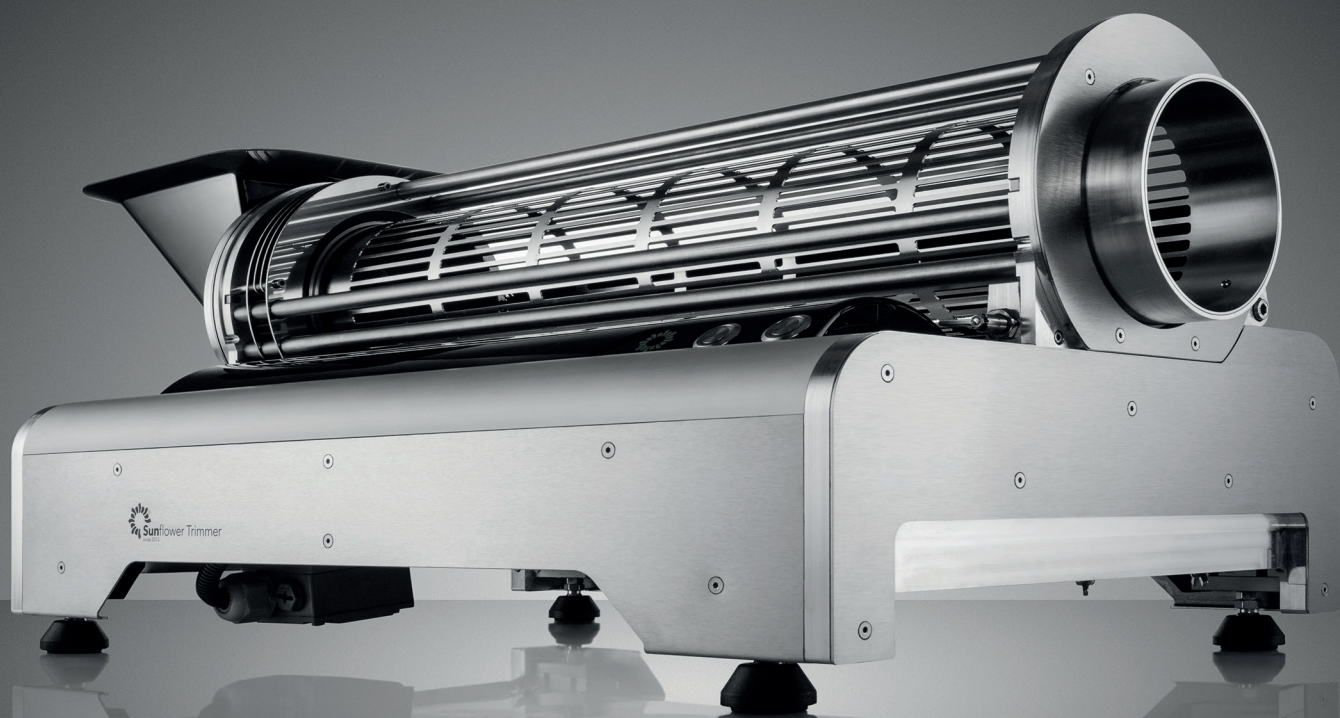


 **SUNFLOWER TRIMMER®**  
TRIMMING IS EASY

**AUTOMATIC - L**



**USER MANUAL  
and  
WARRANTY FORM**



# USER MANUAL AND WARRANTY FORM

## **SUNFLOWER TRIMMER®** TRIM LIKE A PROFESSIONAL



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## POTENTIAL RISKS AND SAFETY WARNING

The trimmers from company Sunflower-trimmer Ltd. are designed and manufactured according to legal standards of EU focusing on maximum safety of the user during work with the machine. The user is obligated to read and understand the safety warning and recommended procedures specified in this manual.

**!** Please read this manual carefully before use of the machine.

### 1.1 PROTECTIVE EQUIPMENT



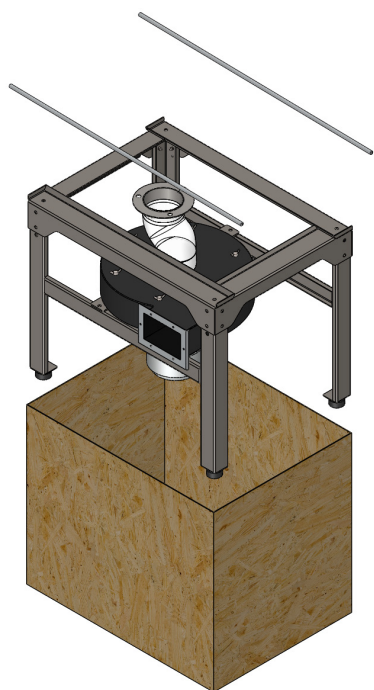
#### Safety goggles

Use plastic goggles with non-tinted visor and without UV filter. There is a risk of cut pieces of the flower can fly away and cause injury to your eyes.

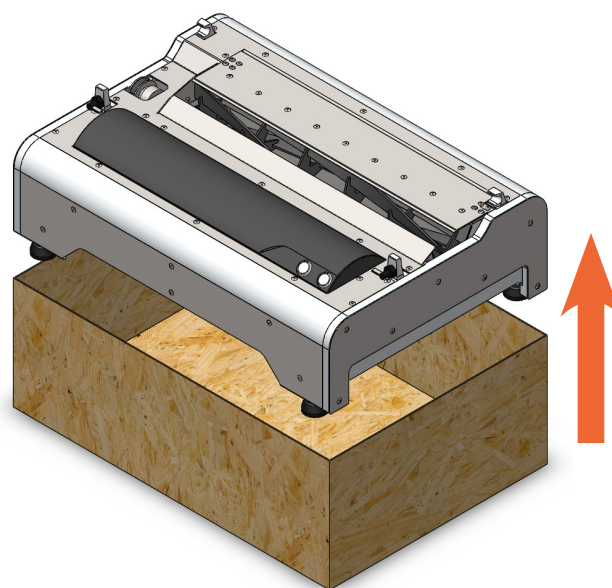
## 1.2 MACHINE UNPACKING AND INSTALLATION

When unpacking the machine out of the box please follow the instruction below:

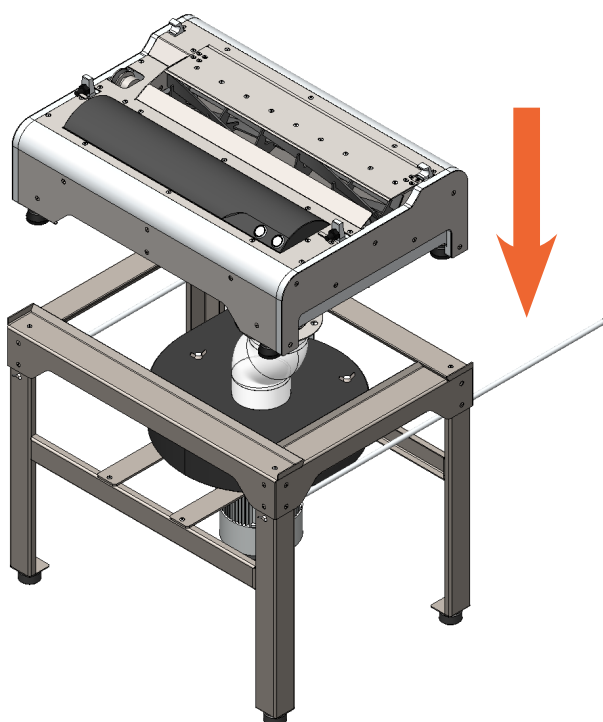
### 1. Unpacking the table including ventilator



