

# X-ROBUST

## *INSTALLATION, USE AND MAINTENANCE MANUAL*

### *SQUARE BAR AWNING*

Art. codes:

**T1372011-12/F**

**T1372011-12/G**

**T1372011-12/H**

**T1372011-12/A**

**T1372011-12/B**

**T1372011-12/C**

**T1372011-12/D**

**T1372011-12/E**



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Biacchi Gianfranco srl

Via L. Einaudi 1 – Casalbello (CR) Italy

[www.biacchi.com](http://www.biacchi.com) – [info@biacchi.com](mailto:info@biacchi.com)

P.Iva 01099000190

**MADE IN CHINA**

***BEFORE USING, READ THE INSTRUCTIONS CAREFULLY***

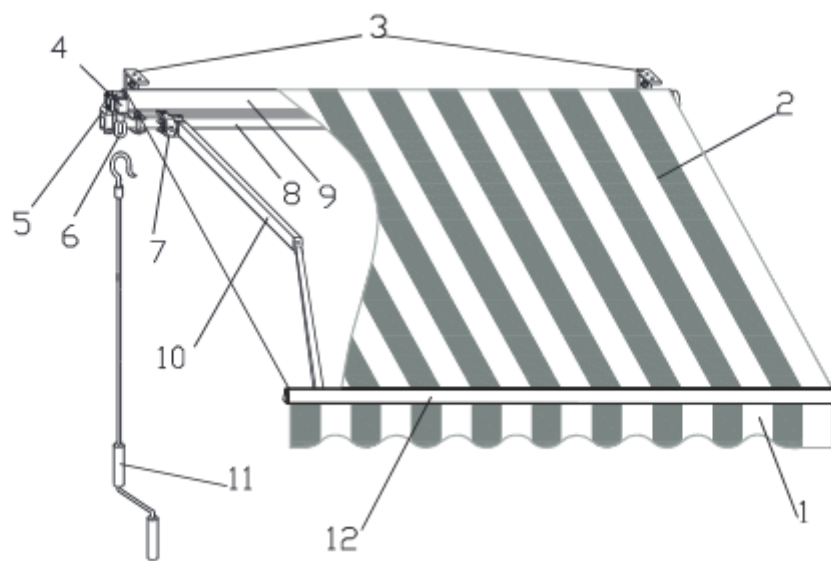
***Parts list:***

***1 awning unit***

***2 brackets to fix on the wall/ceiling***

***1 crank handle***

***1 instruction manual***



|   |                     |   |                |    |              |
|---|---------------------|---|----------------|----|--------------|
| 1 | Forefront of fabric | 5 | Roller support | 9  | Roller       |
| 2 | Fabric shade        | 6 | Gear loop      | 10 | folding arm  |
| 3 | Bracket             | 7 | Arm shoulder   | 11 | Crank handle |
| 4 | Gearbox             | 8 | Square tube    | 12 | Front bar    |

***Follow these instructions and keep them for future consultations.***

***SAFETY INFORMATION:***

*Technical knowledge of the product is required to install this curtain. Do not proceed with installation if:*

- You are not sure where to install it*
- You do not understand the instructions*
- You do not have the necessary tools*
- You do not have the necessary technical knowledge*

*At least two people are required for installation; do not attempt to install it yourself.*

*If the awning falls down, it can cause serious damage to property and/or people.*

- *Do not install if there are missing or defective components.*
- *Keep children away from the work area.*
- *Installation is suitable on a concrete wall or ceiling.*
- *Do not make any changes to the design and structure of the product.*
- *Do not operate in adverse weather conditions (frost, snow or rain).*
- *It is forbidden to climb on the awning or hang any kind of object on it.*

*The awning is a protection from the sun, so it is for outdoor use only and must not be used in high winds, rain, hail or snow. In such cases, close the awning immediately.*

***Technical data:***

- Model: 3x2 or 2.5x2*
- Adjustable angle: 4-35°*
- Gear ratio: 1 to 7*
- Wind resistance: Beaufort scale 4 (20km/h)*
- Recommended inclination: min. 14° to the horizon*

***TOOLS NEEDED FOR ASSEMBLY:***

- Drill*
- Level*
- Wrench*
- 2 stepladders*
- Tape measure*
- Chalk or marker pen*
- Wooden hammer*

## **ASSEMBLY**

*A) Install on concrete wall or ceiling at a minimum height of 2.5 m.*

*B) Ensure that wall or ceiling has a flat surface so that the mounting brackets can be installed securely.*

### **STEP 1: CHOOSE THE INSTALLATION AREA**

*When choosing the installation area, consider the “drop” height, keeping in mind that the height is 2.5 m when the curtain is fully open. The angle can be changed after assembly. The ideal angle has already been calibrated during production and ranges from 4-35°.*

*In case you want to install the curtain over a balcony/balcony door, if possible you should leave a space of at least 20 cm above the door.*

### **STEP 2: LOCATION OF HOLES**

*After choosing where to place the awning, you need to mark the holes for the brackets. Draw a horizontal line at the chosen height and, using a measuring tape, level and marker, measure the distance between the two brackets and mark it exactly on the line drawn on the wall or ceiling. Mark the corresponding points on the wall with a marker.*

### **STEP 3: DRILL THE HOLES**

*Use a drill suitable for the type of Fischer you will buy. Bolts/nuts/Fischer are not included and must be purchased separately.*

