

AMALFI



CARAVITA®

Assembly and operating instructions

1 Foreword

Foreword

We are pleased that you have chosen our product. With the purchase of a CARAVITA product, you have decided on quality, which consists of the best materials and has been designed to meet the highest standards.

Read the instructions in this document carefully to set up the product safely. Be sure to observe the safety instructions listed and do not carry out any independent conversion work on the product.

Imprint

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2 Introduction

2.1 Notes on safety

For the safety of persons, it is important to follow the instructions. Failure to observe the instructions may result in personal injury and/or damage to property due to the function of the product. Non-observance releases the user from liability.



Warnings are marked with this or a similar symbol in the instructions.



- Read through the instructions before installing and using the product!

Observe safety, adjustment, operating and maintenance instructions!

- When passing on the product, give the instructions to the new owner!
Keep the instructions until the product is disposed of!

2.2 Notes on the target group and application of the instructions

Target group

The instructions are intended for persons who assemble, operate, maintain and/or service the product.

Activities concerning the electrical connection of the components may only be carried out by a qualified electrician.

For assembly, knowledge of occupational health and safety, accident prevention regulations, handling of ladders, insertion of fastening materials, commissioning and operation of the product must be available.

If one of these qualifications is not available, a competent installation company must be commissioned.

Content

This manual belongs to the following product:
Caravita Amalfi with optional motor

2.3 Explanation of the signal words



DANGER

Indicates an imminent hazard that will result in death or serious injury.



WARNING

Indicates a possible imminent danger that could lead to death or serious injury.



CAUTION

Indicates a possible imminent danger that could lead to minor injuries.



NOTE

Indicates a potentially imminent situation that could result in product or property damage.

2.4 Basic safety instructions

The listed safety instructions and warnings are intended to protect your health and to protect the product. The instructions must be read carefully and followed.

Damage caused by improper handling or by not following the instructions is not covered by the warranty. No liability is accepted for consequential damage!

General safety instructions **DANGER**



Danger to life and limb due to the umbrella falling over

The heavy weight of the umbrella can cause it to tip and fall over due to weather conditions or mechanical impact.

- Only use the umbrella for its intended purpose.

- In strong winds and thunderstorms, dismantle the umbrella or do not set it up.
- Do not climb on the umbrella.
- Do not leave children without supervision near the umbrella.
- Do not use the shade without a suitable stand.
- Do not leave the umbrella unattended.
- Only set up the umbrella when it is fully stretched.



DANGER

Fire hazard due to flying sparks

The fabric of the umbrella is flammable.



DANGER

Danger to life and limb due to lightning strike The

umbrella can become a lightning conductor.

- Never seek shelter under the umbrella during a thunderstorm.



DANGER

Danger of suffocation due to packaging material

Plastic films, polystyrene parts and small parts from the packaging can become dangerous toys for children.

- Keep children away from small parts.
- Do not leave packaging material lying around carelessly.



CAUTION

Risk of injury due to tipping

Carelessness can cause the umbrella to tip over with its heavy weight.

- 2 persons are always required for assembly.
- The stand must be designed with sufficient ballast to prevent the closed canopy from tipping over in strong winds.



WARNING

Risk of injury to uninvolved persons

If there are people within the opening radius of the canopy, they can be injured if they are not careful when opening the canopy.

- Before opening the canopy, make sure that no uninvolved persons are within the opening radius of the canopy.
- Always maintain visual contact with the canopy while it is opening.
- Only open the umbrella when there is no wind or the wind is only blowing lightly.
- The screen must not be opened by a higher-level control.

Operation

Operating a defective product can injure persons and/or damage adjacent parts. ► The product must only be operated when it is in perfect technical condition.

Assembly preparation

Improper installation may impair the safety, function and service life of the product. Persons may be injured and/or the product or adjacent parts may be damaged.

- The specified assembly steps and their sequence must be observed. ► The product may only be installed if it is in perfect technical condition.
- The mounting surface must be checked for load-bearing capacity before installation.

3 Information about the product

Product description

The Amalfi parasol is used for protection against direct sunlight and limited weather protection. The product is installed in a stainless steel base and, depending on the version, is operated via a crank cable winch or conveniently with a motor. The inclination of the canopy can be optionally levelled. The fabric of the canopy is made of easy-care and washable material. The shape of the canopy is available in different versions.

Technical data

The products are exclusively individual and custom-made. Dimensions and weight vary depending on the design of the model.

The exact details of the weight and size of the product can be taken from the order or delivery note.

3.1 Intended use

The following information applies to the following product:
Caravita Amalfi with optional motor

The product is an external sunshade that is used as summer heat and glare protection. The product is free-standing and serves to shade open spaces.

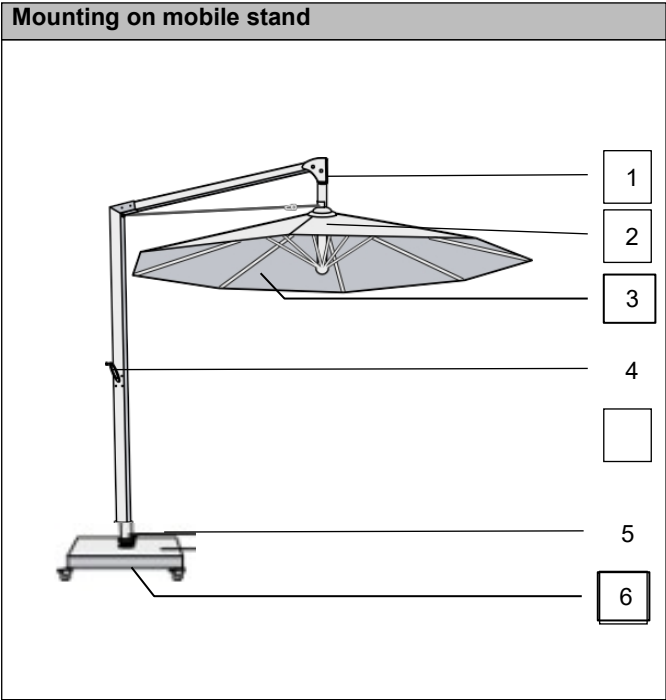
The product is to be used as sun protection and not as rain protection.

Misuse may result in significant hazards.

Additional loads on the product due to suspended objects or rope bracings can lead to damage or a fall and are therefore not permitted. Caravita is not liable for any damage resulting from this.

Intended use also includes observing these instructions and complying with the maintenance specifications contained therein.

3.2 Part designation



1	Mast with stainless steel pedal (optional) and crank mechanism
2	Cantilever with single head or levelable Head (optional)
3	Canopy
4	Crank
5	Stainless steel base
6	Mobile plate stand

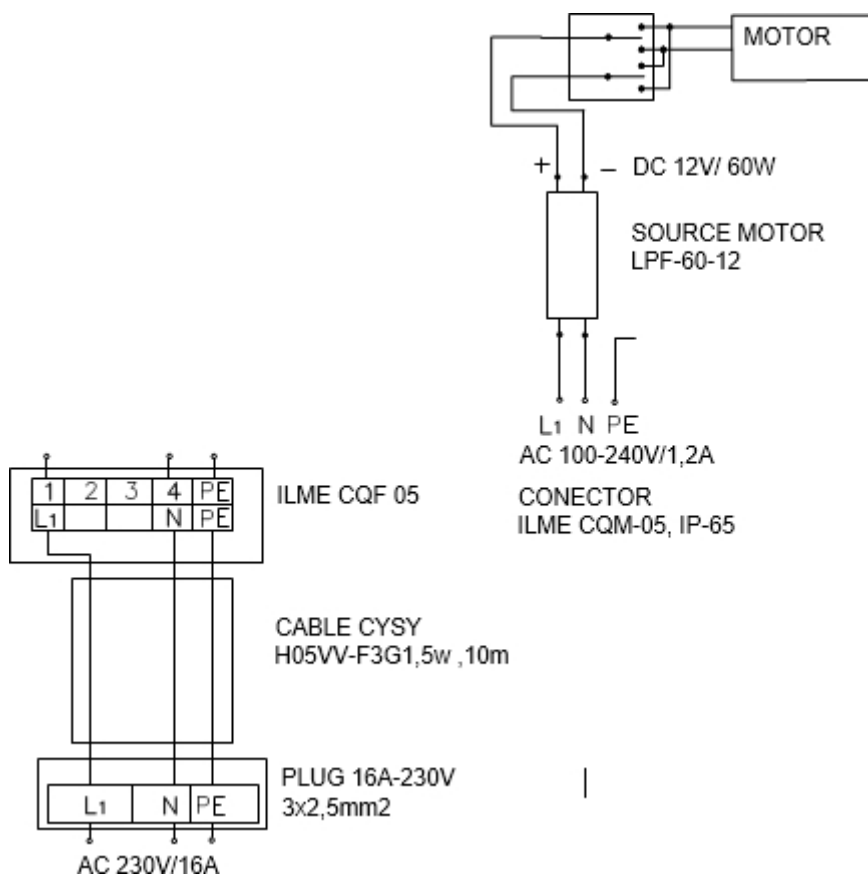
3.3 Data for electric drive

Parameter	Value
Power consumption	1,00 A
Rated voltage	230 V/50 Hz
Protection class	IP 44
Short-time duty (S2)	6 min.
Emission sound pressure level	LpA ≤ 70 dB(A)*

* With the standard installation of the product on the test stand, the noise emission level is < 70 dB(A). The value may deviate due to installation.

3.4 Electrical connection

Circuit diagram with motor operation



L1	Cable brown
N	Cable blue
PE	Earth cable yellow-green
Motor	LPF-60-12
Conector	ILME CQM-05, IP 65

4 Assembly



CAUTION

Risk of injury due to tipping during assembly

Tipping or dropping the product can cause serious injury.

- 2 persons are required to assemble and set up the product.
- Mount the product on a level surface.



