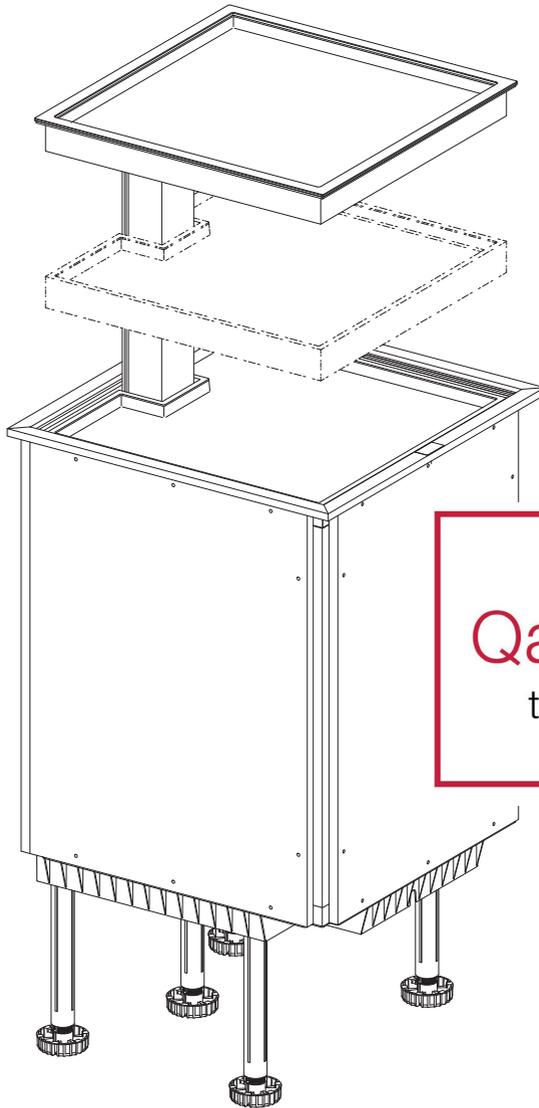


# Instructions for use

EN



Qanto<sup>®</sup>

the way up

**ninka**<sup>®</sup>

Ideen gestalten die Zukunft.

Qanto\_Id\_A5\_0000.50.65060\_29012018 - EN



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## 1. Explanation of symbols



**Attention!** Important information to warn against personal injury or property damage.



**Attention!** Important information to warn against the risk of electric shock.



**Attention!** Important information to warn against water damage.



Note, tip or reference



Optional



Correct assembly



Incorrect assembly



Switch ON/OFF



Electric light

## 2. Safety notices



- The Qanto kitchen cabinet has been built according to state-of-the-art technology and recognised safety-related regulations. People can still be injured if the safety notices in these instructions for use are not observed. Carefully store these instructions for use for later reference. If Qanto is passed on to a third party, these instructions for use must be handed over as well.
- The non-observance of instructions marked with the “Attention” pictogram can lead to considerable damage.
- During the installation and use of Qanto, sufficient clearance for the movement of the lifting system must be observed so that no risks arise for users and other people in the vicinity. When Qanto is extended upward and to both sides, a clearance of about 200 mm to other cabinets or shelving must be observed.
- The lifting system may be operated only with the trays in place.
- During the installation and operation of Qanto, make sure that no water can enter the cabinet.
- Appliances that can cause high temperatures (e.g., toasters), high amounts of moisture (e.g., electric kettles) or high dynamic movement loads (e.g., food processors) must not be operated on the trays.
- The drive must not be overloaded; for this reason, make sure that the maximum weight load per tray does not exceed the total load on any account.

- Qanto may be used by children 8 years of age and older, people with limited physical, sensory or mental aptitude or lack of experience and/or knowledge only if they are supervised or have been instructed in the safe use of Qanto and understand the resulting risks.
- The drive must not be used to lift people. During operation, do not put your weight on or lean against the system.
- Children must not play with Qanto.
- Cleaning and user maintenance must not be performed by children without supervision.
- Downward movement is possible only if the upper trays are in place. The trays can be moved only when the button is pressed. If the upper trays shift/cant during the downward movement, the system stops the downward movement immediately. In this situation, the system permits upward movement only.
- Since open flames can damage the trays and lifting system and cause fires, flambéing and unsupervised deep-frying next to the lifting system is not permitted.
- If the mains connecting line of Qanto is damaged, it must be replaced by the manufacturer, its customer service department or a similarly qualified person to prevent risks.
- Qanto is alternatively equipped with a socket that has its own mains connecting line. The socket can be used only when the lifting system is extended. When retracted, the socket is de-energised.

