

markilux folding-arm awnings



overview

markilux cassette awnings

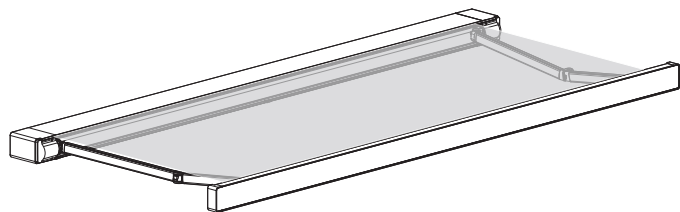


Fig.: example markilux 970

markilux semi-cassette awnings

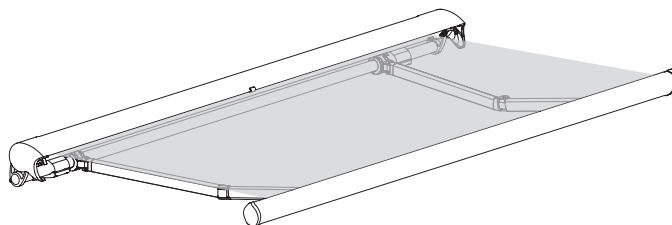


Fig.: example markilux 1600

markilux open awnings

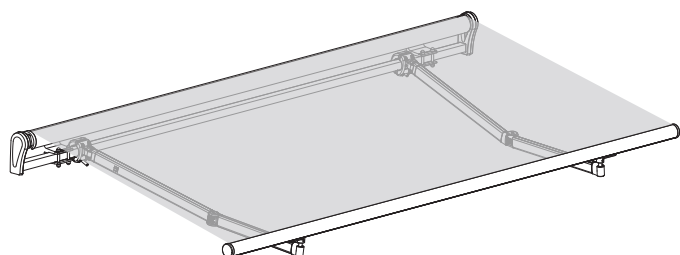


Fig.: example markilux 1300

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Read the operating instructions and all the documentation pertaining to the product ("handover protocol", "important guidelines", etc.) carefully and completely before using the product.

For awnings with a controller, the automatic control is to be switched off beforehand and the wind sensor secured by disconnecting the power supply!

The work described here may only be carried out by a trained markilux specialist company. These "inspection and maintenance instructions" does not replace the enclosed markilux original instructions and the associated documents for the motors and controls. It is merely intended to promote understanding of the product functionality. The instructions contained in the original instructions must be adhered to and observed. We reserve the right to make technical alterations without giving prior notice. Up-to-date technical data can be found in the restricted area under "Information for Specialist Dealers" at www.markilux.com.

Inspection and maintenance contract

markilux folding-arm awnings

markilux awnings stand for quality and durability. Regular inspection and maintenance make a significant contribution to extend the useful life of your markilux awning. The markilux specialist company checks the state of the awning to detect possible causes of a fault or wear at an early stage. Negative consequences can be avoided or delayed. Regular care means an attractive appearance and a contribution to value preservation in the long run. How often cleaning and inspection is necessary greatly depends on the utilisation intensity and the environmental influences.

Between

Name

Address

City, Postcode

Telephone

E-mail

Principal

Contractor (markilux specialist company)

an inspection and maintenance contract for the following awning(s) is concluded:

Awning model(s)

Serial no.*

Size

Location

Special features

*see number on the cover sheet of the operating instructions or manufacturer label on the awning

§ 1 Contractual item

Contractual item is the inspection and maintenance of the awning(s) to the extent of the agreed services.

§ 2 Scope of service

The following services are subject of this contract (also see check list and inspection and maintenance instructions):

1. and 2. Visual check
3. Check of the awning cover, the valance and the shadeplus cover
4. Check of the attachments
5. Functional test of the awning incl. motor or crank operation
6. Check of the closing behaviour and the pitch
7. Check of the cover tension and the arm inflection points
8. Lubrication of the round steel link chains or check of the gas pistons (depending on model)
9. Removal of loose dirt accumulations on the cover
10. Cleaning the awning frame from superficial dirt
11. Cleaning the rain gutter in the projection profile (depending on model)

Reporting of detected defects and repair recommendations

§ 3 Intervals of services

The inspection and maintenance of the awning(s) is carried out times per calendar year during the weekday working times or individually as per appointment. We recommend at least one maintenance in spring.

§ 4 Contractual period

This contract enters into force with the signature of the contractual partners and is concluded for an indefinite period. However, it can be terminated in writing by each contractual partner with a notice period of three months to the end of the current calendar year.