NOTE

When installing several sunshades, a distance of at least 20 cm must be maintained between the individual sunshades.

We will be happy to answer questions about installation by e-mail or via our service hotline. The contact details are listed on the first and last page of this document.

4.1 Unpack product



DANGER

Danger of suffocation due to packaging material

Plastic films, polystyrene parts and small parts from the packaging can become dangerous toys for children.

- Keep children away from small parts.
- Do not leave packaging material lying around carelessly.



NOTE

The cardboard box is reused as a space-saving storage box for storing the umbrella.

- Do not cut or tear the box when unpacking.

Remove the umbrella from the packaging

- 1 Check the packaging for damage.
- 2 Carefully cut the adhesive tapes and the plastic straps with a knife without damaging the shade in the box.
- 3 Carefully unpack the umbrella and the individual parts.
- 4 Check the contents of the packaging for completeness and defects.



NOTE

In the event of obvious defects in the packaging or incompleteness of the delivery, the specialist dealer, the supplier or the manufacturer must be informed immediately in order to assert claims for damages and compensation.

- 5 Properly dispose of the remaining packaging material (polystyrene, plastic).

4.2 Transport product

The product can be transported easily and without any additional aids.

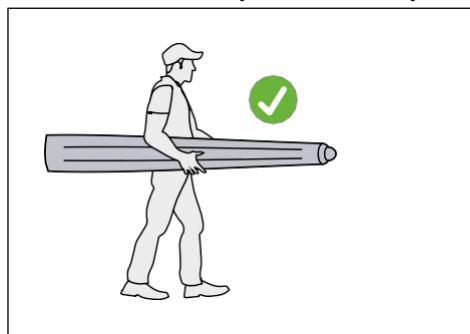


NOTE

Material damage due to cracks and bent struts

Careless transport can damage the canopy.

- Do not pull the canopy across the ground by the canopy cover or the protective cover.
- Do not carry the umbrella by individual umbrella struts.



Grasp the umbrella with both hands during transport

4.3 Scope of delivery

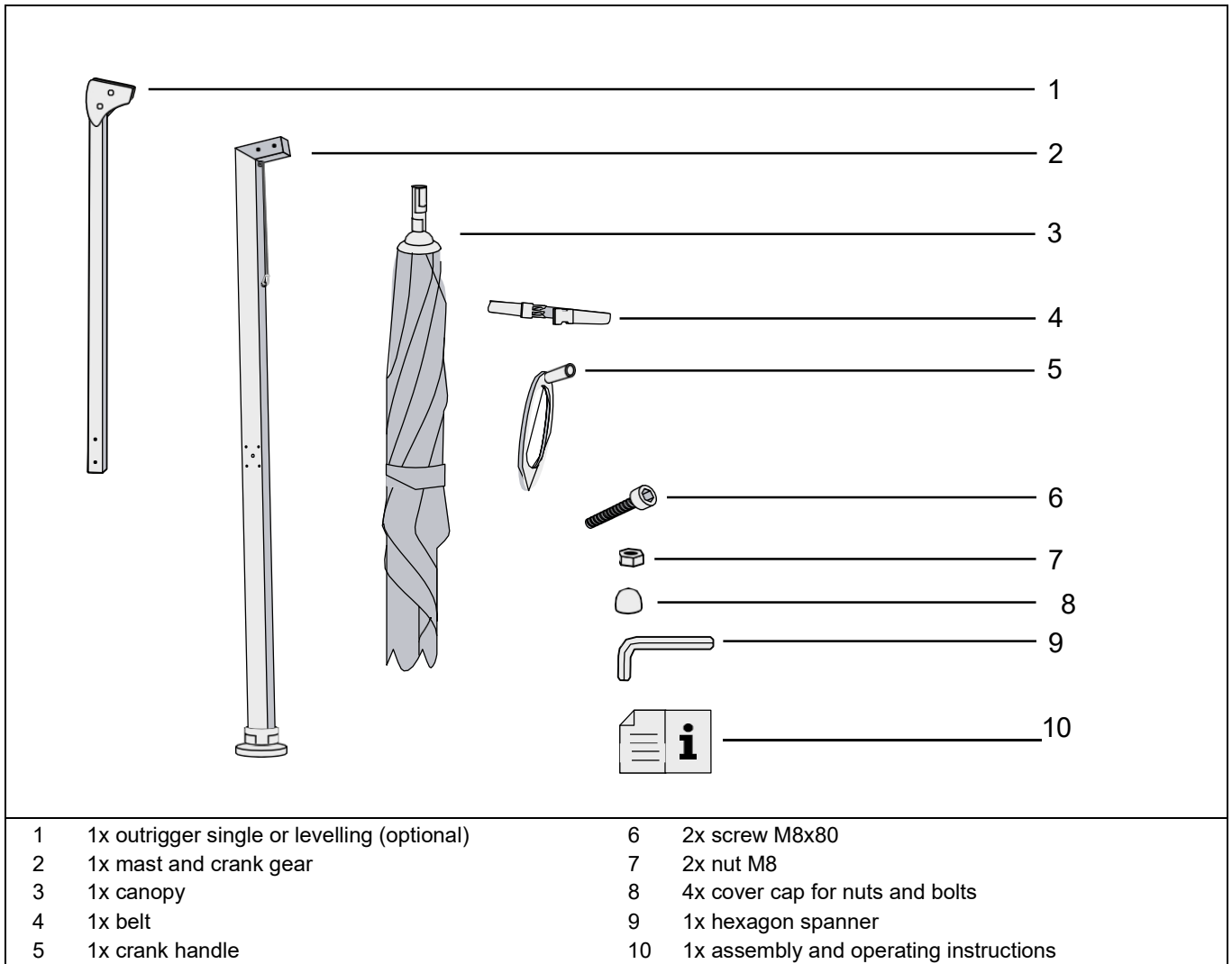


Fig. 1: Scope of delivery

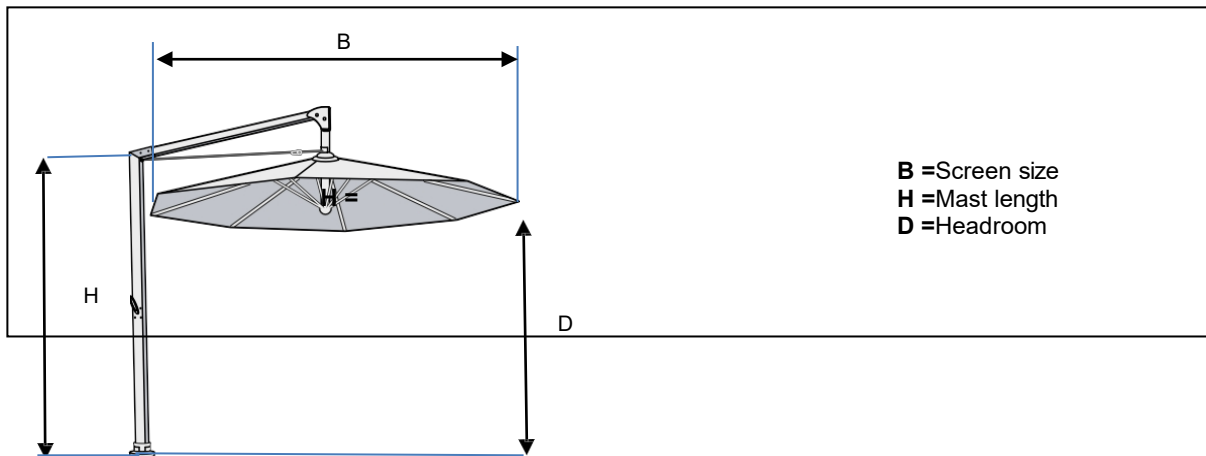


INFO

- Check the scope of delivery according to the delivery note! ■ Check that the parts are intact!
- Compare the situation on site with the order data!
- Interrupt assembly and contact CARAVITA if any parts are damaged or if the information does not correspond to the order!

4.4 Position of the product

The illustration shows an example of a shade with ground sockets and screw-on stand (optional):



Mounting types of the posts

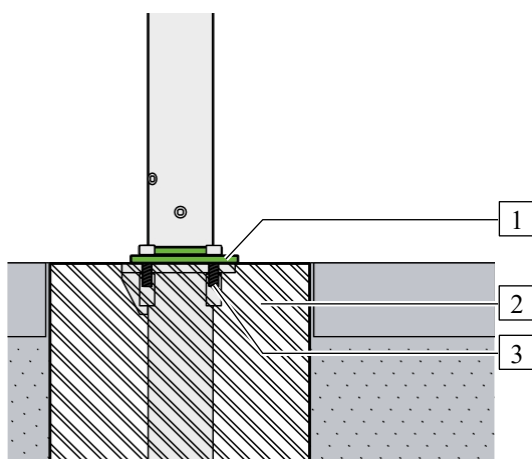


INFO

Observe the special features of the fastening types of the listed components and arrange for any necessary preparatory work.

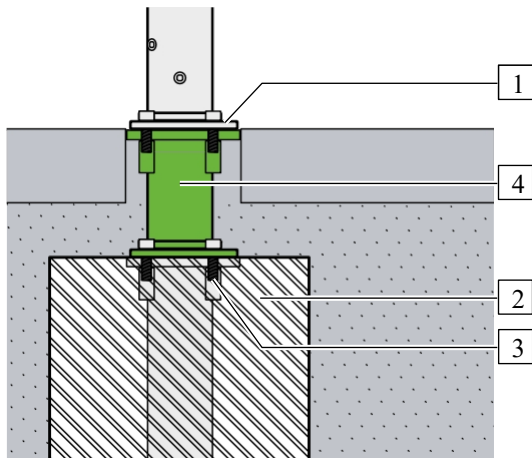
- ▶ Mast
- ▶ Ground sleeve if necessary
- ▶ Electrical connections, if applicable

Floor mounting directly on foundation [2]



The base plate [1] is fixed directly to the foundation [2] with suitable fixing material [3].