### 3. General information

#### 3.1 Designation of the device

The kitchen cabinet is called **Qanto**.

#### 3.2 Intended use

Qanto is an enclosed cabinet in which trays can be lifted and lowered using a lifting system.

#### 3.3 Versions

**Qanto** is suitable for “left” and/or “right” installation.

**Qanto** is equipped with 2 or, alternatively, 3 trays.

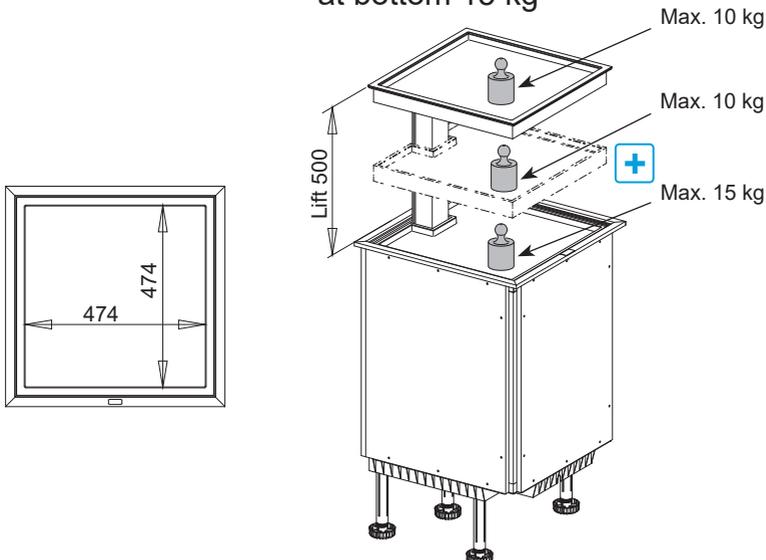
**Qanto** is available with or without a socket.

**Qanto** is available with or without an LED lamp.

### 4. Technical data

Mains connection 230 V / 50 Hz / 16 A

Minimum load of tray at top / in middle 10 kg each  
at bottom 15 kg



## 5. Assembly of Qanto

### 5.1 General assembly instructions

Anyone who performs connection or assembly work on Qanto or uses Qanto must have access to these instructions for use. Follow these instructions. Non-observance of the abovementioned instructions can lead to accidents resulting in severe personal injury.

If the product is visibly damaged, it must not be installed.

During the installation of Qanto, make sure there is sufficient clearance for the movement of the lifting system. When Qanto is extended upward and to both sides, a clearance of about 200 mm to other cabinets or shelving must be observed.

A clearance of 300 mm must be observed between Qanto and a gas stove.

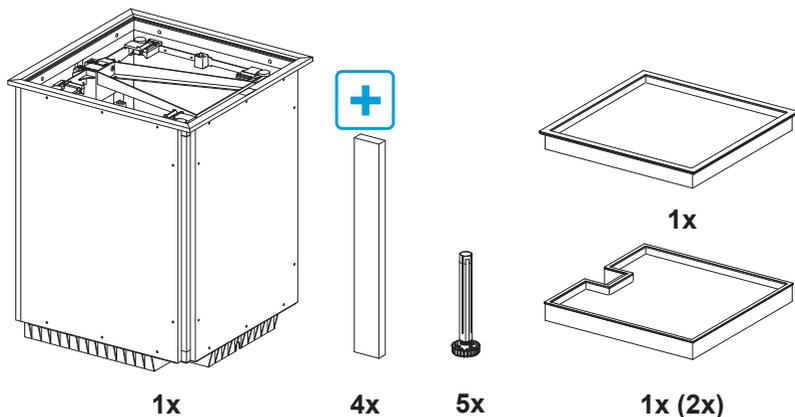
The electrical system of Qanto must be accessible (e.g., a double socket under the cabinet in the near the base).