§ 5 Remuneration

1. A remuneration of € [] incl. the applicable legal value added tax per maintenance appointment. This remuneration is due after execution of the agreed services.
2. This remuneration includes all wage costs, ancillary wage costs, travel costs (both ways) as well as material costs for the cleaning of the system to be serviced.
3. Special costs for access to the system with required aids such as cherry picker or work platform are not included.
4. The contractor is entitled to demand a new determination of the remuneration according to paragraph 1, if the collectively agreed wages of the maintenance personnel change after conclusion of this agreement.

§ 6 Duties of the principal

It is the principal's duty to provide the contractor free of charge with the existing facilities, supply connections and operating materials (e.g. power, water), and to grant access to the system to be serviced and the supply connections.

§ 7 Liability

1. The rights and obligations of the principal from the operation of the awning system shall remain unaffected.
2. The contractor is only liable for such damage that can be attributed to a culpable violation of the contractual obligation. This liability shall be limited to the scope of service of the business liability insurance of the contractor for damage to persons, property and financial losses.

§ 8 Legal venue

Legal venue is the registered office of the contractor's commercial premises, unless applicable laws mandate otherwise.

§ 9 Written form

Changes and additions to this contract as well as information regarding the contract must be effected in writing, if they are important to the further contract execution (e.g. price adaptations, changes in services, change in contact persons).

§ 10 Severability clause

If a regulation of the contract is ineffective or becomes ineffective, the effectiveness of the remaining regulations remains unaffected. The parties undertake to replace the ineffective provision or fill the loophole contained within it by agreeing on an effective regulation which comes closest to the purpose of the invalid provision.

Remarks

Principal:

, dd

Place / date

Signature

Contractor:

SBI Ltd (Sun Blinds Installations)
www.sbiproducts.co.uk

Stamp / signature markilux specialist dealer

27-04-2020

Instructions for installation, operation, motor and controls can be accessed at any time in the password-protected specialist partner area markiluxPRO. This also includes interactive handover declarations and maintenance contracts.

Explanation of the signal words



DANGER

Marks an imminent danger that leads to death or serious injuries.



ATTENTION

Marks important information that must be taken into account.



WARNING

Marks a possible imminent danger from electrical current that can lead to death or serious injuries.

1 Visual check of the awning frame

Regularly check the awning's components for damages and corrosion. Especially in exposed areas, such as industrial surroundings or near the coast, these components are exposed to continuous impact of salts and harmful air particles.

2 Visual check of the power supply lines and the lighting

Check all power supply lines, control devices and lighting options for damages. Defective control devices can lead to the awning failing to retract automatically during a storm or strong rain or suffering damage due to excessive wind and/or water loads. Defective lighting components must be replaced (see operating instructions).

3 Check of the awning cover, the valance and the shadeplus cover

Check the awning cover, the valance and the shadeplus cover for tears, damages and correct fit.

4 Check of the attachments

Check the screw connections of the mounting brackets for tight fit and, if necessary, tighten them. Also check the components relevant to safety for a tight fit in order to exclude any hazard to persons.

5 Functional test of the awning incl. motor or crank operation

Retract and extend the awning completely, check the position of the end stops and set them again correctly, if required. When using a hand-held radio transmitter or the markilux Vibrabox, replace the batteries if required.

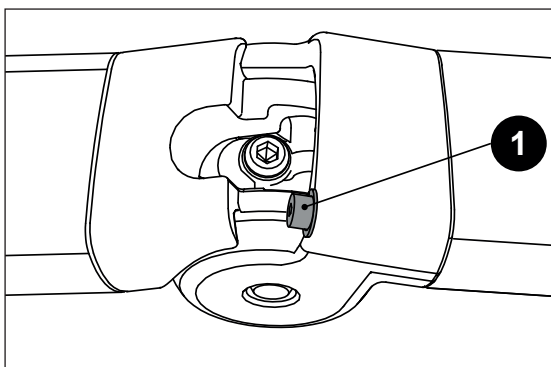
Use here, depending on the motor type and operating mode (standard drive / radio remote-controlled drive) the instructions of the motor manufacturer or the markilux "Setting instructions Somfy radio". These can be found in the markilux specialist dealer area under the document type "What to do if ...?". In case of manual operation check the correct run of the crank mechanism.

6 Check of the closing behaviour and the pitch

Extend the awning a bit and retract it again. If the projection profile does not close flush, adjust the closing angle of the projection profile again and ensure that the folding arms are set properly (see mounting instructions). If required, increase the closing force of the motor. Check the angle of pitch of the awning and ensure that the projection profile is parallel to the cover cassette / roller tube. If required, adjust the angle of pitch at the pivoting joints (see mounting instructions).