Floor mounting with distance extension [4].



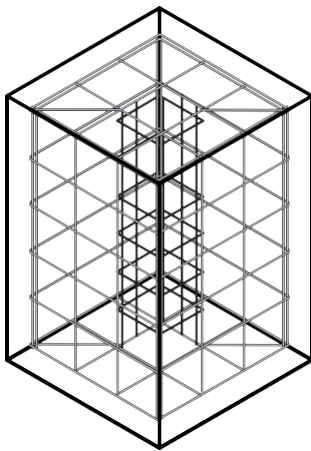
Fasten the distance extension [4] to the foundation [2] with suitable fastening material [3]. Fasten the base plate [1] to the distance extension [4].



INFO

- For the foundation, DIN 1045 and a frost-free foundation must be observed. The edge distances of the fastening points must be taken into account.
- The foundation for fixing the base plate or the spacer extension must have been cast in compliance with the processing guidelines.

4.5 Types of soil connection



INFO

- For the foundation, DIN 1045 and a frost-free foundation must be observed. The edge distances of the fastening points must be taken into account.
- The foundation for fixing the base plate must have been poured in compliance with the processing guidelines.
- The crank is always opposite the electrical connection.

4.6 Installing the ground socket with ground tank INFO

i The procedure of the ground connection used must be observed

Tie reinforcement

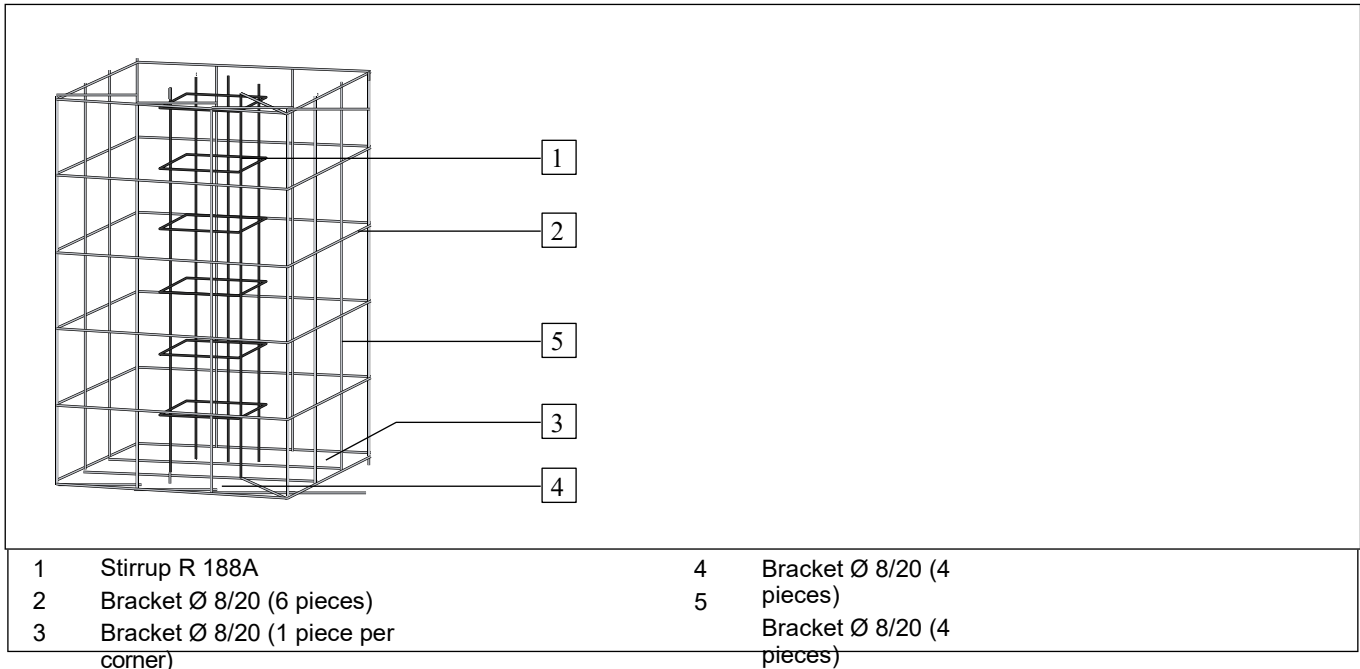
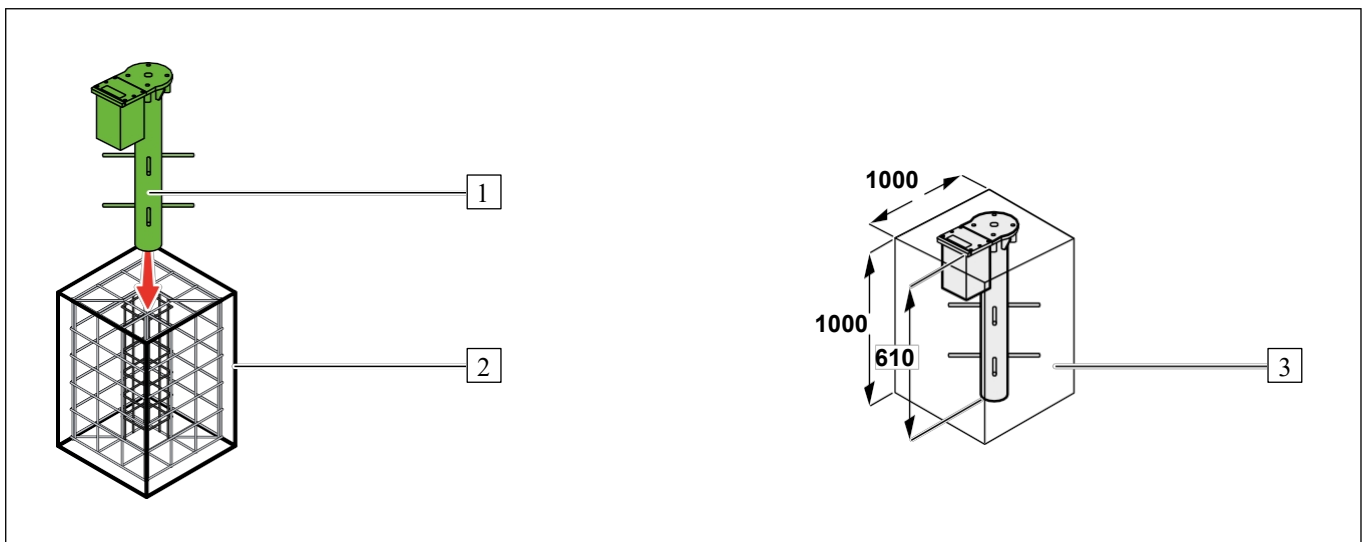


Fig. 2: Tying reinforcement

Concreting in ground socket with ground

i tank INFO Foundation for loose sand or gravel-sand soils: for sandy soils, further verification and possibly larger foundations are required.



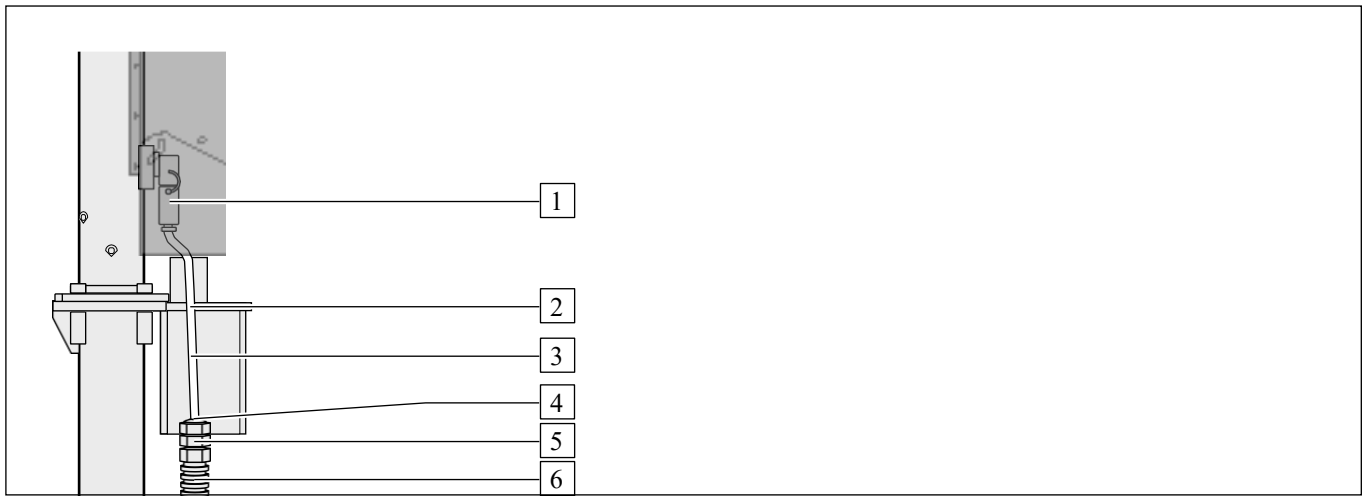
- 1 Ground socket
- 2 Reinforcement
- 3 Foundation hole

■ Dig foundation hole [3]!
 ■ Insert reinforcement [2] into foundation hole [3]!
 ■ Insert ground sleeve [1] into foundation hole [3]! The specified depth (800 mm) must be observed. ■ Pour foundation of at least concrete C20/25 and in compliance with the processing guidelines!

- Allow the foundation to set before further processing!