Make sure the cables are undamaged.

Before connecting Qanto to the power mains, you must check whether the voltage on the control unit is correct.

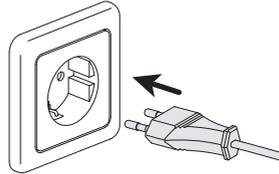
If the control unit causes unusual noises or odours during operation, interrupt the power supply.

### 5.2 Delivery



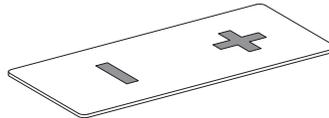
## 6. Operation of Qanto

### 6.1 Electrical system



Before connecting the electrical drives to the in-house power mains, compare the voltage of the power mains with the input voltage specified on the type plate. The mains voltage and permissible input voltage must be identical. If not, Qanto must not be connected. Please contact your specialist dealer.

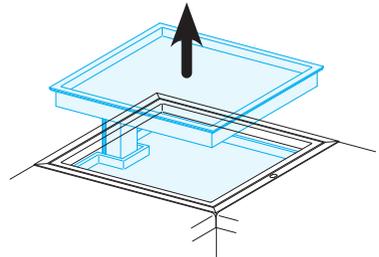
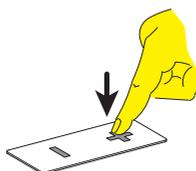
### 6.2 Control element



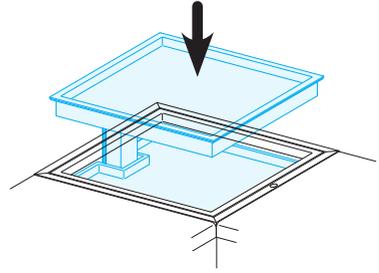
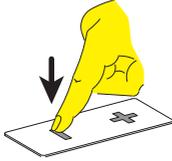
During the installation and use of Qanto, sufficient clearance for the movement of the lifting system must be observed so that no risks arise for users and other people in the vicinity.

The on-period must not exceed **6 minutes an hour** or a **maximum of 2 minutes in continuous operation**. This can lead to an overheating of the motor, brake and spindle nut. When the on-period is exceeded, the service life of the lifting column can be considerably reduced.

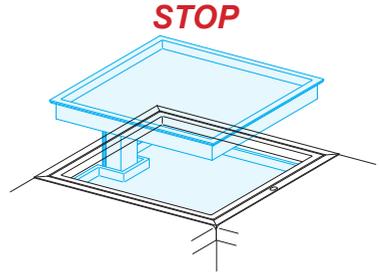
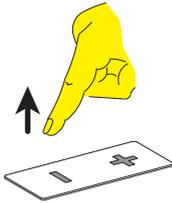
PRESSING and HOLDING the button **+** moves the drive **up**.



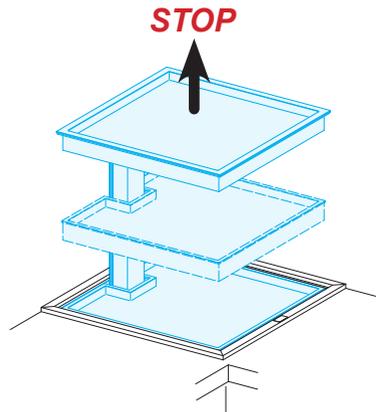
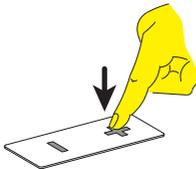
PRESSING and HOLDING the button **-** moves the drive **down**.



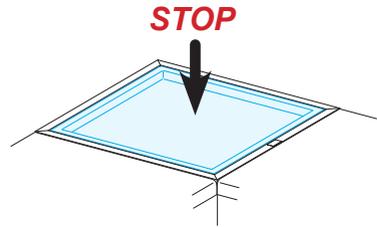
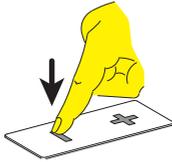
RELEASING the button switches the drive to **STOP**.