### 2. Unpacking the machine

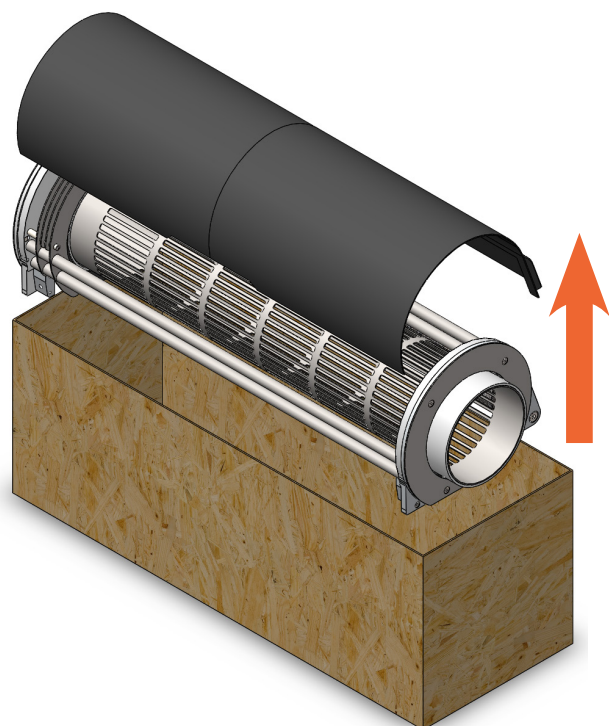


### 3. Installation of the machine on the table



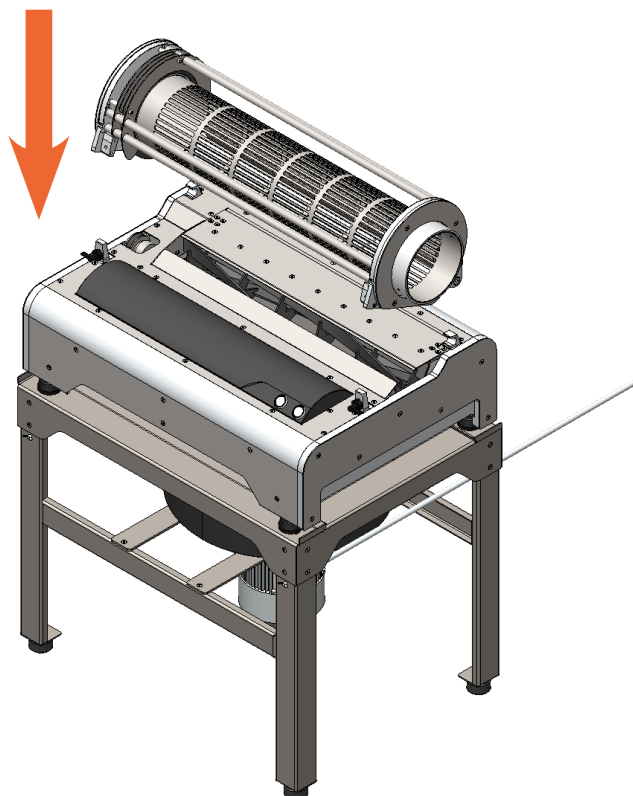


#### 4. Unpacking the upper frame

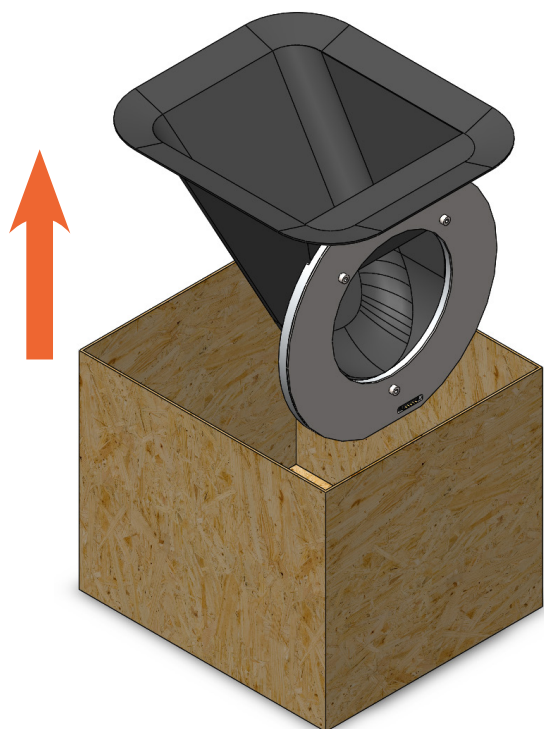


#### 5. Installation of the upper frame on the machine

**i** more info in section 3.6.



#### 6. Unpacking the chute

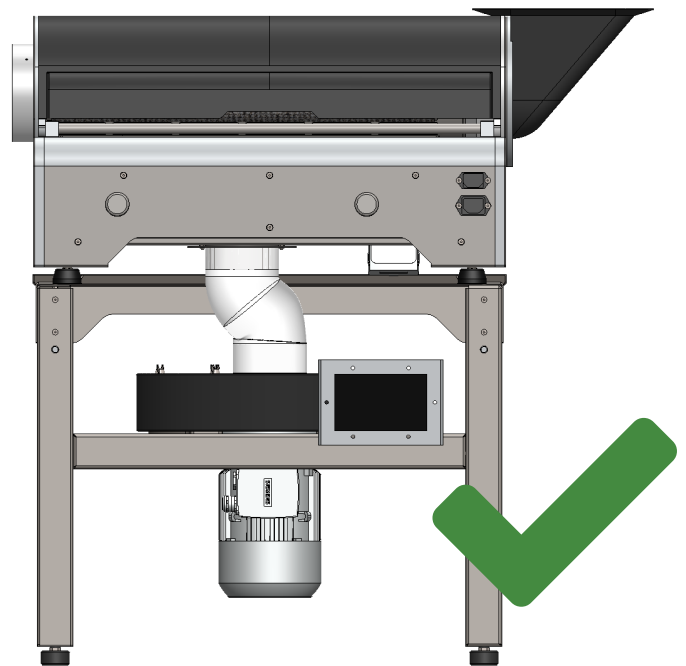
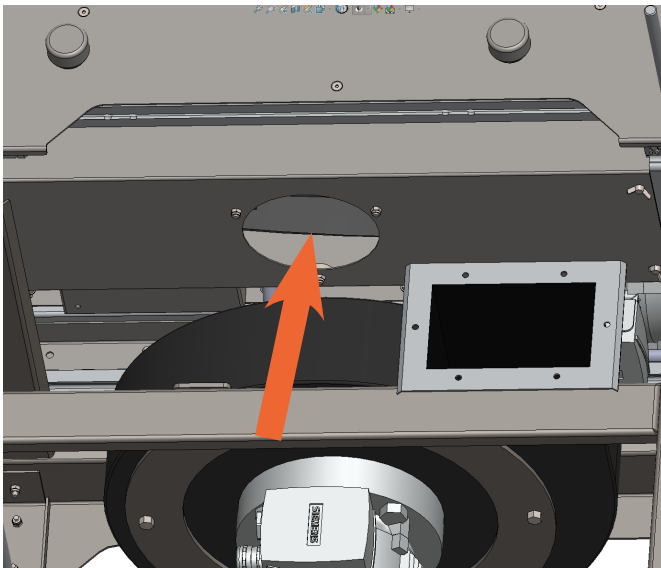


