs or LED strips

All wiring is inside; no tangled cables

Appealing lighting condition extends outdoor season

Creates a warm and inviting atmosphere

Pleasant working atmosphere for service personnel

### Lighting

8 lamps on the center pole (LED light bulbs) 5.1

Light temperature 2700 K

8 × 4 W light power

240 V (available in US edition – 120 V)

OPTIONAL

External control unit with FI-switch and on/off switch for each individual electromechanical option

### LED-Lighting

8 or 10 (in case of 12.0 × 12.0 m) RGB LED strips 5.2

Indirect RGB LED lighting 120 – 240/24V

Dimmable with remote control 5.3

Integrated into parasol spokes

Freely selectable color settings via remote control and app, including warm white, cold white and neutral

OPTIONAL

16 or 20 (for 12.0 x 12.0 m) RGBW-LED strips, depending on the model

External control unit with FI-switch and on/off switch for each individual electromechanical option





# Additional Features



<b>6 Heating</b>
The »radiator« creates pleasant warmth by emitting infrared rays – without any pre-heating. When several are installed they can also be individually turned on or off. Even a cold ambient temperature is not perceived as unpleasant due to the direct warmth people feel. Use our heating option to defy frosty seasons and cool evenings.
Extended outdoor season; year-round outdoor living
8 or 10 electrical, turnable infrared radiators (available in US edition)
Remote control can regulate 6 levels
1500 watts per radiator
Long-lasting »Ultra Low Glow« heating tube
With a turnable mount; can remain in closed parasol
OPTIONAL
External control unit with FI-switch and on/off switch for each individual electromechanical option

<b>7 Speakers</b>
Music is much more than just an acoustical backdrop. An installed »audio system« can create very different atmospheres, in which people can have a lively celebration or simply relax after work – depending on desire and mood.
Audio system integrated into the frame
Optionally with one or two speakers
OPTIONAL
External control unit with FI-switch and on/off switch for each individual electromechanical option



<b>8 TV</b>
Who likes sitting alone at home in front of the TV? Especially not when everyone is outdoors watching the same thing. The additional feature »TV« gives outdoor screening a community spirit with a great deal of fun.
Frame Modification
Stable, light-weight mount
Installation for 1 or 2 screens per parasol
Standard TV mounting console in parasol with VESA-Norm 200 for a maximum screen size of 42 inches (picture 8)
240 V power connection for 1 or 2 TVs on the mounting console (available in US edition – 120 V)
Network connection CAT 7 inside the electric crown unit
OPTIONAL
External control unit with FI-switch and on/off switch for each individual electromechanical option

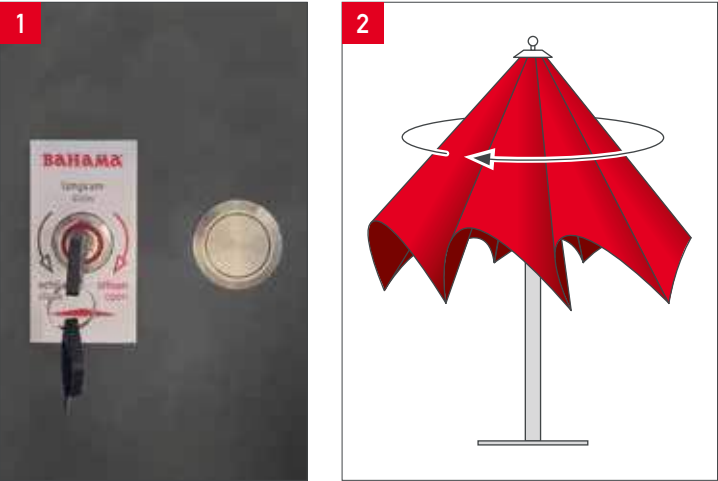
<b>9 Wifi</b>
These days it already seems a matter of course that customers are offered free public Wifi. Installing a »Wifi Network« is not merely providing an additional service, it also attracts and keeps customers.
Only possible in combination with LED-Lighting option
Internal CAT7 wiring
Integrated CAT7 RJ45 network interface to be connected inside the in-ground installation
Internal power supply of the 24V DC router
Wifi Outdoor Access Point TP-Link EAP110 mounted onto center pole via weatherproof case

# Handling

The models with dimensions up to a diameter of 10 m (round) or 9.3 x 9.3 m (square) are opened and closed using a hand crank with the aid of a reduction gear. All other sizes are generally motorized, but also have a hand crank. Anyone generally wanting to make life easier can also equip any smaller model size with a motor and avoid using a crank.

OPENING
· Insert the key and turn it to the right in the OPEN direction <b>1</b>
· Or: Insert the hand crank in the slot provided and turn it clockwise
CLOSING
· Insert the key and turn it to the left in the CLOSE direction <b>1</b>
· Or: Insert the hand crank in the slot provided and turn it counter-clockwise. Should you intend to keep the parasol closed for a longer period, attach the safety strap

