

**BAHAMA®**

Largo



## 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.

**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
- \* Parasol weight approx. 800 – 2,350 kg
- \* Depending on model opening and closing per crank or geared motor
- \* Easy handling
- \* Optimal fabric tension
- \* High-quality, technical components

Rock Solid...

**BAHAMA**<sup>®</sup>





# Product Information

## 1 Membrane | Covering

For the covering Bahama uses a brand fabric with 550 Dtex and PVC coating. Next to a high-quality appearance it fulfills a number of technical functions.

Polyester fabric 550 Dtex with PVC coating

Brand name Preconstraint 302

Perfect for permanently opened parasols

Heat-sealed segments, thus 100% waterproof

Fire retardant (DIN 4102-B1)

Grammage of approx. 480 g/m<sup>2</sup>

Fabric thickness 0.36 mm

Exceptional surface stability and tear resistance

Perfect tension without folds

Highest sun protection factor

Dirt-repellant and waterproof

Durable

High temperature resistance (-30°C/+70°C); (DIN EN 1876)

64 to 140\* cut-to-shape textile segments

16 to 20\* outer segments for the roof edge

### 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

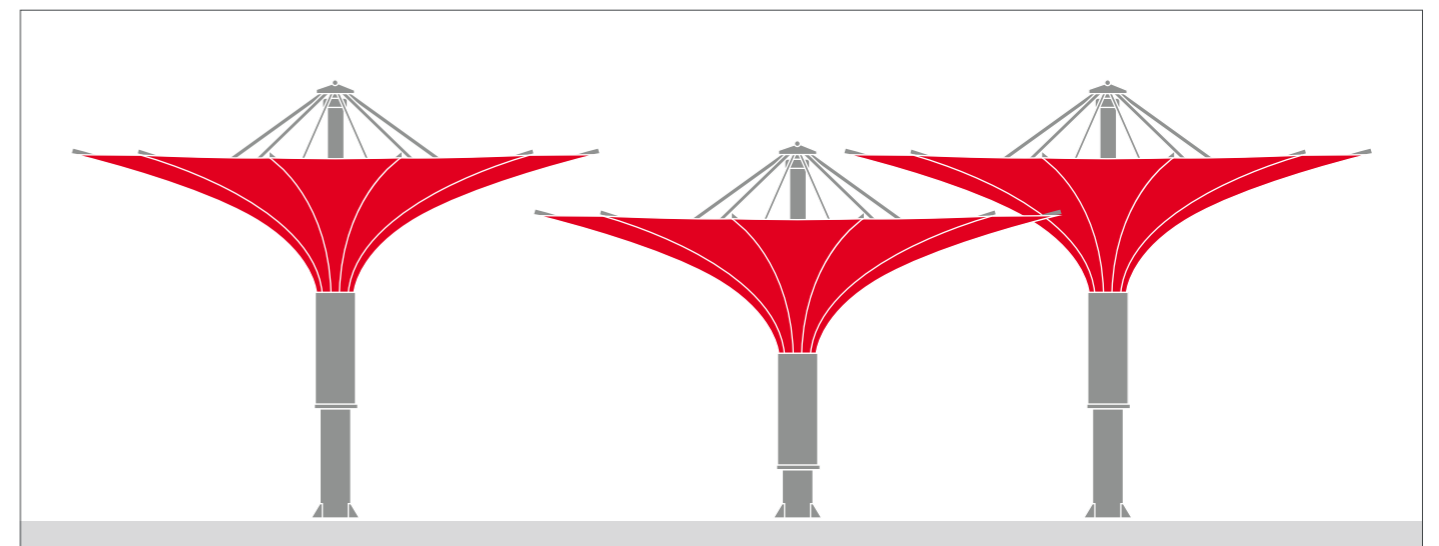
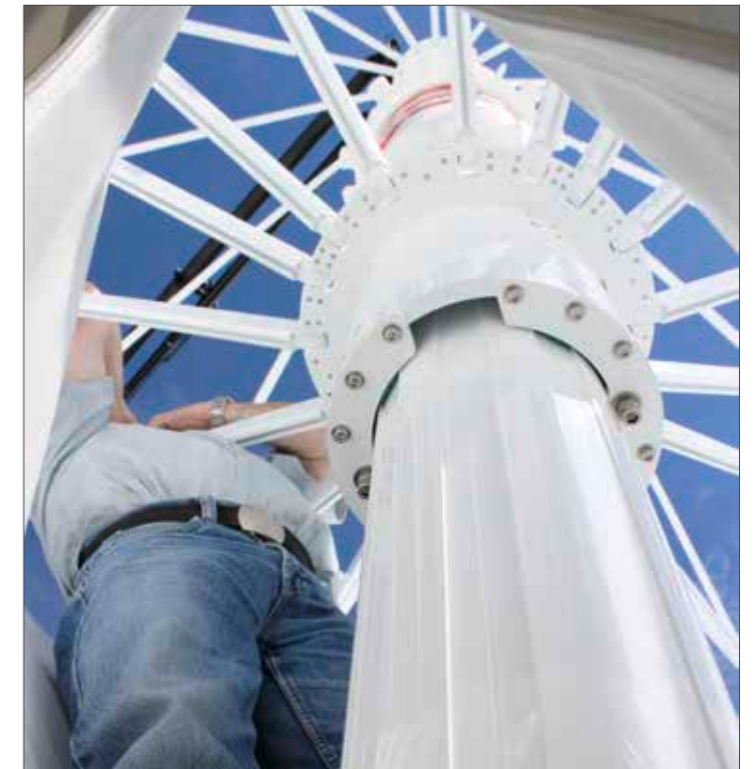
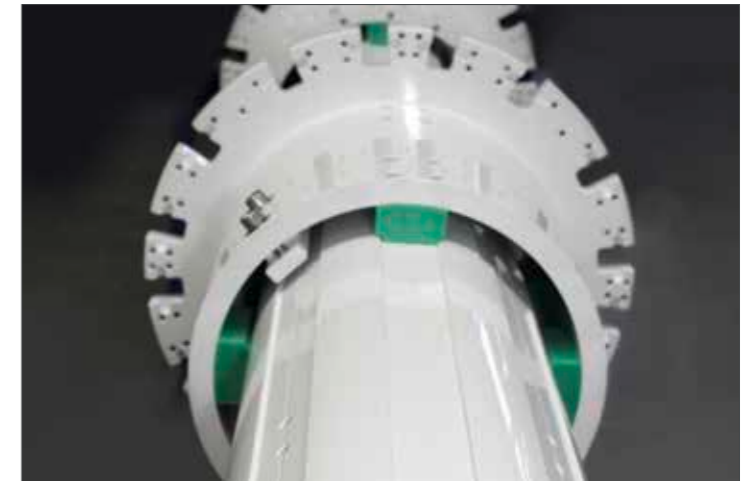
### Inner Pole