#### 7. Mounting the chute to trimmer body

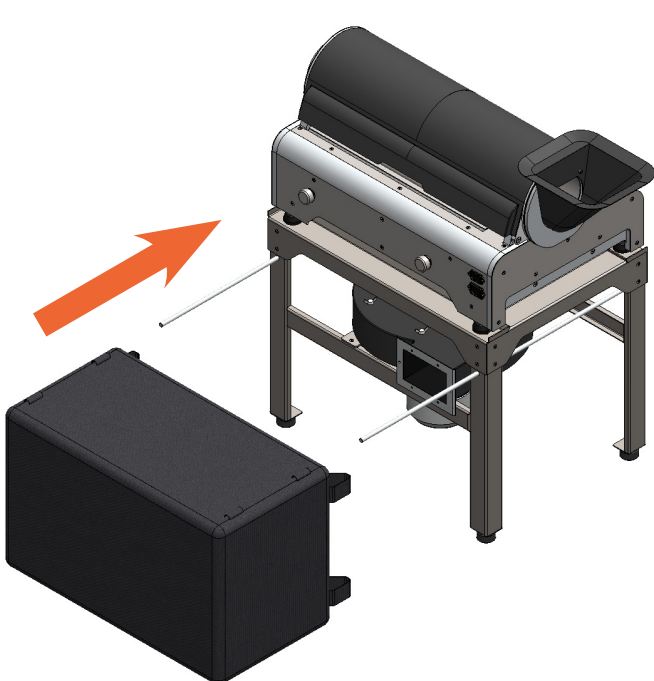


## 8. Ventilator connection

Connect the ventilator to the machine using a plastic hose.



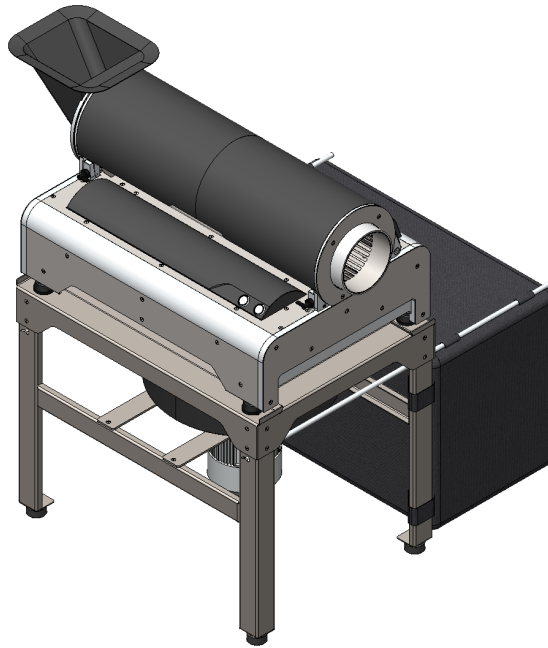
## 9. Bag installation





## 1.3 PROTECTIVE COVER

! Always use protective cover on the upper frame when operating the machine.



## 1.4 OTHER RISKS AND RECOMMENDATIONS

**Keep in mind your own safety at all time. Do not use the trimmer in dusty or wet environment. The electromotor is not water resistant.**

! Never touch or open the top cover when the motor and rotor is rotating.

! Never open the top cover of the machine when the motor and rotor is rotating.

! Never leave the trimmer in reach of children or persons under age of 18 which are not familiar with the user manual.

- Clean the trimmer machine according to specifications under chapter **4. Cleaning**. Following these instruction you can prevent the damage of the machine or harm to your own health.
- The machine can only be used for purposes specified in this manual, chapter 2. Machine basic description – point **2.2. Range of use!**
- Never repair or exchange any part of the trimmer in case of malfunction.
- Keep clean the machine and it's storage place.
- The trimmer machine can be used in interior only.  
The use in exterior is not recommended. The trimmer is not water resistant!
- Pay attention to avoid damage to electrical cables of the machine.
- Never reposition the machine when plugged to power source!

## 2. MACHINE BASIC DESCRIPTION

**The AUTOMATIC -L trimmer machine is developed and build for you to speed up the cutting of leaves from the flowers.**

The main frame is made of eloxed aluminum profiles which are connected together with special connectors. The case of the trimmer is made of stainless steel and fastened to the main frame from all sides. The electromotor is placed outside of the machine. The cutting rotor and adjustable blade is positioned next to the electromotor. The trimmer stands on four adjustable rubber blocks.





## 2.1 GENERAL INFORMATION

- The ON / OFF switch is positioned on the front of the trimmer.
- The button to the left from ON / OFF switch start up the ventilator.
- You can adjust the distance between the blade and cutting rotor using two handling wheels. You can read more about cutting mechanism adjustment in chapter **3.3 - Rotor / cutting blade adjustment.**
- Electrical connection and electrical parts are closer described in this chapter under point **2.3 Electrical connection.**

The machine is designed for cutting of flower petals from most of aromatic flowers. The petals are cut automatically in the upper frame of the machine. The flower petal goes through the tube grid placed in the upper frame. the petal is then cut in the cutting system of the machine. The flowers are turning in the tube and moving fluently towards right to the end of the machine. The cut leaves are sucked up by ventilator and flow into the waste bag.

## 2.2 RANGE OF USE

- The machine can be used only for purposes specified by manufacturer.
- We strongly advise you to read all safety warnings before use of the trimmer!
- The machine is designed to remove the leaves from the flowers of plants.
- The machine can only be used on fresh plants with fleshy leaves and stalks which contains no ligneous and solid parts. This means you can cut the plants whose composition and solidity is similar to e.g. freshly harvested nettle.



## 2.3 ELECTRICAL CONNECTION

The trimmer contains electrical parts and connections. Electrical connection means cables and other parts connecting the electrical devices. The machine contains following electrical parts: Electromotor 250 W, start up capacitor 20  $\mu$ F, 2x power switch and 2x euro connector. The power cable for power source connection is included in the package. The ventilator output power is 750 W.