4.7 Lay underground cable for power supply

The following diagram shows the connection of the underground cable for the power supply to the ground tank:



- 1 ILME plug
- 2 Lid with seal
- 3 Earth cable, not included in delivery NYY-J 230 V / 3 x 2.5 mm² NYY-J 400 V / 5 x 2.5 mm²
- 4 Seal NG PGS 25M, not included in the scope of delivery
- 5 End cover SFD 25M/21, not included in the scope of delivery
- 6 Cable protection conduit WP (IP-67), not included in the scope of delivery

4.8 Assemble mobile stand

The product is difficult to move without additional aids due to the weights. To change the location, roller sets can be mounted or the product can be moved with a lift truck.

Mount plate stand Dublin **DANGER**



FROM ELECTRICITY

Electric shock due to damaged cables

When moving the panel stand with the power cable connected, these can be run over and damaged.

- Only use cables suitable for humid rooms.
- Protect cables from damage and crushing by means of protective devices.
- Disconnect the plug from all poles before moving the stand.
- Disconnect unused extension cables from the power supply.
- Keep cables away from children.
- Keep cables away from animals, liquids and snow.
- Do not overheat the cable.
- Do not use cables if they are wet.
- Do not wind, bend or pull on cables when they are in use.
- Only fasten cables with suitable fastening material.

WARNING



Crushing due to falling panels.

Fingers or feet can be crushed by heavy stone slabs, e.g. when tilting the umbrella stand.

- Always secure the umbrella stand when moving it.
- Do not reach under or into free spaces while moving.
- Do not place any limbs under the umbrella stand.
- Observe the weight limit for roller assembly of max. 320 kg total weight for stand and shade.

- Observe weight limit of max. 550 kg total weight for stand, shade and additional weights when mounting with floor levelling feet.
- Ensure that the path is trip-free.



WARNING

Crushing of limbs in umbrella parts.

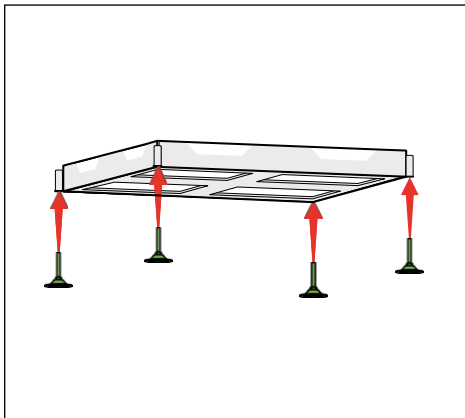
Fingers or feet can be crushed if they are caught between the castor and the stand or floor.

- As soon as the mobile stand has reached its final position, press in the roller lock.
- Observe the weight limit for roller assembly of max. 320 kg total weight for stand and shade.
- Observe weight limit of max. 550 kg total weight for stand, shade and additional weights when mounting with floor levelling feet.
- Ensure that the path is trip-free.

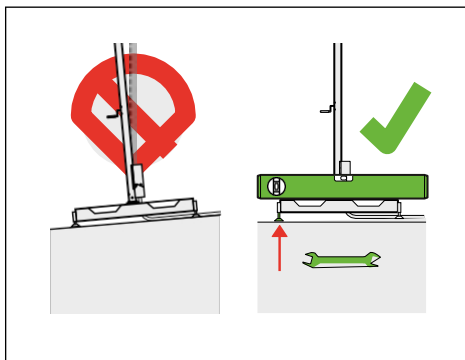


WARNING

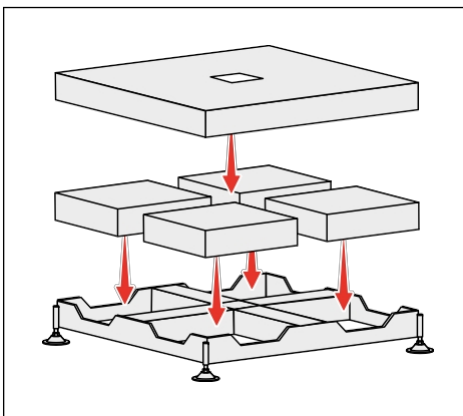
If mobile stands are connected and operated with a mobile cable, the cable must be suitable for damp locations and permanently protected from damage and crushing. In any case, the power supply must be disconnected at all poles by pulling the plug before moving the mobile stand.



- 1 Place the panel stand at the desired installation location and align it.
- 2 Screw in the 4 castors* or the 4 floor levelling feet and tighten them with the screws from the scope of delivery.



- 3 If floor levelling feet have been fitted, use them to ensure that the panel stand is level.



- 4 Insert the concrete slabs (to be provided by the customer) into the openings provided.
- 5 Put on cover for Dublin. (optional)

4.9 Set up and fasten the umbrella

Preparation

- For safety reasons, set up the umbrella with at least 2 people.
- Prepare the mobile stand or ground socket according to the manufacturer's instructions.
- The mobile stand must be designed with sufficient ballast.
- Provide a stand ladder.
- Have the stainless steel screws included in the delivery and the Allen key ready.



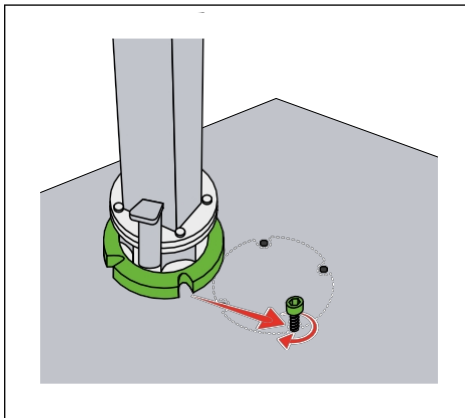
CAUTION

Personal injury or property damage due to swaying umbrella

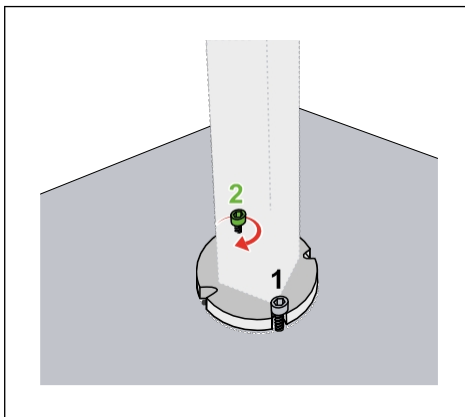
The umbrella is very large and therefore difficult to balance. This can cause injury to people or damage to objects.

Ensure that the installation environment is free of people and objects.

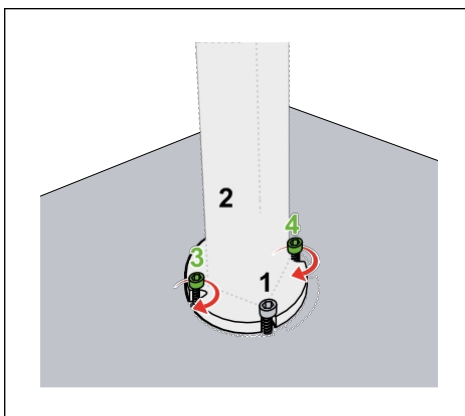
Mount the mast on the stand



- 1 Screw the M10x30 screw into the stand (12-15 mm).
- 2 Set the mast upright.
- 3 Slide the eyelet on the stainless steel base into the screw. ► The umbrella gains a slight hold.



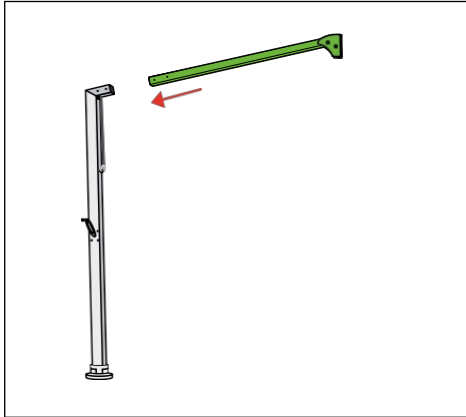
- 4 1 person fastens the 2nd M10x30 bolt while the 2nd person holds the mast.
► The shade has sufficient stability for further assembly.



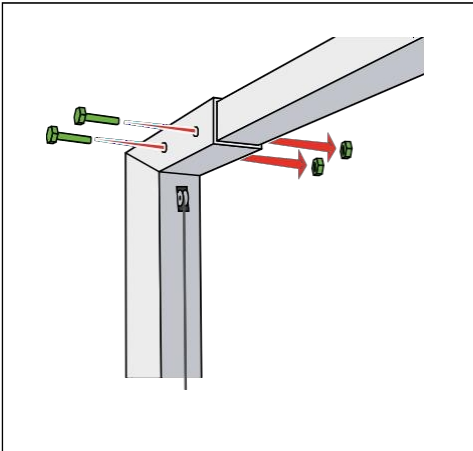
- 5 Screw the remaining screws into the remaining eyelets.
- 6 Tighten all 4 screws with the Allen key.

Mount outrigger

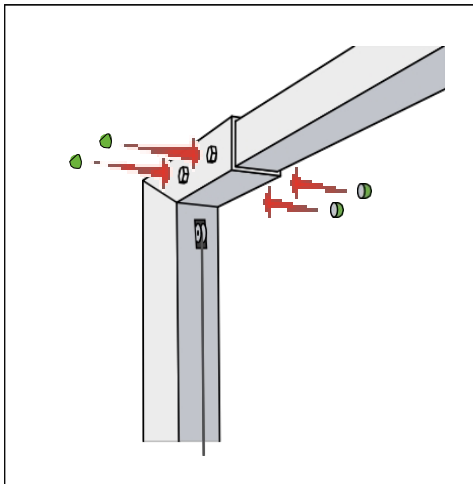
► The mast is mounted in the ground sleeve or in the mobile stand.



- 1 Set up and climb the standladder.
- 2 Push the boom into the mast.