PRESSING and HOLDING the button **+** moves the drive **up** and switches to **STOP** in the end position.



PRESSING and HOLDING the button ■ moves the drive **down** and switches to **STOP** in the end position.



### 6.3 Safety cut-off



Downward movement is possible only if the upper trays are in place.

The trays can be moved only when the button is pressed.

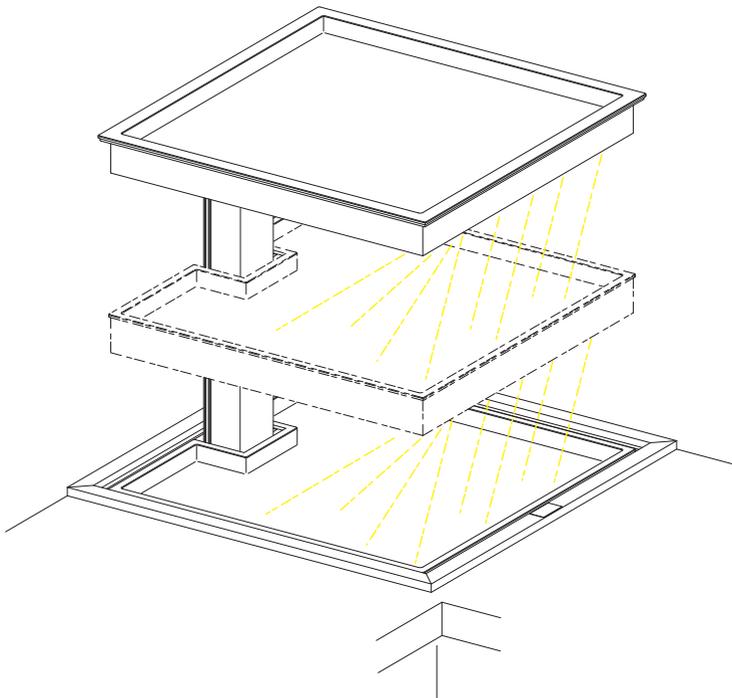
If the upper trays shift/cant or raise during the downward movement, the system stops the downward movement immediately.

In this situation, the system permits upward movement only.

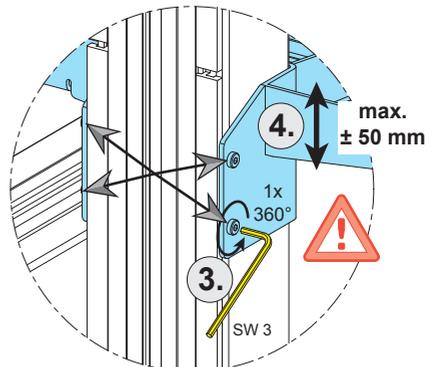
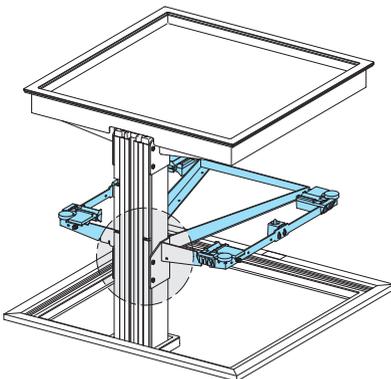
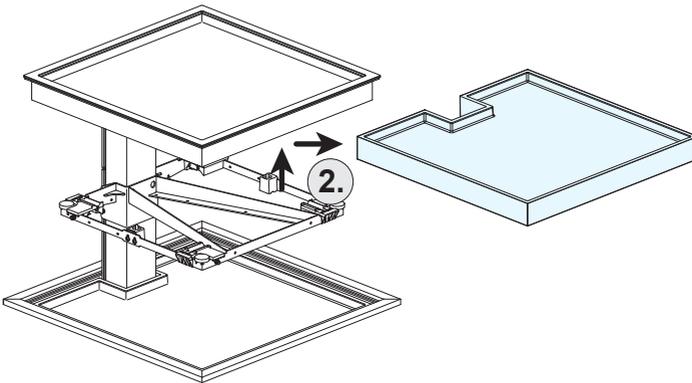
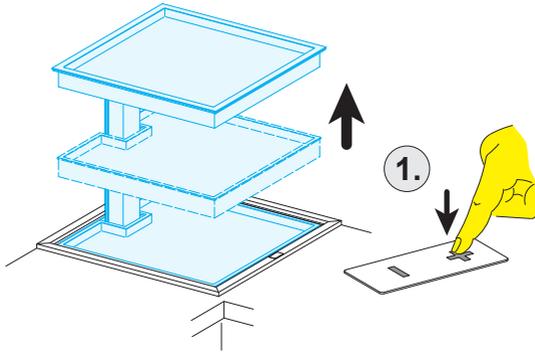
## 6.4 LED lighting