**!** We particularly advise you to pay close attention to your safety during work and maintenance of your trimmer. You should not get in contact with electrical connection when using or cleaning the machine. Do not alter or reconnect the electrical connection!

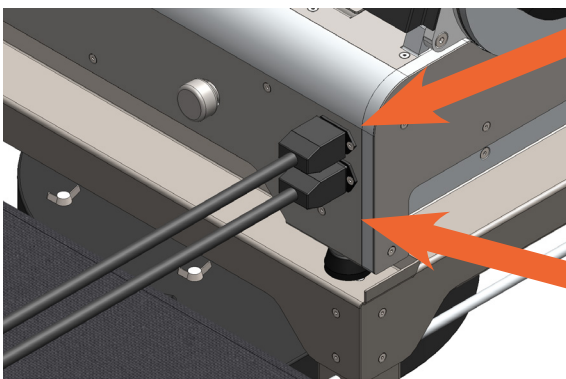
## 3. OPERATION AND HANDLING

### 3.1 CONNECTING TO POWER SOURCE

Before you connect the trimmer to power source make sure you executed all safety precautions stated above.

**!** Make sure once again the top cover is fastened firmly to the upper frame!

#### Connecting the machine to power source and connecting the ventilator into the machine



##### **Euro connector 1**

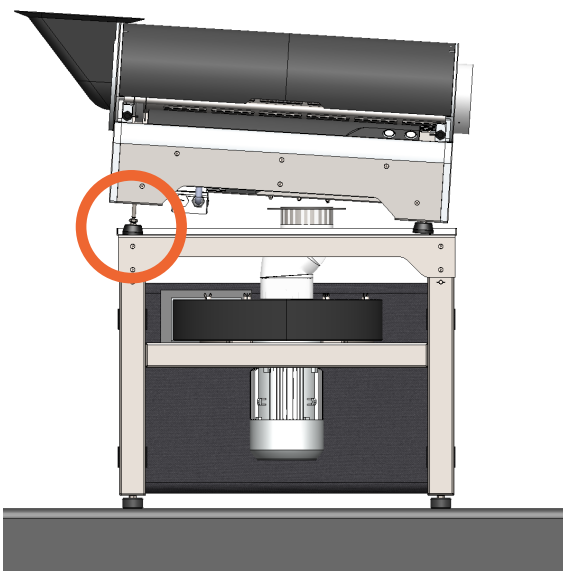
The connector for power input is on the side of the trimmer. Connect the proper end of the power cable into the euro-connector. Connect the other end of the cable into wall socket.

##### **Euro connector 2**

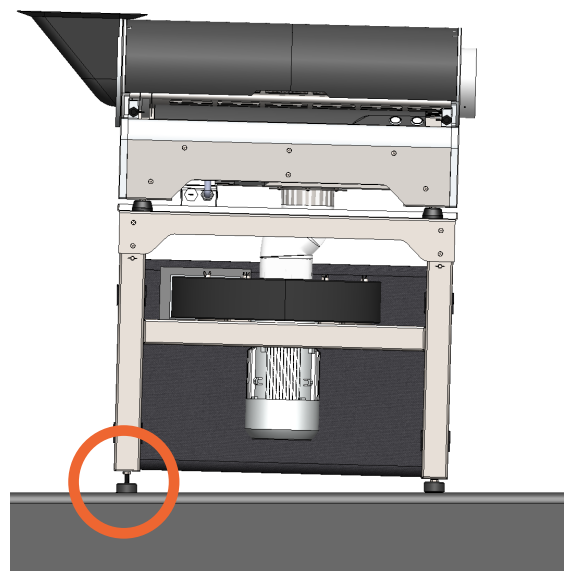
serves for ventilator connection

### 3.2 LEVELING AND START UP

We recommend to set up the machine to be inclined a bit using the adjustable legs.