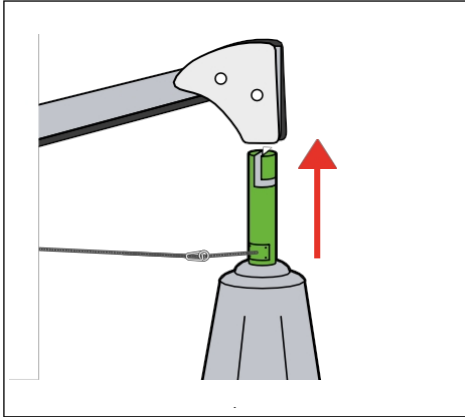
- 3 Insert the supplied M8x80 screws through the holes and tighten firmly.



- 4 Put the protective caps over the nuts and bolt heads.

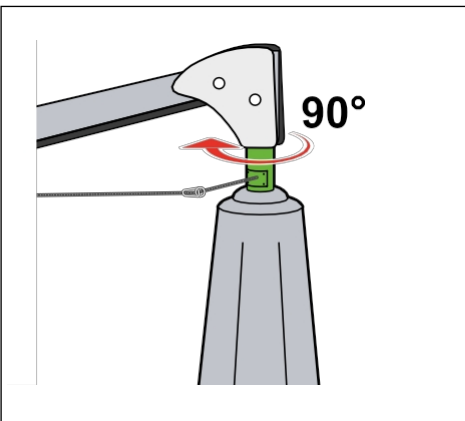
Hang up the canopy

- The boom and the mast are mounted in a stable manner.

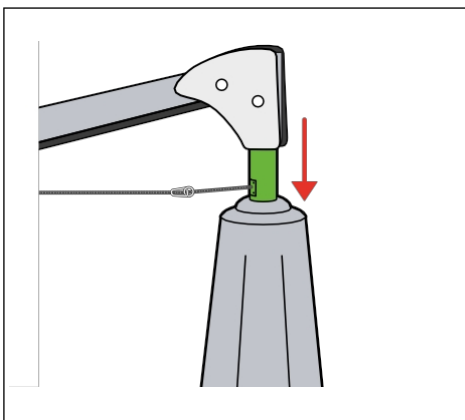


- 1 Lift the canopy with both hands at the bottom.

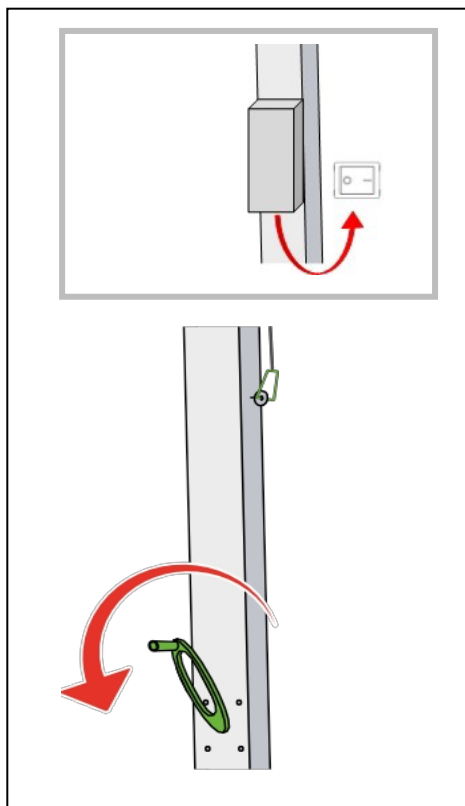
- 2 Insert the canopy into the boom with the bayonet adapter.



- 3 Turn the canopy 90°.



- 4 Lower the canopy. The bayonet adapter locks into place.



5 Turn the crank slightly anticlockwise.



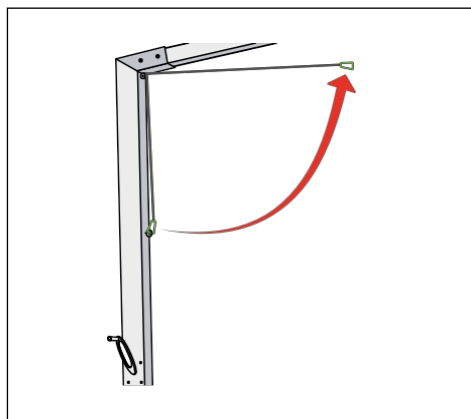
INFO

If the crank is turned too much, the steel cable can become entangled in the gear housing.

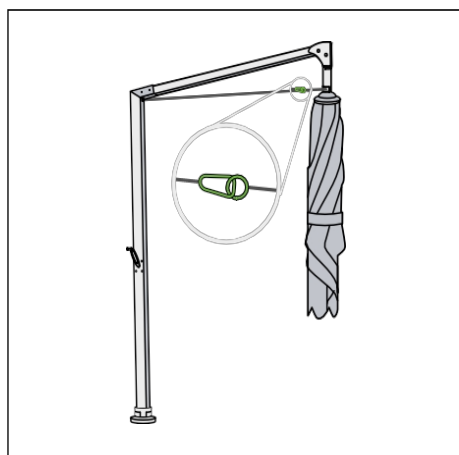
OR

If present, press the switch in the lower part of the box to start the electric motor.

► The steel cable is loosened.



6 Release the carabiner from the rope anchorage on the gearbox.



7 Fix the carabiner in the rope of the umbrella.

5 Commissioning



WARNING

Risk of injury due to improper use of the umbrella. Improper use may result in injury to persons.

- Do not reach into openings on the product during commissioning.
- Do not hang any foreign objects on the screen that are not explicitly mentioned in the instructions.
- Remove snow or other foreign matter.
- Close the canopy in case of high wind loads.
- Before opening the canopy, make sure that no uninvolved persons are within the opening radius of the canopy.
- Keep children away from controls.

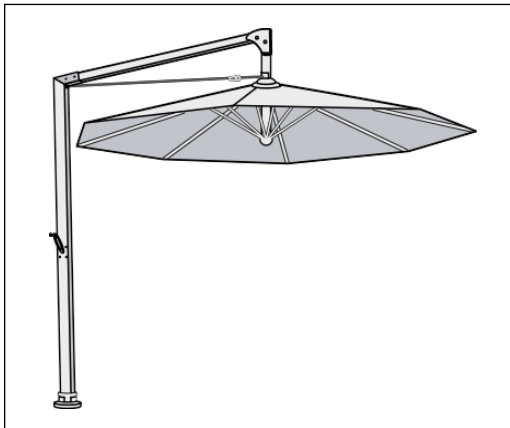


CAUTION

Material damage due to improper use of the umbrella.

The shade can be damaged by improper use.

- Do not light an open fire under the umbrella.
- Remove snow or other foreign matter.
- Close the canopy in case of high wind loads.
- Do not hang on the screen or other components.
- Umbrella can tip over if careless.
- Do not hang any foreign objects on the screen that are not explicitly mentioned in the instructions.
- Remove obstacles from the driving area.
- Do not open the screen by force.



- 1 Remove the protective cover.
- 2 Mount the outrigger.
- 3 Hang up the canopy.
- 4 Opening the [canopy](#), see chapter ["Opening the canopy", page 22](#)
- 5 Levelling the canopy (optional).
- 6 Close screen.
- 7 Take down the canopy.
- 8 Attach the protective cover.

6 Operation

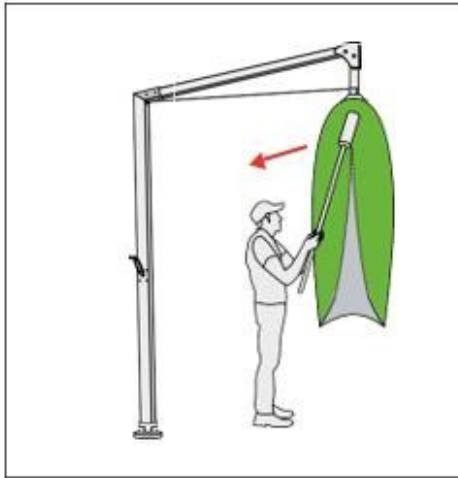


CAUTION

Danger of crushing due to carelessness when operating!

Persons in the driving area can be injured. ■ Keep the driving area clear of people!

■ Keep children away from controls!



Remove the protective cover.

- Using the telescopic [rod](#), see chapter: [Using the telescopic push rod \(optional\)](#).

6.1 Open canopy

The plastic nets attached to the struts serve to protect against transport damage. If the canopy is open, these can be carefully removed with a knife or scissors.



WARNING

Risk of injury to uninvolved persons

If there are people within the opening radius of the canopy, they can be injured if they are not careful when opening the canopy.

- Before opening the canopy, make sure that no uninvolved persons are within the opening radius of the canopy.
- Always maintain visual contact with the canopy while it is opening.
- Only open the umbrella when there is no wind or the wind is only blowing lightly.
- The screen must not be opened by a higher-level control.



INFO

When removing the plastic nets with scissors or a knife, do not damage the fabric of the canopy.

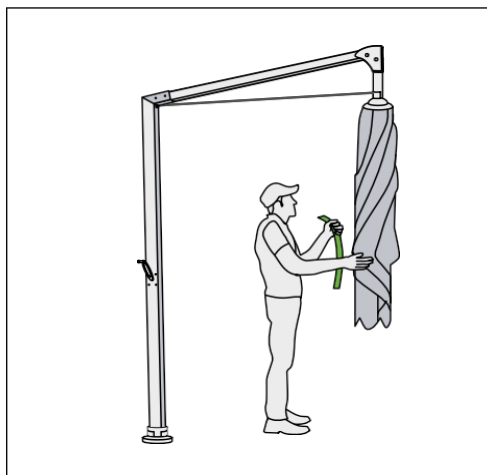


NOTE

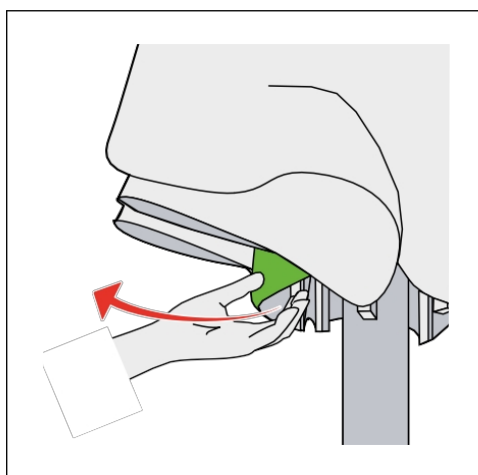
Material damage due to incorrect pulling apart of the struts

- If the shade cannot be opened or closed without problems, call our service hotline or solve the problem via the chapter [see chapter 9/page 24](#).