### **STEP 4: INSTALL THE BRACKETS**

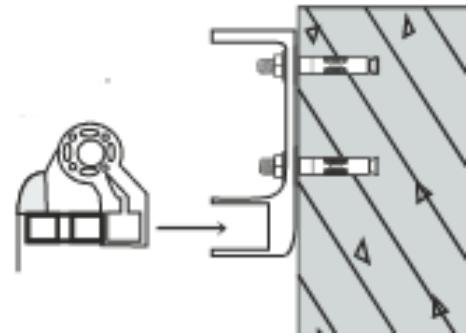
*After drilling the holes, you can insert the screws into the wall. You may need a wooden hammer to insert them (do not use the metal one). It is recommended to initially put the nut without tightening it to the screw. Now install the brackets, add the locking nuts and tighten the bolts (using a wrench). Once inserted, the brackets should be completely firm on the wall/ceiling. If they move, re-tighten the bolts.*

### **STEP 5: INSTALL THE AWNING**

*After mounting the two brackets, two ladders are needed to mount the awning at the desired height. Insert the awning to the brackets and secure it with the screws and nuts. If the square bar is not inserted properly into the brackets, you need to loosen the screws of the brackets and try again, moving the bracket back and forth*

until the bar slides into the bracket arm. Then immediately reinsert the screws and secure them with the nuts.

Make sure you have installed everything correctly: misplacing and misinstalling the awning can be dangerous.



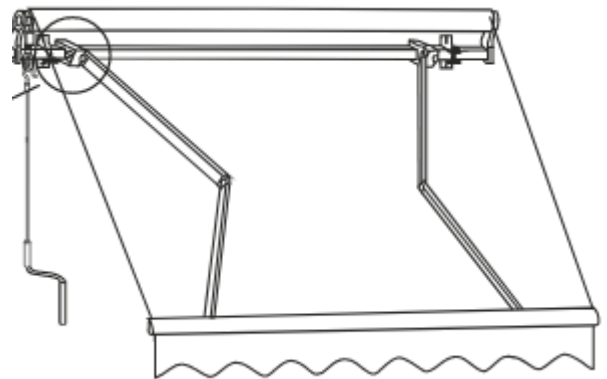
## OPERATIONS

### Adjusting the tilt angle

**Before adjusting the tilt angle, open the awning no more than  $\frac{1}{4}$  of its full projection.**

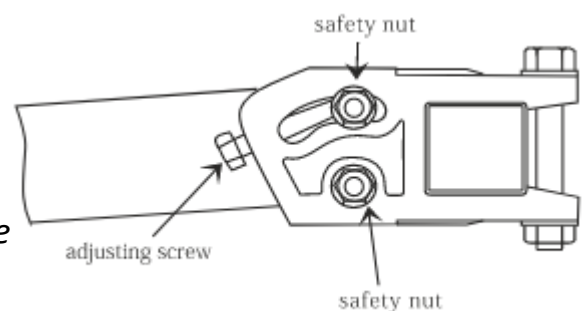
The awning already has an optimally adjusted tilt angle during production. However, it can be adjusted within a range from  $4^{\circ}$  to  $35^{\circ}$ .

To adjust the tilt angle, adjust the adjusting screws clockwise to decrease the angle; turn counterclockwise to increase the angle. Once you have reached the desired tilt angle, tighten the safety nuts and reinstall the plastic caps. Follow this process until both arms are at the desired level.



The front bar should always be level.

To ensure that both sides are completely even, the front bar has incorporated a spirit level: the bubble must be always in the middle of the spirit level.



The awning can be opened and closed with the included crank handle, which is to be inserted into the winch attached to the awning. To open the awning, turn the handle clockwise; to close it, turn the handle counterclockwise.

Make sure the cover is always tensioned; if it is not, turn the handle counterclockwise until it is. When the curtain is closed and the front bar is touching the roller, do not try to bring them any closer together.

*Once the awning is adjusted, remove the crank handle and store it in a dry place not easily reached by children to prevent them from playing with the awning.*

## **MAINTENANCE**

*Regular maintenance of the awning will not only ensure longevity of the product, but is important for your safety and the safety of those around you.*

- Regularly check that the arms are in tension*
- Check the gear box at least twice a year*
- Check the nuts and bolts at least twice a year, tighten them if they have become loose*

**IMMEDIATELY STOP USING THE AWNING IF ANY ANOMALY IS FOUND OR IF IT HAS BEEN DAMAGED. HAVE THEM REPAIRED OR REPLACED BEFORE RESUMING WITH USE.**

*It is not necessary to lubricate the moving parts of the awning. However, if this becomes necessary, do not use lubricants that contain petroleum.*

## **CLEANING**

*Over time, dust and dirt can accumulate on the structure, so periodic cleaning is recommended. It is recommended to use a nonaggressive spray cleaner or water and then wipe dry.*

*Clean the cover cloth at least twice a year and replace it every two years of use.*

*Always use a natural soap with lukewarm water to clean it and then let the covercloth dry naturally (do not use heating devices such as hair dryers).*

## **DISASSEMBLY AND STORAGE**

*If you do not intend to use the awning for an extended period of time, remove it from the brackets and put it away in a dry, safe place (making sure to close the awning completely before disassembling it, the cover sheet must be completely dry, and we recommend tying the arms together so the awning does not accidentally open).*

*To disassemble it, follow the assembly steps in reverse.*