Tilt of the machine

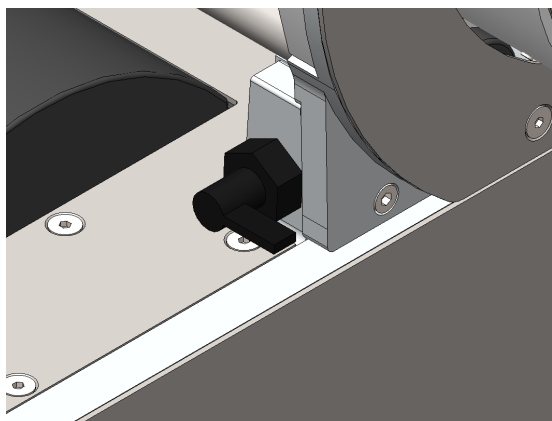


Tilt of the table

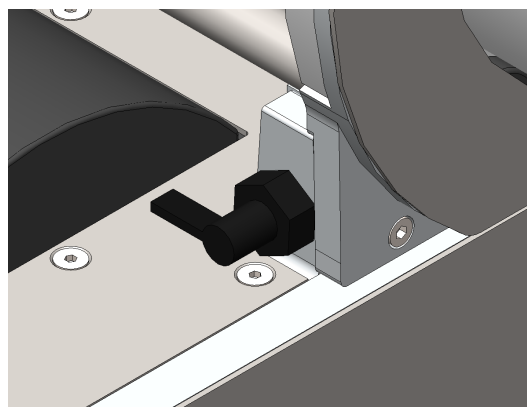


## Make sure the fastening levers are in the right position!

**i** Do not power on the machine without levers in "locked" position

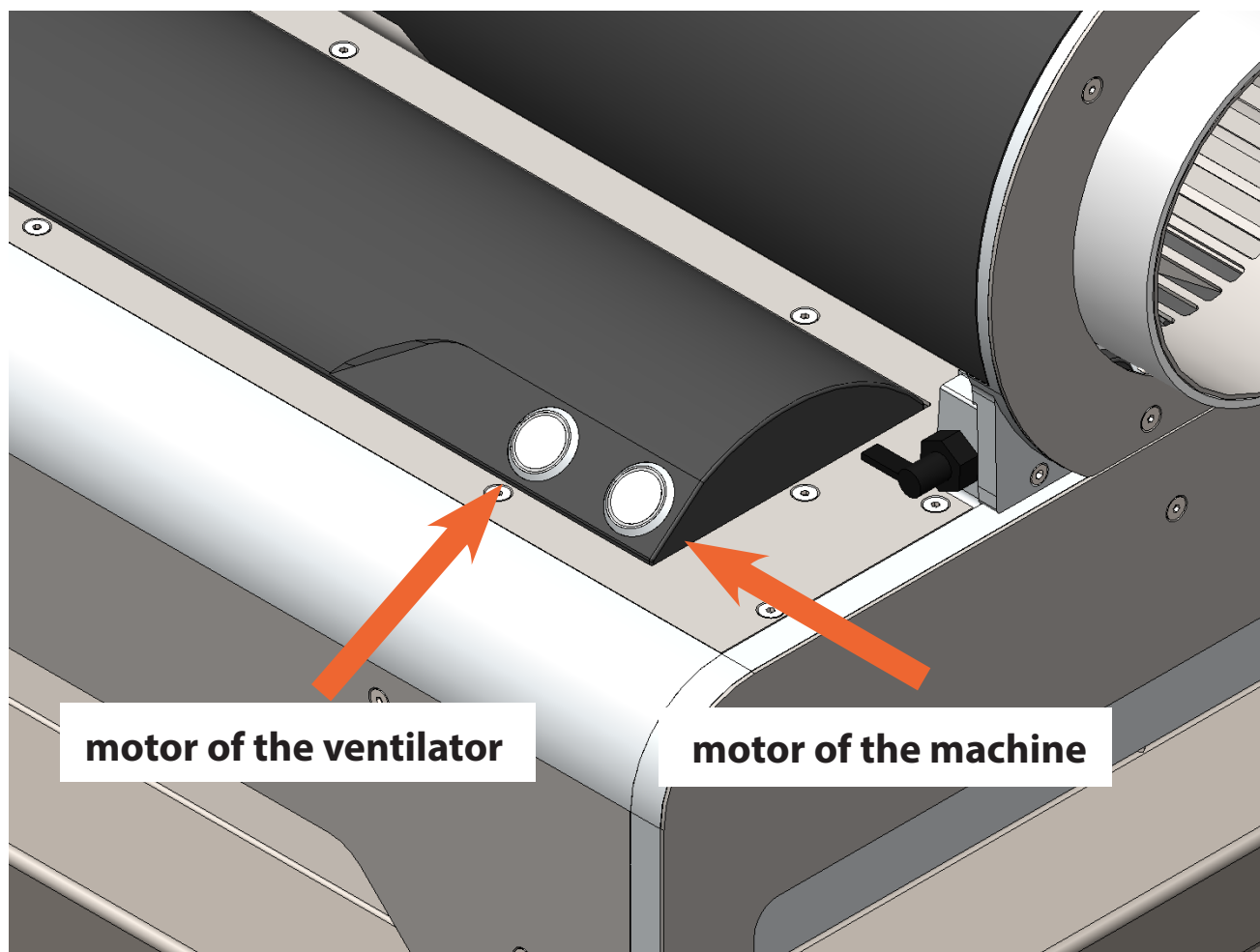


**!** unlocked



**✓** locked

**The machine starts up by right ON / OFF switch on the front side of the frame. The ventilator starts up by the ON / OFF switch next to the machine power on button.**



**motor of the ventilator**

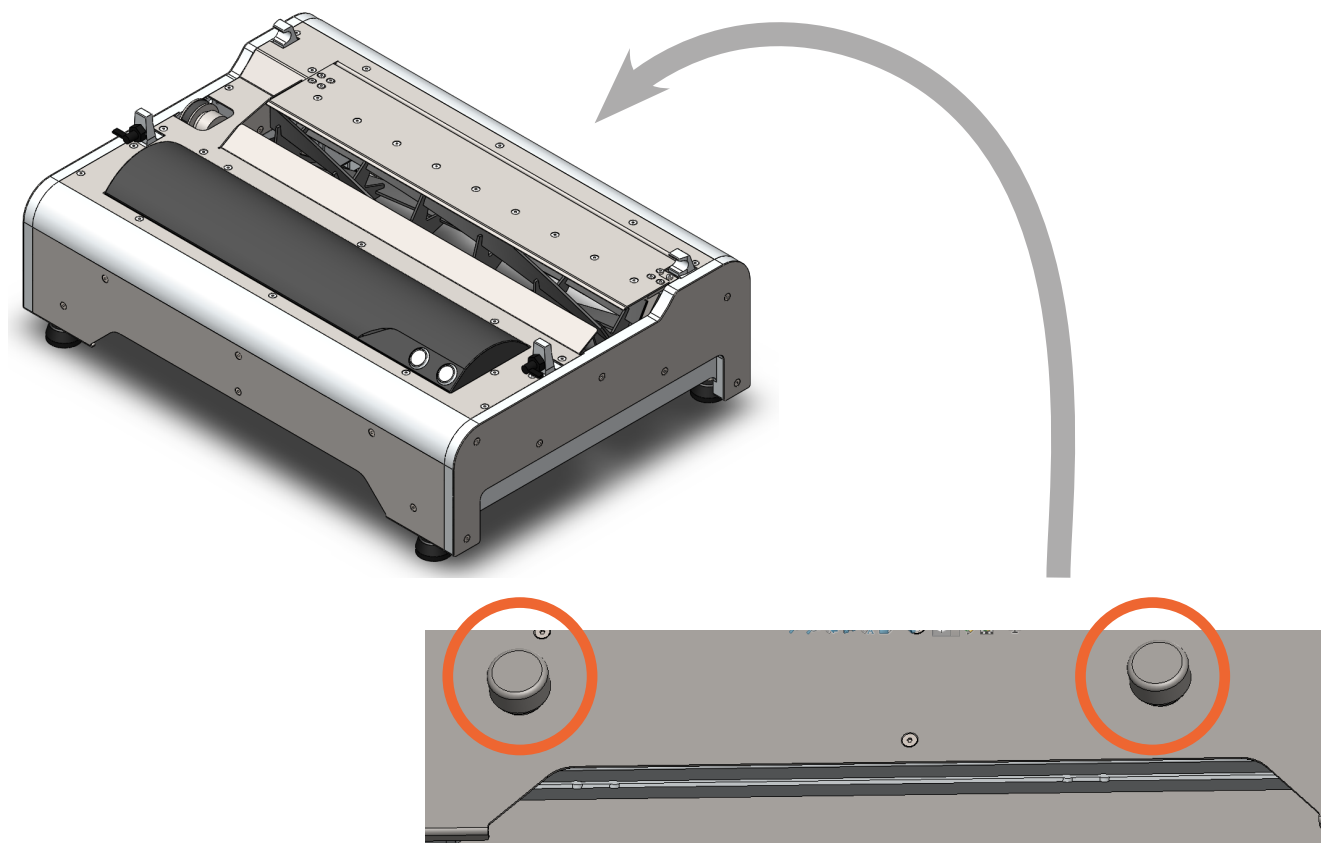
**motor of the machine**

**i** Keep in mind all safety precautions stated above during power on of the trimmer!

### 3.3 ROTOR AND CUTTING BLADE ADJUSTMENT

Your new machine is set up and adjusted from the manufacturer. To ensure the proper functionality and durability please pay attention to the following instructions:

**i** Always remove the top cover in order to adjust the cutting blade!



1. The cutting blade is adjusted to the rotor using the two handling wheels positioned on the back of the machine.

2. Rotating the wheels to the right moves the blade to the rotor making the gap between the blade and rotor smaller. Always turn the wheels not more than  $\frac{1}{4}$  of the circle. Pay close attention during the process.