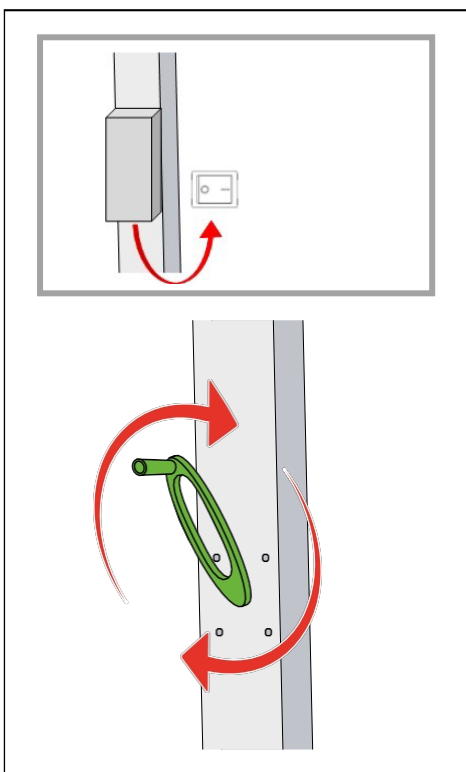
- The shade is securely fastened in the ground sleeve or mobile stand.



- 1 Remove the strap from the canopy.



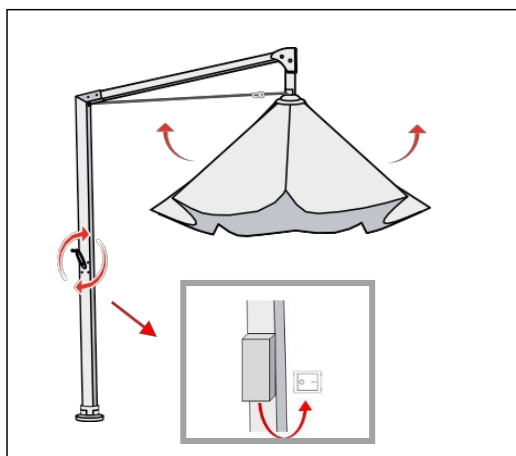
- 2 Pull the struts slightly outwards. ► The struts are loosened.



- 3 Insert the crank into the device on the mast.

OR

If present, print the switch in the lower part of the box to activate the
Close the canopy.

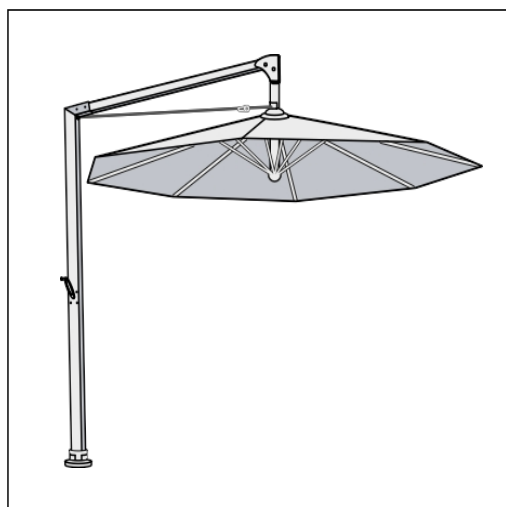


- 4 Turn the crank clockwise until the cloth is slightly taut.

■ The canopy opens.

OR

Hold the switch on the box until the canopy is open.



- 5 Turn the crank as far as it will go.



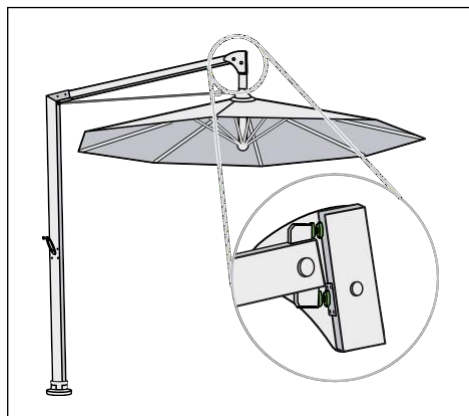
INFO

If the crank is turned further than the stop, the gearbox may be damaged.

- 6 Remove the crank from the mast and store it in a safe place.

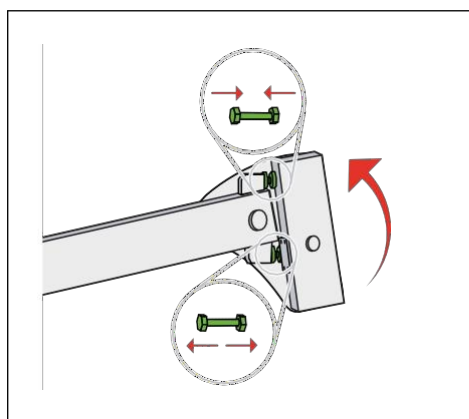
6.2 Levelling the canopy (optional)

The canopy can be levelled. The mechanism is not intended for tilting the canopy. The roof inclination is regulated by two adjusting screws, which are located behind the panels at the upper end of the boom.



► The canopy is hooked in.

Tilt the canopy outwards



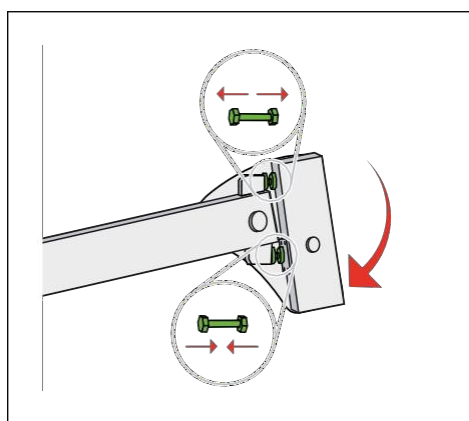
- 1 Loosen the lock nut of the upper screw.
- 2 Screw in the upper screw until the desired inclination is reached. ► The upper screw is in contact with the mast head.
- 3 Tighten the loosened lock nut. ► The upper screw is fixed.
- 4 Unscrew the lower screw until it rests against the boom.



INFO

Both screws must be in contact with the boom. The mechanism must no longer wobble.

Tilt the canopy inwards



- 1 Loosen the lock nut of the lower screw.
- 2 Screw in the lower screw until the desired inclination is reached. ► The lower screw is in contact with the mast head.
- 3 Tighten the loosened lock nut. ► The lower screw is fixed.
- 4 Unscrew the upper screw until it rests against the boom.



INFO

Both screws must be in contact with the boom. The mechanism must no longer wobble.

6.3 Close canopy



CAUTION

Risk of injury due to tipping

Carelessness can cause the umbrella to tip over with its heavy weight.

- 2 persons are always required for assembly.
- The stand must be designed with sufficient ballast to prevent the closed canopy from tipping over in strong winds.

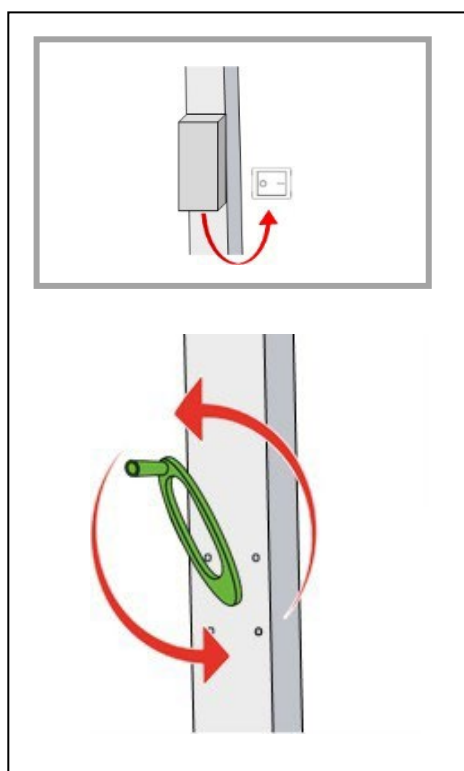


NOTE

Material damage due to rubbing of the umbrella cloth

Permanent flapping in the wind can damage the shade cloth by rubbing against the struts. No claims for damages can be made for this.

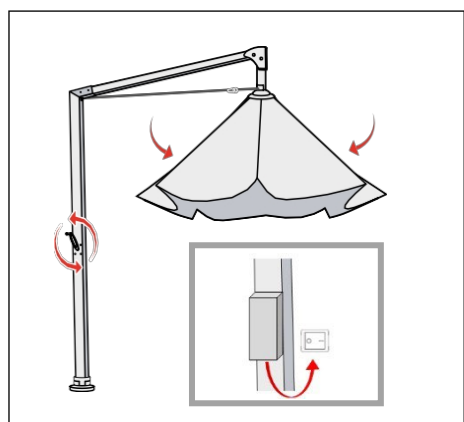
- Always secure the closed canopy with the strap.



- 1 Insert the crank into the device of the mast.

OR

If present, press the switch in the lower part of the box to start the electric motor.



- 2 Turn the crank anticlockwise until the screen is almost closed.