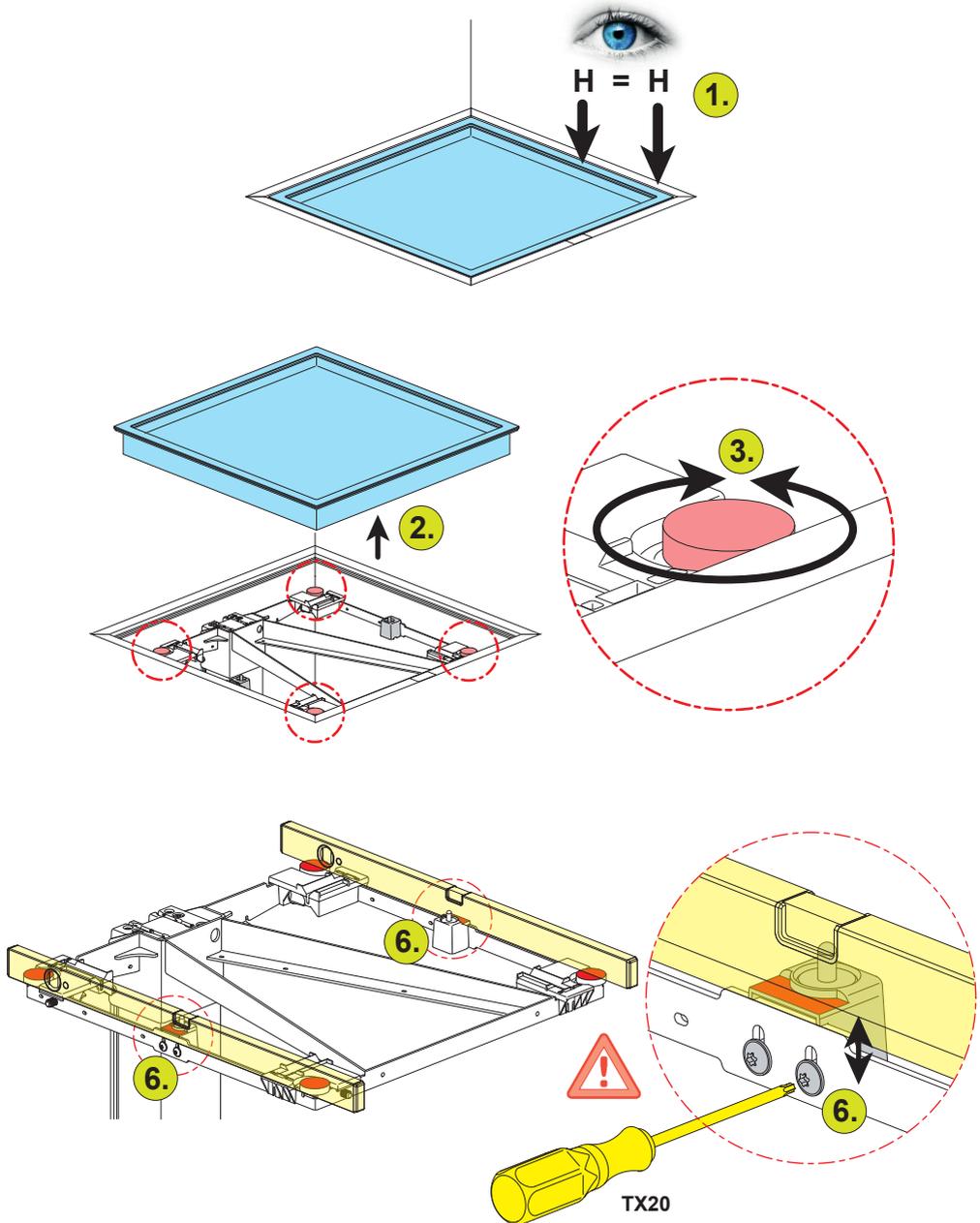
The cabinet can be delivered with maintenance-free LED lighting. When the trays are raised, the LED lighting switches **“ON”** automatically. When the trays are lowered, the LED lighting switches **“OFF”** automatically. If a fault occurs, please contact your specialist dealer or customer service.