3. You can test the optimal position with piece of paper. Insert the paper between the rotor and cutting blade. Turn the rotor carefully. If the paper is cut, turn the handling wheel by  $\frac{1}{4}$  turn to the left and leave it in this position.

4. The cutting blade has to be adjusted from both ends using the two handling wheels – see picture from the back of the trimmer where the two handling wheels are positioned.

**!** Always make sure the rotor and cutting blade are not in collision with each other.



## 3.4 FLOWERS INFEEEDING

The flowers are inserted into the machine using the black chute.



**i** Never insert dirty flowers into the machine. Insert clean flowers without stalks or other parts which could damage the machine.

## 3.5 CLEANING DURING WORK

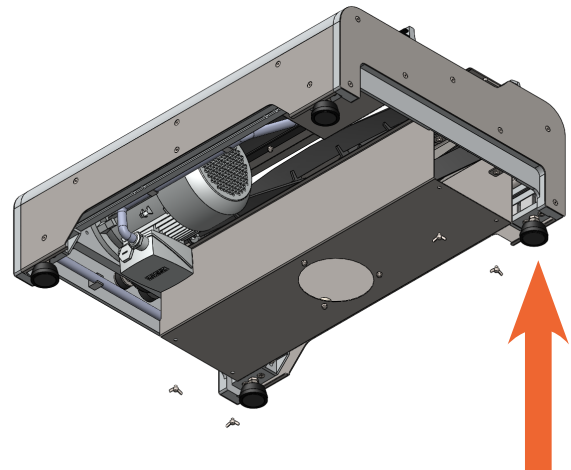
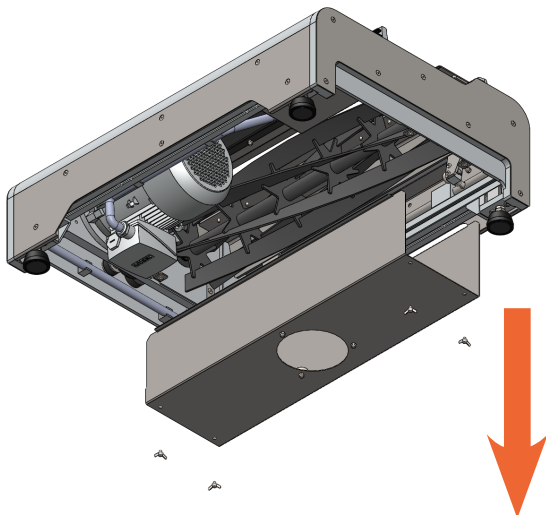
**We recommend to clean the cutting blades edge, rotor and upper frame.**

**i** Always disconnect the machine from the power source before cleaning of the machine.

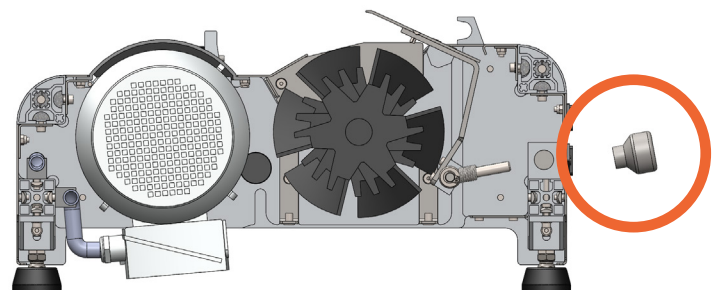
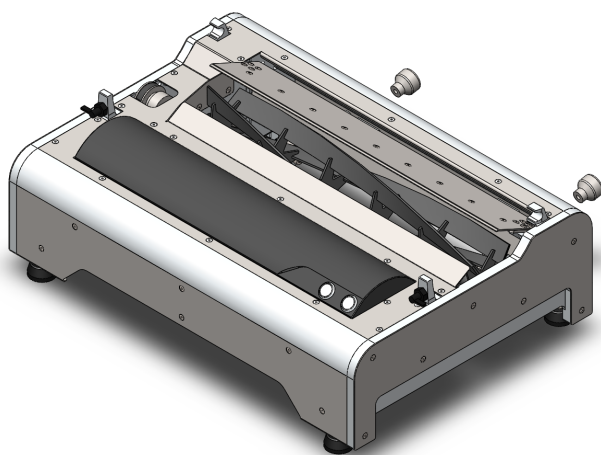
We don't recommend to clean the surface with hard materials, especially iron tools!  
There is a risk of damage to the surface which may result in corrosion!

**i** Pay close attention to avoid injury from contact with sharp parts of the machine.

### Cleaning of the rotor

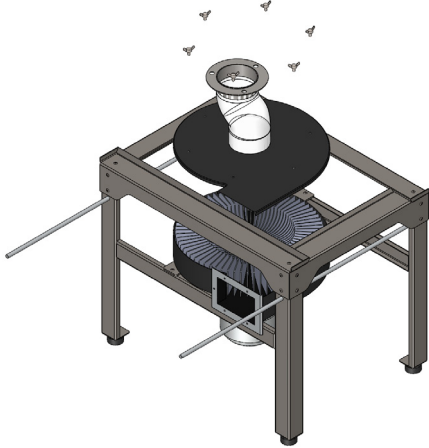


### Cleaning of the blade



**i** Dismount the handling wheels in order to tilt out the cutting blade.

## Ventilator cleaning



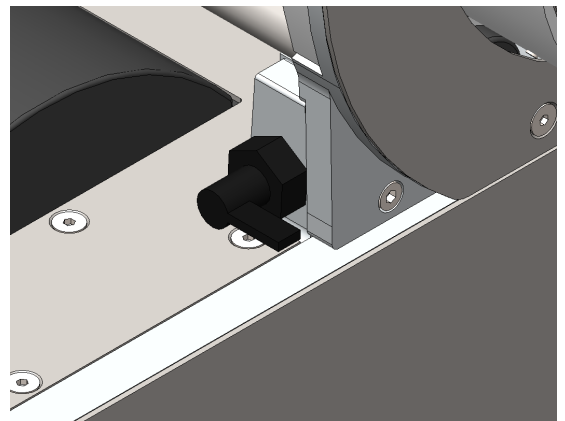
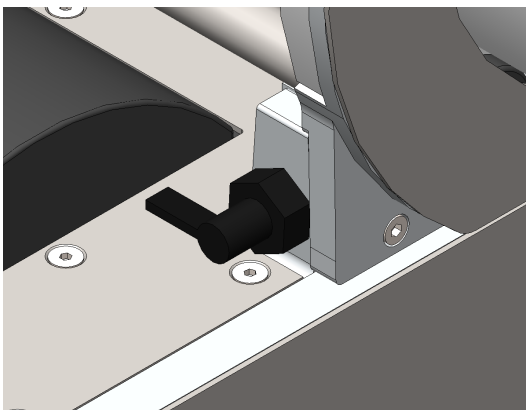
**i** Before cleaning of the ventilator unscrew the winged screws and remove the upper flange from the ventilator.