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

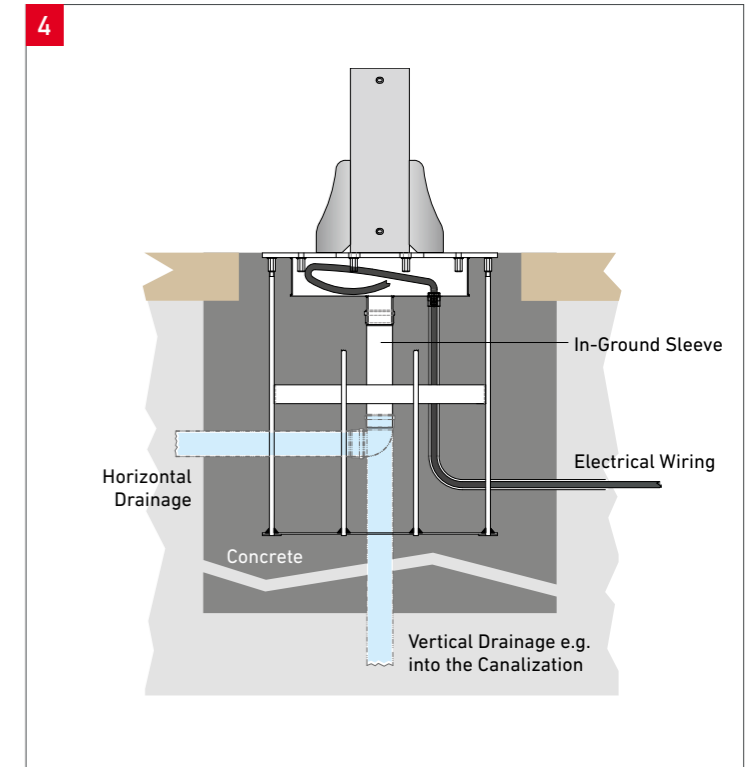
## 4 Installation

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.

Cost-effective energy saving lamps  
(16 or 32 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 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.

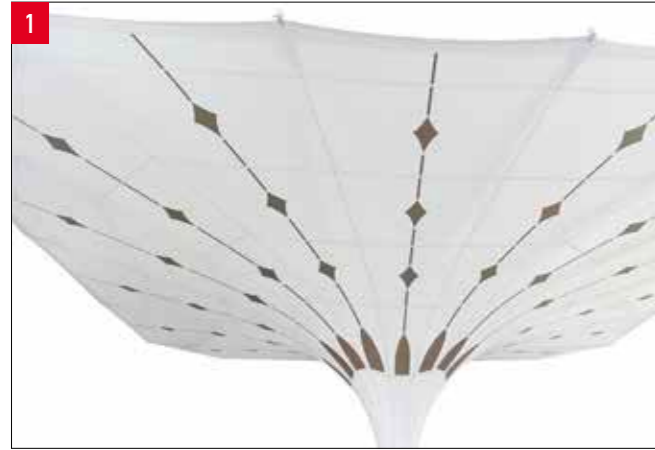


# Additional Features



## 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  $\varnothing$  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. To this end it includes – especially for winter or long-term storage – a robust protective cover of high-quality betex-fabric (betex®09) with PVC reinforcement, with cording and zipper.

## 4 LED-Lighting

The LED lamps are especially energy and cost saving

Remote controllable with a 7-channel remote control

Steady lighting: warm or cold white and 6 further standard colors

Programable altering of the 8 standard colors with numerous various shades

Individual color settings possible

IP Code 65

## 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)

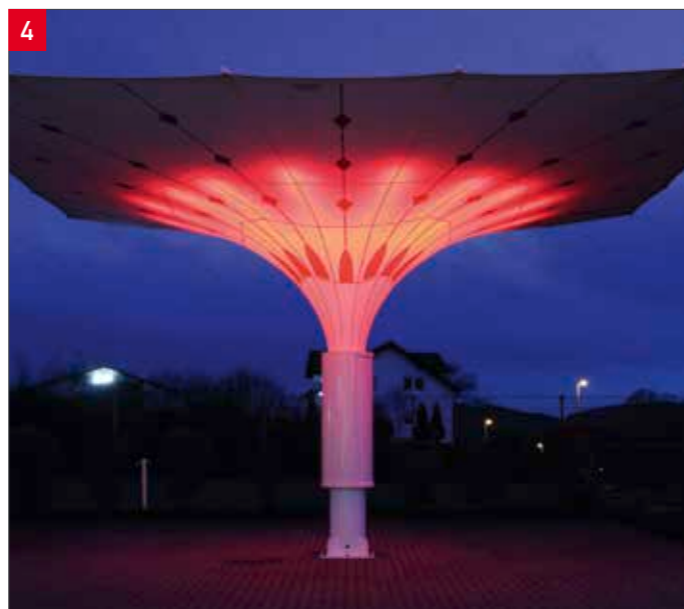
During a power loss hand crank can be used

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  $\varnothing$  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.