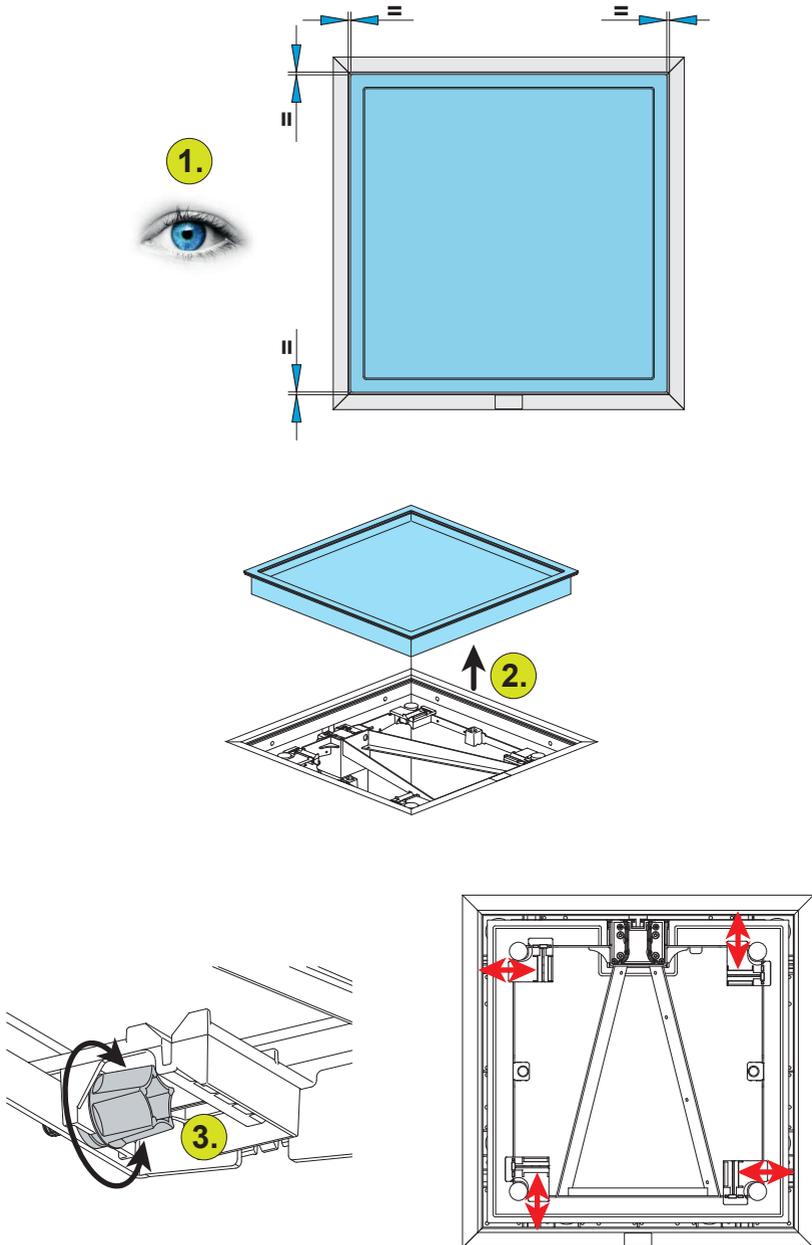
## 6.5 Height adjustment of the middle tray



## 6.6 Height adjustment of trays



## 6.7 Gap adjustment of trays



## 6.8 Initialisation

Before and during initialisation, check and make sure that the safety switches are contacted.