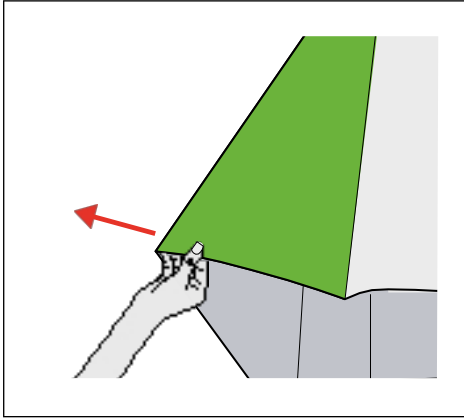


INFO

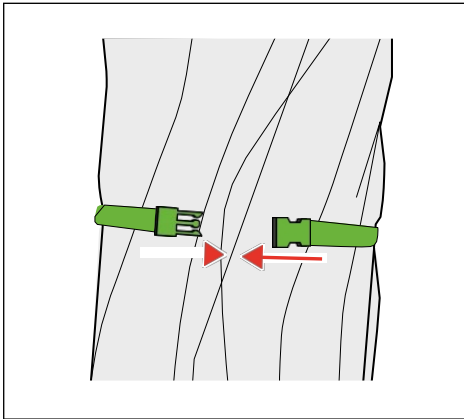
The crank can only be turned when the rope is under tension.

OR

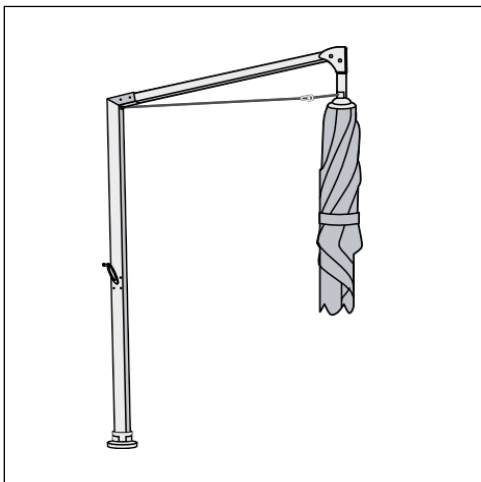
Hold the switch on the box until the canopy is closed.



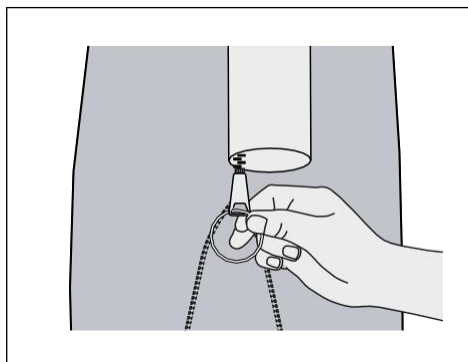
- 3 Pull the cloth out from between the struts to avoid pinching or damaging the cloth.



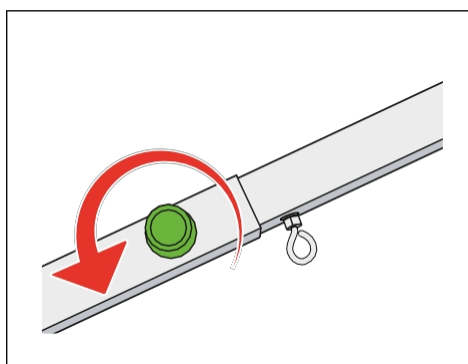
- 4 Secure the closed canopy with the webbing.



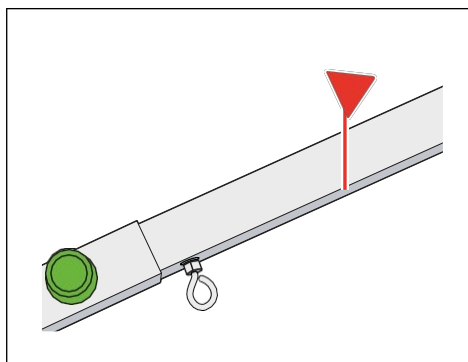
6.4 Using the telescopic push rod (optional)



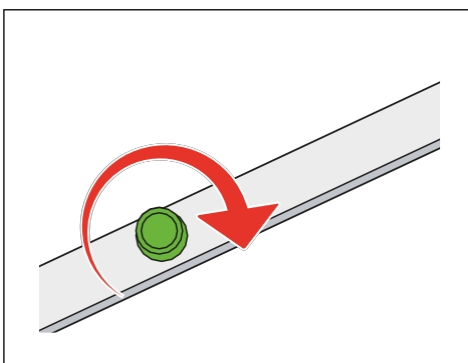
- 1 Attach the key ring to the zip of the protective cover.



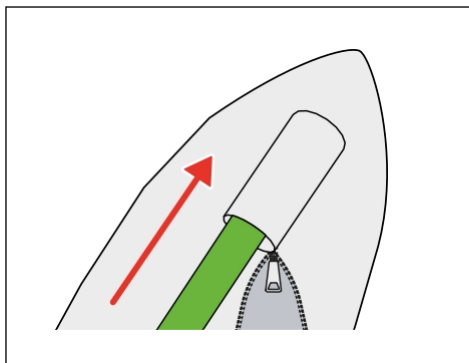
- 2 Open the knurled screw on the telescopic push rod.



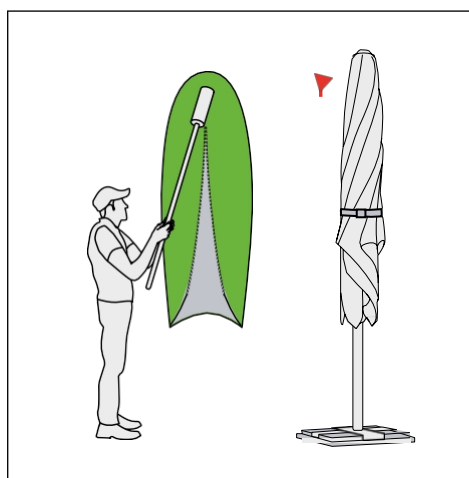
- 3 Pull up the telescopic push rod to the required length.



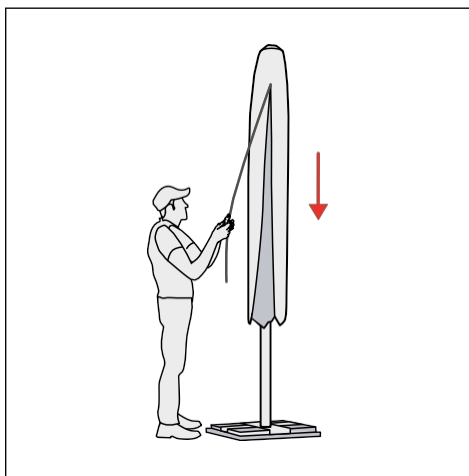
- 4 Tighten the knurled screw on the telescopic push rod.



- 1 Insert the telescopic push rod into the pocket of the protective cover.

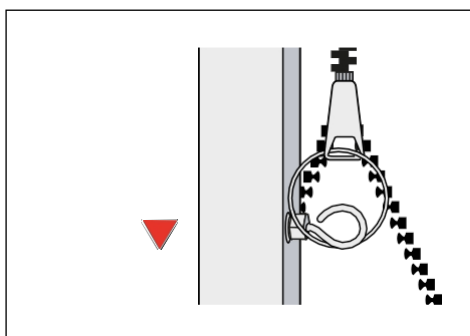


- 2 Lift the protective cover over the umbrella with the telescopic push rod.



- 3 Close the zip.

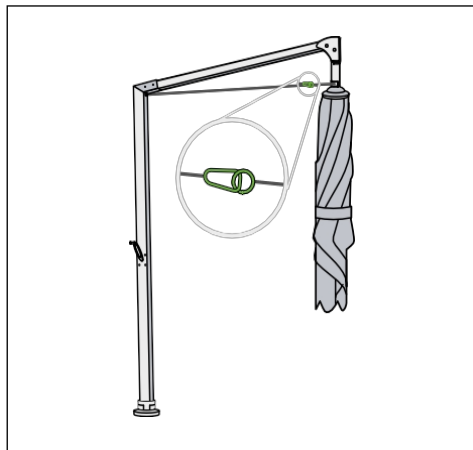
- 4 Loosen the ring screw of the telescopic push rod in the key ring on the zip of the protective cover.



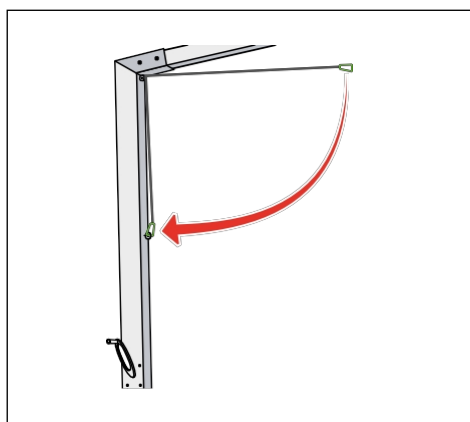
6.5 Lower canopy

- The canopy is closed and secured with the strap.

- 1 Use the snap hook to separate the rope from the canopy.



- 2 Attach the rope to the eyebolt of the gearbox housing.



- 3 Crank up the rope.