## 3.6 UPPER FRAME EXCHANGE

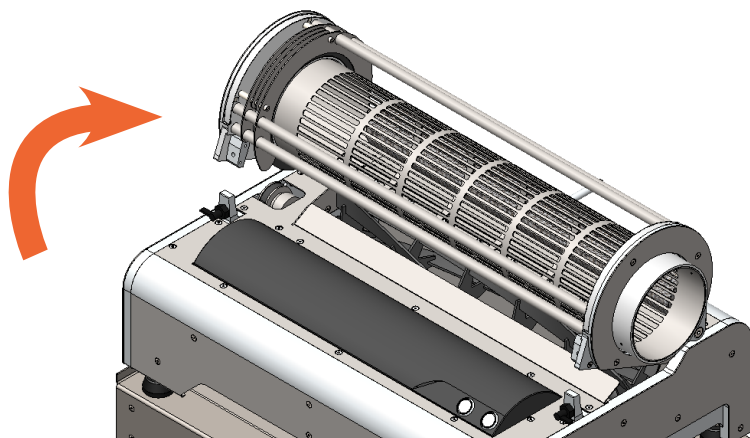
**Use maximum caution when exchanging the upper frame and follow these instruction:**

**i** Make sure the machine is unplugged from electricity and its parts are not moving.

1. Turn the levers

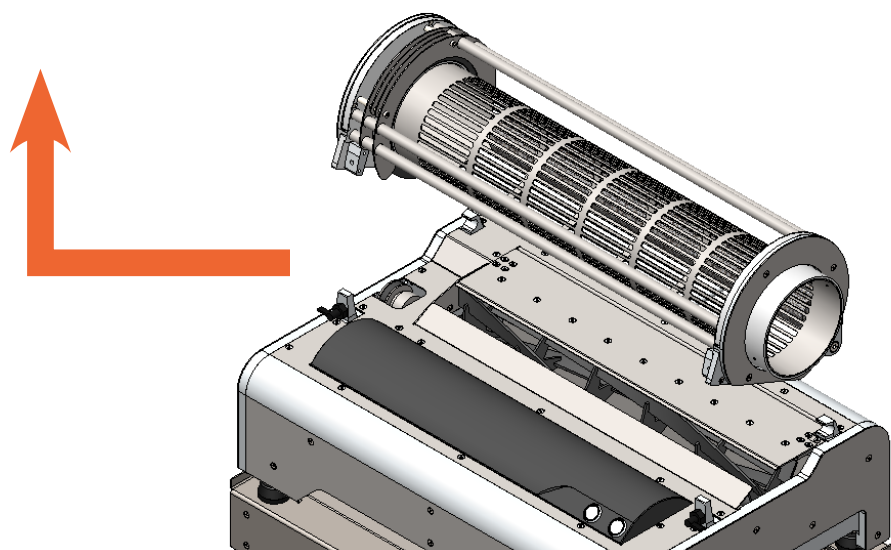


2. Take the upper frame with both hands and move the front side up.





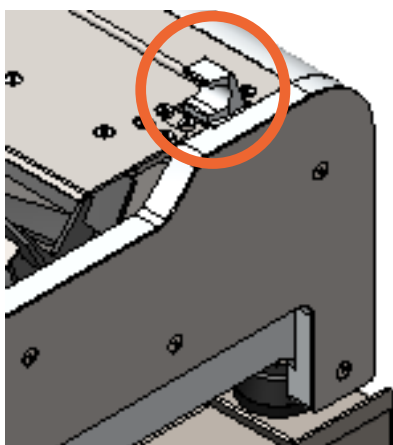
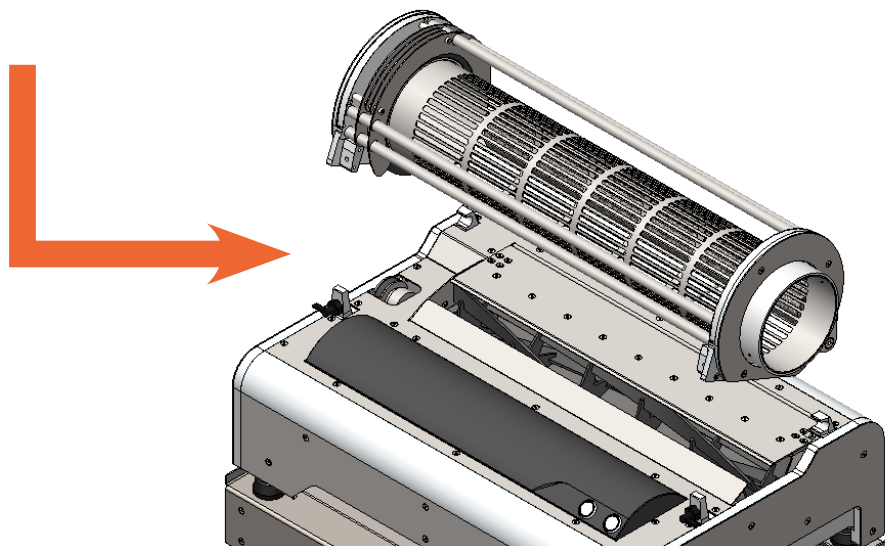
3. Move the frame towards you and remove it completely.



4. Put the upper frame aside carefully.

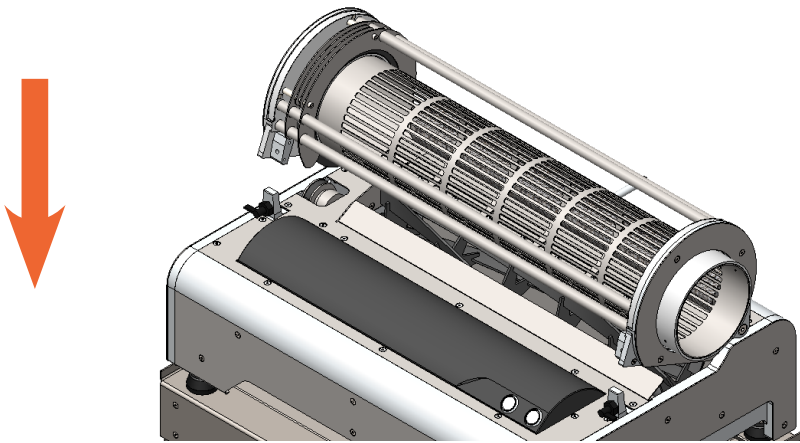
### Installation of the upper frame:

1. Take the upper frame with both hands – see picture

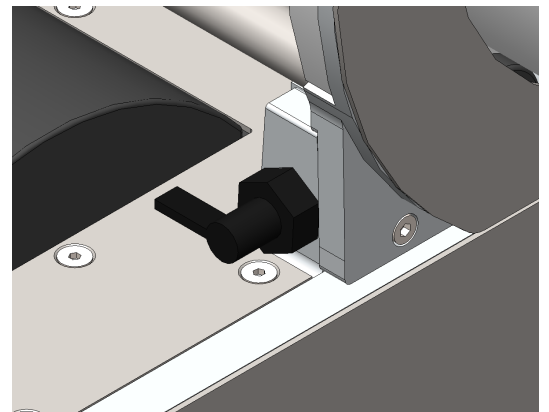
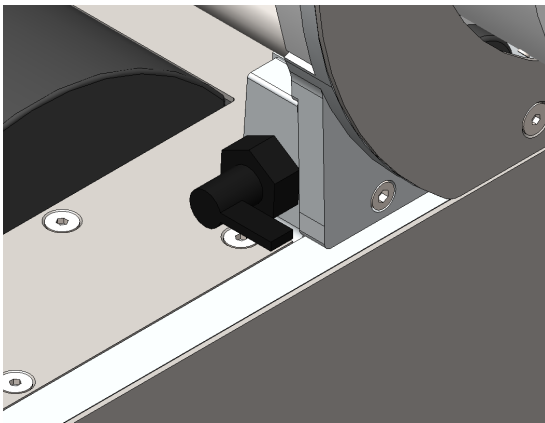


**i** During installation make sure the upper frame bar is inserted correctly into the lock on the machine.

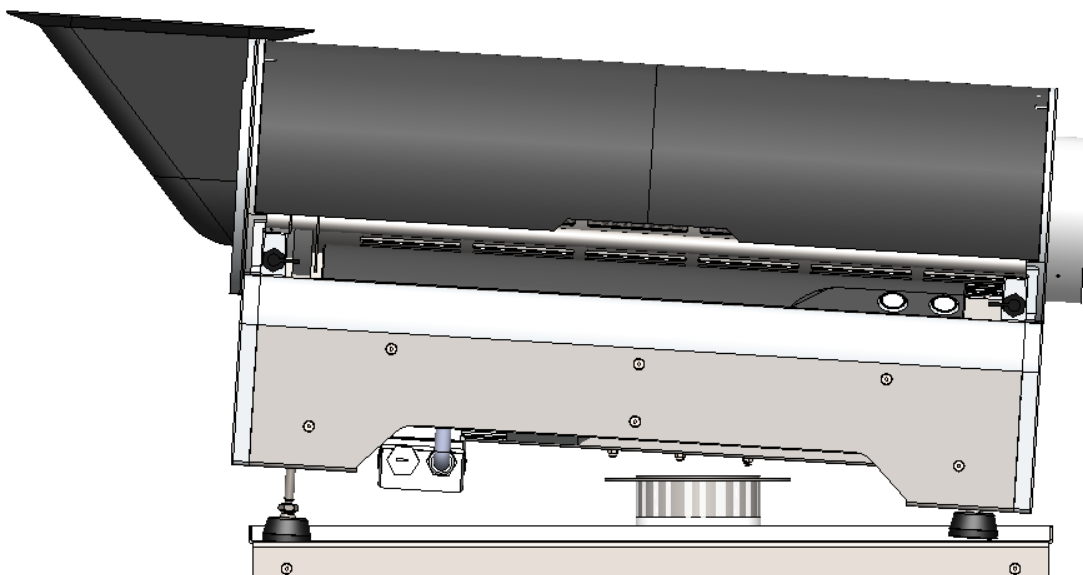
2. Let the upper frame sit on the machine.



3. Lock the levers



4. Install the upper cover, the chute and you are ready



## 4. CLEANING

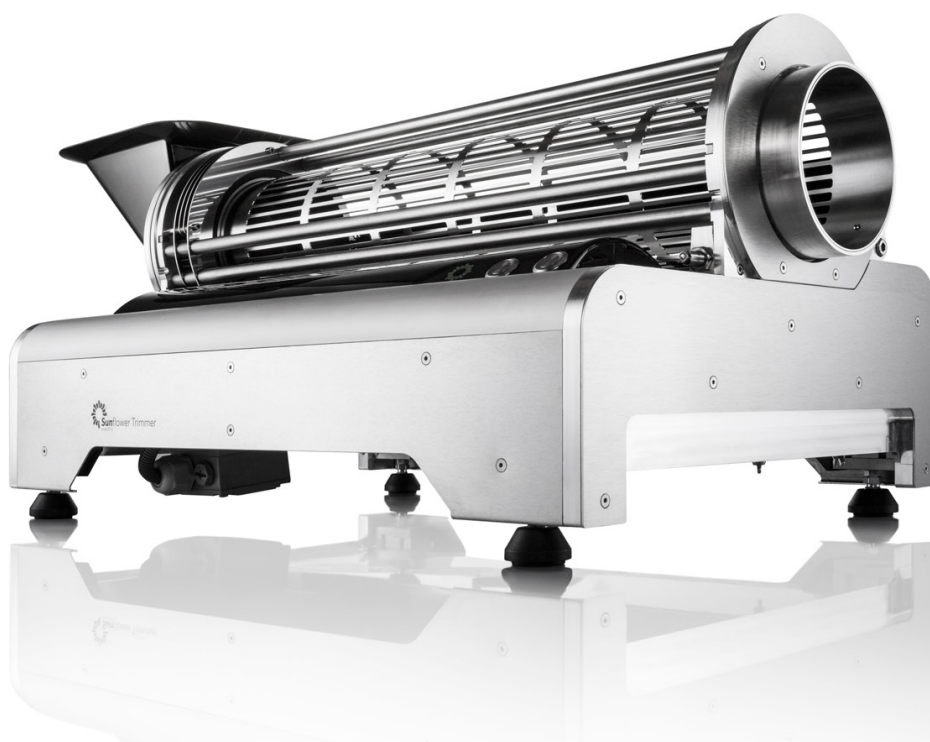
**After each use of the trimmer we recommend the following:**



- 1. Clean all dirty spots of the machine using alcohol-based cleaner or other solvent.
- 2. Make sure no cut pieces of the plant getting outside of the cutting area.
- 3. Clean the rotor of ventilator.
- 4. Empty the waste bag.

## 5. STORAGE

**Store your machine in clean and dry place!**



## 6. WARRANTY FORM

**In order to acquire a 5 year warranty according to our warranty conditions available on [www.sunflower-trimmer.com](http://www.sunflower-trimmer.com) it's necessary to complete the following:**

- 1. Fill out and keep the warranty form.
- 2. Complete the warranty form with stamp of the seller and date of purchase.
- 3. Send a confirmation of purchase to: **info@sunflower-trimmer.com** latest within 30 days from the date of purchase. Include name of the retailer, date of purchase and serial number of the machine.
- You will receive a confirmation by email within one week.

Model of the machine

**AUTOMATIC - L**

Serial number:

Stamp Sunflower-Trimmer, s.r.o.:

Stamp seller:

### **Sunflower-Trimmer, s.r.o.**

Kaprova 42/14

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The Czech Republic

tel.: +420 602 418 139

e-mail: [info@sunflower-trimmer.com](mailto:info@sunflower-trimmer.com)

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Made in the Czech Republic





[WWW.SUNFLOWER-TRIMMER.COM](http://WWW.SUNFLOWER-TRIMMER.COM)