7 Check of the cover tension and the arm inflection points

Extend the awning and check the tension of the awning cover.

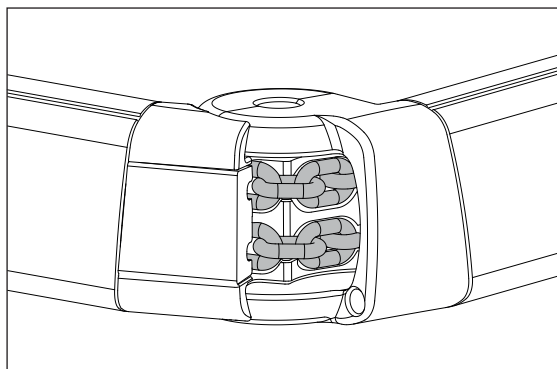


If the fabric tension is very small in extended state, the stretch of the folding arms can be increased in extended state by screwing in the adjustment screws (1).

Should the folding arms block during retraction process when extended (arms are stretched too far), unscrew these adjustment screws (1) a bit further.

If it is not possible to set the cover tension using the arm inflection points in the extended state, the motor end position should be checked in extended state for motor-driven awnings.

8 Lubrication of the round steel link chains / check of the gas pistons



Check the round steel link chains in the arm inflection points for wear. Lubricate them with a standard chain spray to ensure perfect function and prevent cracking sounds.

For markilux ES-1:

Check if the gas pistons are tensioned and push in uniformly when the awning is retracted. Defective gas pistons must be replaced.

9 Removal of loose dirt accumulations on the cover

Remove dust with a soft brush in dry condition. Remove leaves, twigs and similar debris immediately. Remove small stains on the awning cover with commercial, preferably liquid mild detergent added to water (water temperature approx. 30°C, soap solution 5 %). Rinse thoroughly with water until all traces of the detergent have been removed.

The awning cover is equipped with a special impregnation, which is reduced with every cleaning process. A commercial tent impregnation can be used for reimpregnation. Reimpregnation, however, does not achieve a new state of the fabric.

10 Cleaning the awning frame from superficial dirt

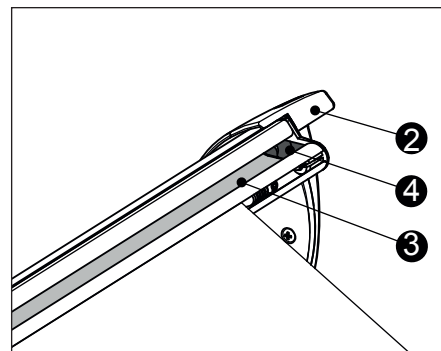
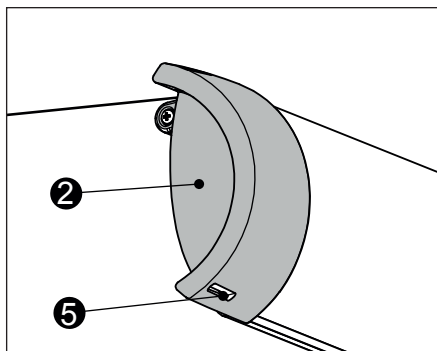
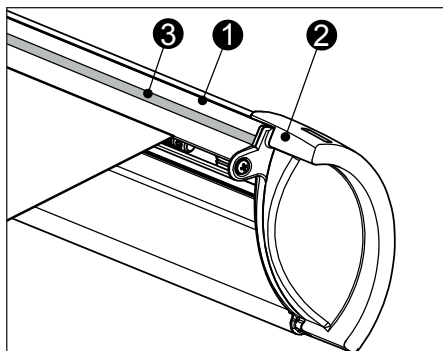
Remove leaves, twigs and similar debris immediately. In order to eliminate accumulated dirt on the awning frame, only commercially available household detergents for delicate surfaces (pH-value: between 5 und 8) are to be used. Caustic acids and materials which cause scratches (like fleece containing abrasive material, emery, sand, pumice etc.) are not allowed, since they could strongly change the surface.

The awning frame should be cleaned at regular intervals to reduce surface changes such as filiform corrosion. However, regular cleaning does not achieve a new state of the coating.

After cleaning it is recommended to apply a commercial car polish on the surfaces and buff.

11 Cleaning the rain gutter in the projection profile

Example: markilux 6000



To ensure proper function of the rain gutter (3) in the projection profile (1), the rain gutter and the water spouts (4) (5) in the lateral caps (2) of the projection profiles must be cleaned at regular intervals.