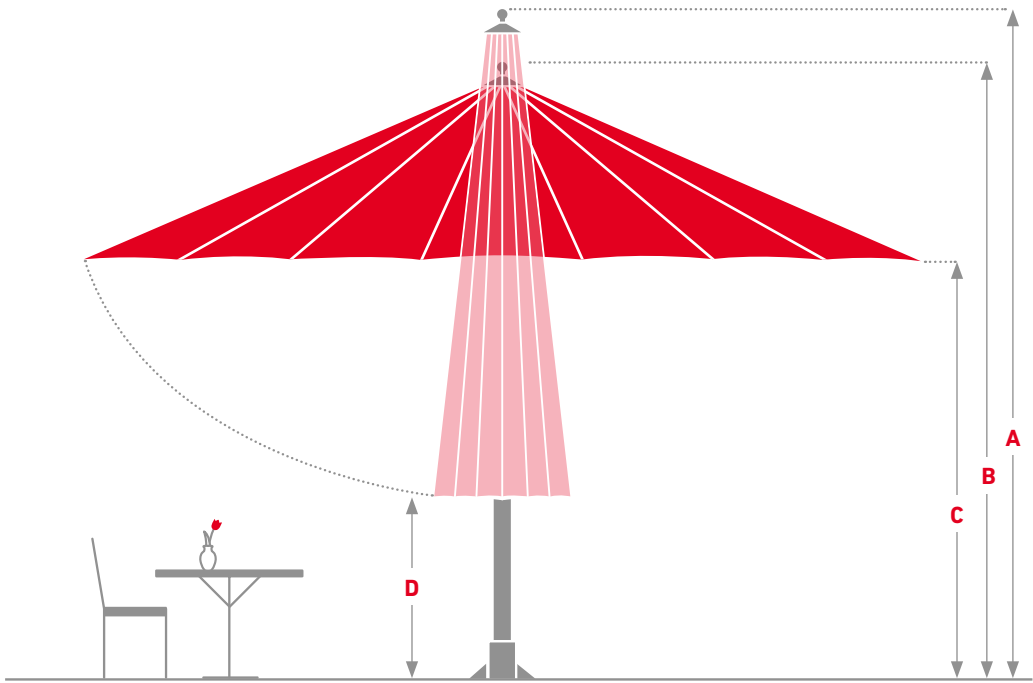
The excellent appearance and the technical features of the textile membrane can be maintained by adhering to the following closing procedures:
Always pull the tips of the fabric to the outside of a closed parasol
Do not store the parasol with any fabric stuck between the spokes and support spokes
Spirally wrap the fabric around the center pole <b>2</b>
Wrap the safety strap around the parasol to secure the fabric

















# Dimensions & Technical Data

## Magnum



						
	Ø 7.0 m 16 Spokes	Ø 8.0 m 16 Spokes	Ø 9.0 m 16 Spokes	Ø 10.0 m 16 Spokes	Ø 11.0 m 16 Spokes	Ø 12.0 m 16 Spokes
All measurements are approximate						
Area in m²	37	48	61	76	92	109
Parasol weight in kg	800	900	1,000	1,200	1,300	1,400
A Height closed in cm	640	659	713	735	785	840
B Height opened in cm	418	443	468	491	515	585
C Passage height in cm	258	264	267	268	272	295
D Ground clearance in cm	239	227	238	193	190	191
Max. permitted wind velocities fully opened parasol, km/h   Permanent	130	130	130	130	130	130

					
	7.0 × 7.0 m 16 Spokes	8.0 × 8.0 m 16 Spokes	9.3 × 9.3 m* 16 Spokes	10.0 × 10.0 m* 16 Spokes	12.0 × 12.0 m* 20 Spokes
All measurements are approximate					
Area in m²	49	64	84	97	140
Parasol weight in kg	900	1,000	1,100	1,300	1,550
A Height closed in cm	683	749	768	797	929
B Height opened in cm	451	484	508	519	595
C Passage height in cm	276	285	276	278	296
D Ground clearance in cm	162	157	156	134	124
Max. permitted wind velocities fully opened parasol, km/h   Permanent	130	130	130	130	130

 the LARGE-SIZE parasol

\* corners angled by 45°

# Good to know

**Made in Germany**  
Bahama's customers always refer back to the great importance of our German production facilities. »Made in Germany« is still a unique selling point and a reason to buy. Bahama's full range production facility is located in Germany.

The combination of the highest quality materials and structural features allows Bahama to guarantee the wind stability of its products, depending on the model, up to 130 km/h. In addition to the technical details of the parasol, it is especially the lightfastness of the fabrics' colors, the water-proofness and grammage as well as the water column of the textile membranes which make Bahama top of its class. Trust is placed in Bahama by luxury hotels such as the Burj Al Arab in Dubai, the Hotel Sacher in Vienna and the Dalí Museum in St. Petersburg, USA.

**UV-Protection**  
Analogous to the sun protection factor/SPF all textiles are labeled with the ultraviolet protection factor/UPF. Built into the fabric it protects against hazardous UV radiation. This material fulfills the requirements for UPF 50+, which indicates an »excellent« dermatological UV protection factor and allows less than one fiftieth (<2%) of the UV radiation through the textile membrane onto the skin.

**Service**  
Service greatly influences the life span of a parasol. The exchangeable textile membrane of a Bahama parasol can – after being exposed to all sorts of weather conditions for years – be cleaned or replaced. Our service makes a full technical and general overhaul of the product such that they not only look attractive, but can defy the strongest of winds.

No matter where you need Bahama's service, the Bahama team or one of our expert partners will be glad to help – worldwide.

- Careful and individual planning
- Installation of new parasols
- Fitting of new textile membranes
- Complete service i.e. assembling and disassembling the large parasols, washing, cleaning and maintenance of the frame and textile membranes
- Membrane service, i.e. fitting and removing the textile membrane, cleaning and repairing
- Technical trainings



Note: Subject to change without notice.



the LARGE-SIZE parasol 



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194223, Санкт-Петербург, пр. Мориса Тореза, дом 44, корпус 2, офис 29Н

Адреса складов:

Московская область, Солнечногорский район, дер. Голиково, Усковский проезд,  
строение 12г, транспортно-логистический комплекс Скиф-Карго (район Икея-Мега-Химки).  
Ленинградская область, Всеволожский район, внутренняя сторона КАД, 23 км, складской  
терминал "RAUM.Бугры" (район Икея-Мега-Парнас).

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