The lifting system is initialised by pressing and holding the  button. It must be kept pressed until the drive reaches the lower end position. As soon as the drive stops in the lower end position, the button must be released for 2-3 seconds.

Then the  button must be kept pressed for an additional 6-8 seconds. After that, the initialisation procedure is completed. During initialisation, the trays are lowered by 5 mm and then raised again.

Please do **NOT** release the  button during initialisation.



If the button is released before the procedure has been concluded, the initialisation procedure is interrupted and must be restarted. If an initialisation procedure is interrupted, an upward movement of the trays is not possible.



During initialisation, the safety switches must be contacted. If the initialisation procedure cannot be concluded, the upper tray must be removed and the two safety switches must be pressed manually during the initialisation procedure.

## 7. Maintenance and care



Before cleaning, always disconnect Qanto by pulling the mains plug or by disconnecting the socket from the mains.

At regular intervals, remove dust and dirt from Qanto and make sure it is not damaged or cracked.

Please clean with a mild household cleaner and a soft cloth. After that, wash off the cleaner with clear water and thoroughly wipe Qanto dry. For particularly stubborn stains, use undiluted household cleaner or even glass cleaner. Do not use strongly alkaline or acidic cleaning agents.

## 8. Guarantee and warranty

### 8.1 Guarantee

If not otherwise indicated, your specialist dealer grants you a 2-year guarantee from the conclusion of the contract.

The guarantee covers all material and fabrication defects over a period of 2 years.

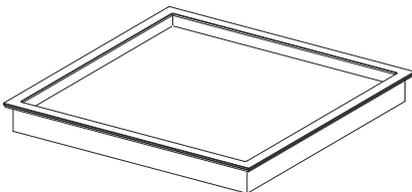
Damage arising from normal wear or improper use is not covered by the guarantee.

The legal warranty rights are not affected by these provisions.

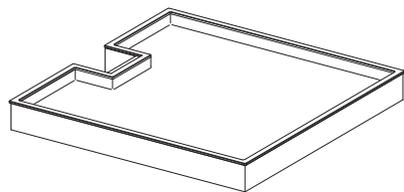
In case of guarantee claims, contact your specialist dealer.

### 8.2 Spare parts

You can order the following spare parts from your specialist dealer.



Article no.: 5602.11



Article no.: 5603.11

## 8.3 Repair

Repairs on Qanto may be performed by authorised workshops or service personnel only as special tools must be used. Please contact your specialist dealer.



If parts on Qanto are opened, there is a subsequent risk malfunctions. Such actions void all warranty claims.

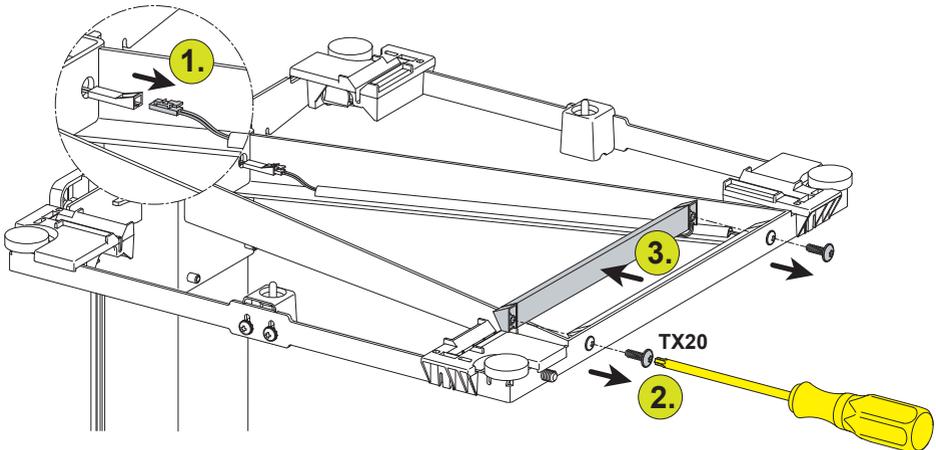
## 9. Disassembly/assembly

Before disassembly and during assembly:



- Remove all weight from the trays
- Always disconnect Qanto before repairs by pulling the mains plug or by disconnecting the socket from the mains.