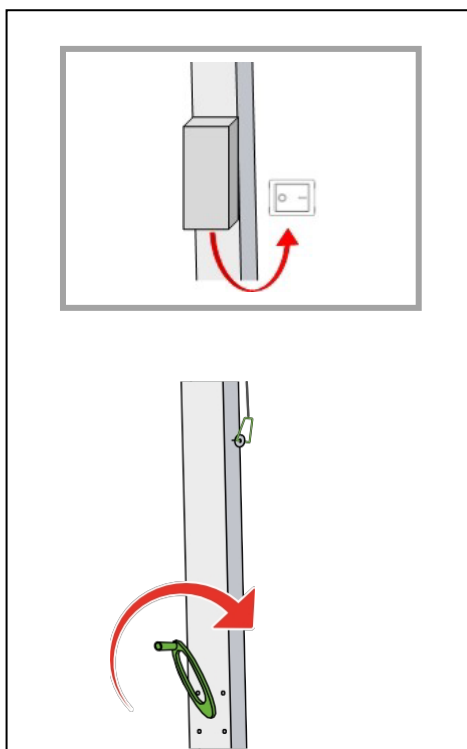


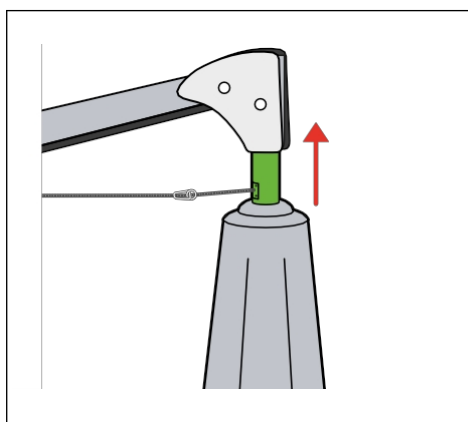
INFO

The crank can only be turned when the rope is under tension

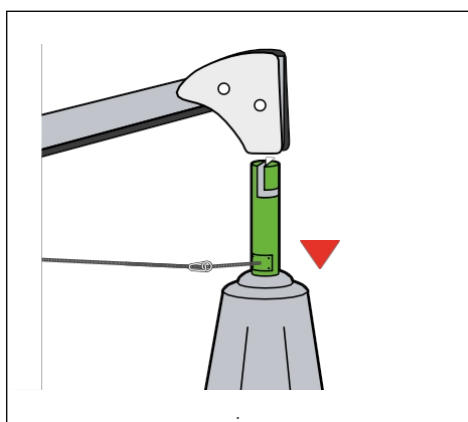
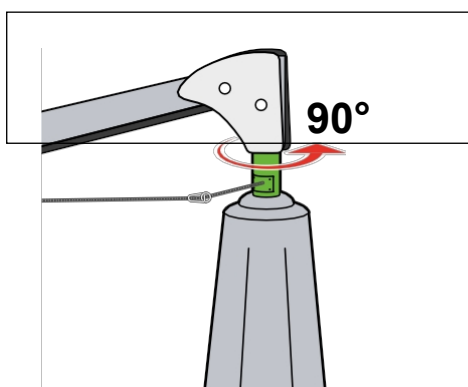
OR

If present, press the switch in the lower part of the box to start the electric motor.





- 4 Lift the canopy and turn it 90° anticlockwise.



- 5 Remove the canopy from the lift using the bayonet adapters.



INFO

The rope must be taut.

- 6 Attach the rope to the eyebolt of the gearbox housing.
- 7 Crank up the rope.

Disassembly

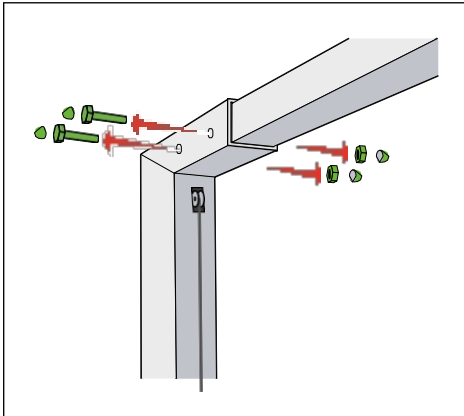
7 Disassembly

During the season, the boom with the mast can remain installed outdoors without hesitation. At the end of the season or if required, the mast and boom are dismantled and stored. Dismantling is carried out in the reverse order to assembly.

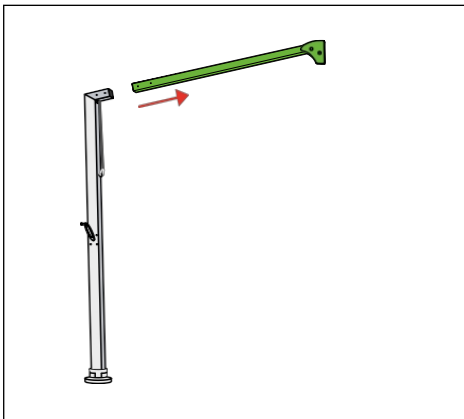


INFO

It is recommended not to leave the mast without the boom in the stand or ground sleeve. Water can get into the gearbox through the opening of the mast tube.



- 1 Loosen the screws and store them in a container.



- 2 Pull out the extension arm.
- 3 Pull the mast out of the stand or ground sleeve.
- 4 Keep the mast and boom in a safe, protected place.

8 Maintenance and care

Umbrella cloth

**NOTE**

Material damage to the canopy fabric due to incorrect cleaning and cleaning agents

The acrylic fabric of the canopy is impregnated and requires special cleaning and detergents.

- Always wash the shade cloth in cold water.
- Do not use a high-pressure cleaner to clean the canopy.
- Avoid strong friction during cleaning, e.g. with hard brushes or sponges.

Clean umbrella cloth

- Remove fallen leaves (foliage) immediately if possible (starting point for microbial infestation).
- Brush out the dirt dry at regular intervals.
- Treat light stains with lukewarm water and a soft brush.
- Treat stubborn stains by hand washing with a little commercial mild detergent, rinse well with clear water, allow to dry and re-treat with impregnating agent.

Boom and mast

Clean and maintain the boom and mast

- Wash the surfaces with a gentle detergent.
- Refresh the stainless steel parts with commercially available stainless steel polish.
- For corrosion protection, use joints and rollers with spray oil or silicone spray at regular intervals.

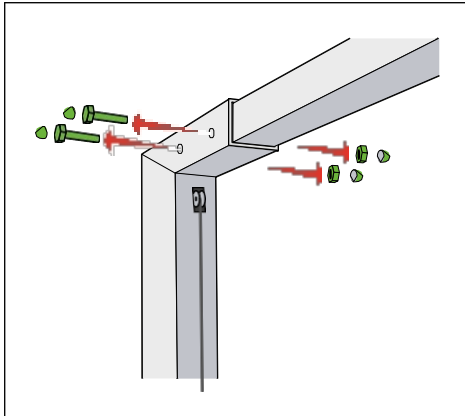
9 Disassembly

During the season, the boom with the mast can remain installed outdoors without hesitation. At the end of the season or if required, the mast and boom are dismantled and stored. Dismantling is carried out in the reverse order to assembly.

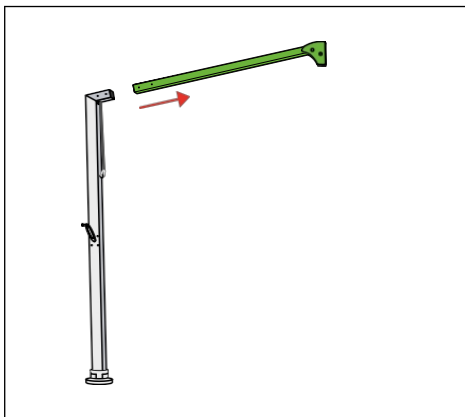


INFO

It is recommended not to leave the mast without the boom in the stand or ground sleeve. Water can get into the gearbox through the opening of the mast tube.



5 Loosen the screws and store them in a container.



6 Pull out the extension arm.

7 Pull the mast out of the stand or ground sleeve.

8 Keep the mast and boom in a safe, protected place.

10 Storage

**NOTE**

Material damage due to rubbing of the umbrella cloth

Permanent flapping in the wind can damage the shade cloth by rubbing against the struts. No claims for damages can be made for this.

- Always secure the closed canopy with the strap.

**NOTE**

Property damage due to mould

If the protective cover is pulled over the damp cloth, mould will form.

- Only cover the protective cover when the cloth is completely dry.

The umbrella can be stored outdoors and in a protected, dry room. The following applies to both options:

- Secure the canopy with webbing.
- Allow the cloth to dry completely for storage.
- Put on the protective cover.

Outdoor storage**CAUTION**

Risk of injury due to tipping

Carelessness and strong winds can cause the umbrella to tip over with its heavy weight.

- The mobile stand must be designed with sufficient ballast to prevent the closed umbrella from tipping over.

Storage in dry room

The following applies to storage in a dry room:

- Pack the umbrella in the box in which it was delivered.
- Store the umbrella horizontally in a dry room.

11 Troubleshooting

In case of malfunctions of the screen that cannot be remedied with the help of the following instructions, please contact us via our service hotline. You will find the contact details on the first and last page of this manual.

The following malfunctions can occur when using the screen:

Problem	Cause	Remedy
The canopy can no longer be opened or closed.	The rope is loose and has become knotted in the housing.	■ Pull out the rope by hand in one strong pull and at the same time turn the crank to the left. Do not turn the crank with too much force. ■ If the knot of the rope cannot be untied, remove the gearbox. ■ When the canopy is open: Close the canopy and loosen the struts. The struts must not be pointing inwards. Loosen the canopy struts again.
The crank cannot be turned.	The rope is too loose and without tension.	■ Grasp the rope above the gear with one hand and pull it out while turning the crank with the other hand.
An initial resistance when turning (left) the crank.	The gearbox locks.	■ Continue to turn the crank vigorously.
The canopy jumps down slightly when opened.	Tangles of the rope lie on top of each other in the gearbox and slip off.	■ This cause has no effect on the function of the screen.
Motor does not start (230 V).	■ Hand-held transmitter battery is too weak. ■ Plug connections not optimal. ■ Thermal protection motor too warm.	■ Change the hand-held transmitter battery. ■ Check plug connections. ■ Wait 20 min. ■ Checking the building security.



NOTE

If a fault is not listed or you are unsure, contact a specialist dealer.

12 **Warranty conditions**

The following warranty conditions apply:

www.caravita.eu/warranty



13 **Other notes**

Please observe the general safety instructions:

www.caravita.eu/notes





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