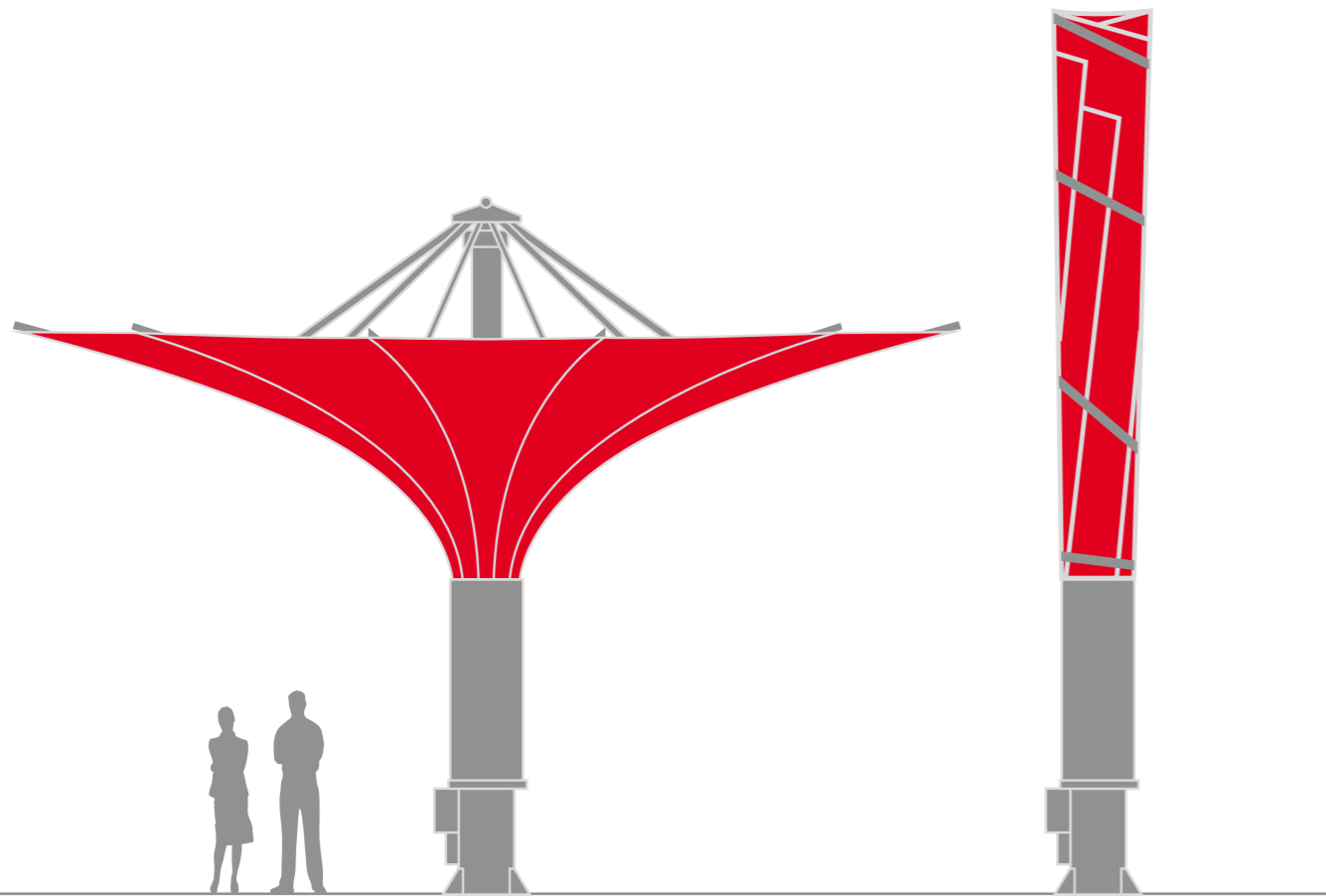
## CLOSING

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



	Ø 7.5 m	Ø 8.5 m	Ø 10.5 m	Ø 12.5 m
Area in m <sup>2</sup>	42.0	54.0	85.0	119.0

All measurements are approximate

	7.0 × 7.0 m	8.0 × 8.0 m	10.0 × 10.0 m	12.0 × 12.0 m
Area in m <sup>2</sup>	47.0	62.0	96.0	140.0

All measurements are approximate

# 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 waterproofness 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







01/2020

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