### 9.1 Exchange of the LED lighting



## 10. Recycling/disposal



The recycling or disposal possibilities for motorised systems are regulated in the country of use. Please obtain information from your respective public authority or ask your specialist dealer.

We recommend the disassembly of our product in as many parts as possible for disposal and recycling.

Body	Wood	Bulk waste
Adjusting feet	Plastic feed	Plastic recycling
Trays		Plastic recycling
LED		Electronic scrap
Socket	Plastic housing	Plastic recycling
	Cable	Electronic scrap
		Metal scrap
Columns/ Drive	Spindle and motor	Metal scrap
	Plastic housing	Plastic recycling
	Cable	Electronic scrap
	Circuit board	Electronic scrap
Control unit	Circuit board	Electronic scrap
	Plastic housing	Plastic recycling
	Cable	Electronic scrap
	Transformer	Metal scrap
Control element	Plastic housing	Plastic recycling
	Cable	Electronic scrap
	Circuit board	Electronic scrap

## 11. Troubleshooting

### ***Lifting system does not work***

- The lifting system does not move down.
  - The trays do not sit in place properly.
  - No power supply.
  - The fuse has tripped.
  - The control element does not respond.
  - The control element is defective.
  - The lifting system is defective.
- ▶ Check the setting of the safety switches according to the assembly instructions.
  - ▶ Check the position of the trays.
  - ▶ Check the mains plug.
  - ▶ Check the fuse.
  - ▶ Clean the control element.
  - ▶ Contact the specialist dealer or customer service.
  - ▶ Contact the specialist dealer or customer service.

### ***Lighting does not work***

- No power supply.
  - The fuse has tripped.
  - The cable connections are loose.
  - The light is defective.
- ▶ Check the mains plug.
  - ▶ Check the fuse.
  - ▶ Check the cable connections.
  - ▶ Call the specialist dealer or customer service.

### ***Socket does not work***

- No power supply.
  - The fuse has tripped.
  - The cable connections are loose.
  - The socket is defective.
- ▶ Check the mains plug.
  - ▶ Check the fuse.
  - ▶ Check the cable connections.
  - ▶ Call the specialist dealer or customer service.

### ***Control element does not work***

- The control element does not respond.
  - No power supply.
  - The fuse has tripped.
  - The cable connections are loose.
  - The control element is defective.
- ▶ Clean the control element.
  - ▶ Check the mains plug.
  - ▶ Check the fuse.
  - ▶ Check the cable connections.
  - ▶ Call the specialist dealer or customer service.

### ***Unusual noises or odours***

- ▶ End the lifting procedure.
- ▶ Pull the mains plug.
- ▶ Call the specialist dealer or customer service.

## 12. EC Declaration of Conformity

Company: Ninkaplast GmbH  
Benzstraße 11  
32108 Bad Salzuflen, Germany

Technical documentation officer: Mr Axel Uffmann  
Ninkaplast GmbH  
Benzstraße 11  
32108 Bad Salzuflen, Germany

Designation: Kitchen cabinet with motorised lifting system

Products/types: Qanto

Design/function: Qanto is an enclosed kitchen cabinet in which trays can be lifted and lowered using a lifting system.

Pertinent EC regulations/  
Machinery Directive: Machinery Directive 2006/42/EC  
Low-Voltage Directive 2014/35/EU

Other possibly pertinent EC directives: Electromagnetic Compatibility Directive  
2014/30/EU

Applied standards: EN 14749; DIN 68930; DIN EN 60335

Structural designs that affect the technical data specified in the instructions for use and intended use, i.e., that change the essence of the product, void this Declaration of Conformity!

We hereby confirm that the abovementioned product complies with the specified directives and standards.

Bad Salzuflen, 29/11/2017

  
Klaus Henning Wulf

  
Axel Uffmann





***ninka***<sup>®</sup>

Ideen gestalten die Zukunft.

We are gladly available in case of any questions.

Service number:

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