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## 1. GENERAL GUIDELINES

### 1.1. Objective of the manual

This manual instructions manual allows the users to familiarize their-selves with:

- How to work with the machine
- How to use the machine
- Security guidelines
- Maintenance

### 1.2. Where to keep the manual

Always keep the instructions manual by the machine. The instructions must always be on hand.

## 2. WARRANTY

All the Master Product machines have 10 years warranty for the all defective parts provided by the manufacturer.

The manufacturer is not responsible for misuse or bad maintenance of the machine.

For the warranty it is necessary to show the invoice.

Contact: [info@masterproducts.es](mailto:info@masterproducts.es)

### Security symbols

In this manual the following symbols are used to indicate danger and important information.



**DANGER**

**Danger:** This symbol signifies that there is an immediate danger of health and/or mortality.

Ignoring these warnings could result in grave effects on health, including serious injury leading to mortality.



**WARNING**

**Warning:** This symbol signifies that there is a possible immediate danger to health and life.

Ignoring these warnings could result in grave effects on health, including serious injury leading to mortality.



**TAKE CARE**

**Take care:** This symbol signifies the existence of a possibly dangerous situation.

Ignoring these warnings could result in grave effects on health, including serious injury leading to mortality.



**IMPORTANT**

**Important:** This symbol gives important guidelines for the correct use of the machine.

Ignoring these warnings could result in grave effects on health, including serious injury leading to mortality.



**INFORMATION**

**Information:** Under this symbol suggestions and practical information is found.

Ignoring these warnings could result in grave effects on health, including serious injury leading to mortality.

**3. INSIDE THE BOX**



**1 Block MT Tumbler**



**Vacuum  
MasterTrimmer**



**Power cable**



**Cleaning Kit**



**2,5 meters of tube**



## 4. BASIC SAFETY GUIDELINES

The MASTERTRIMMER machines can only be used by individuals that have read and understood the respective instructions and maintenance manual.

The MASTERTRIMMER machines are built for a safe use in accordance with the level of technology. However, if used in an incorrect manner it can result in various risks.

### 4.1. Who can use the MASTERTRIMMER.

The MASTERTRIMMER machine can only be used by an adult who has read and understood the instructions manual. The unit will have to be switched off for any unusual operation and that might affect the electrical installation, including; moving the machines, transporting the machine and maintenance (such as cleaning the machine). In any case the machine has to be disconnected from the electrical power to ensure that it cannot switch on.

### 4.2. Repairing the MASTERTRIMMER

Only a qualified MASTERTRIMMER worker can disassemble, repair and install new parts, in the case of the machine's warranty period, only a MASTERTRIMMER employee can work on the machine without losing the warranty.

### 4.3. How to switch off the MASTERTRIMMER

MASTERTRIMMER machines are switched off under any circumstances every time you press the switch on / off.

The detector of the grid has unique function of security, and CAN NOT be used to switch off the machine.

Before performing any maintenance on the machine you have to disconnect it from the main electricity supply.





#### 4.4. User's safety.

- The material that is fed to the grid of the machine can only be either wet herbaceous and / or semi-woody plants. Otherwise the movement can cause damage to the machine and injury the user.

**ALWAYS WEAR GLOVES AND SECURITY GOGGLES WHEN USING THE MACHINE AND AVOID LOOSE CLOTHING.**

- Keep hands and hard objects away from the blade.
- Do not look directly at the holes of the grids while the machine is working, as there are fragments that can shoot up and enter the eyes (always wear protective goggles).
- Only use the machine if it is in perfect condition, otherwise possible risks of injury to user can occur.
- Safety devices (switches, grid, racks ...) cannot be dismantled under any circumstances



## **5. DISCLAIMERS**

Modifications of the MASTERTRIMMER machines without the permission of the producer are not allowed. The manufacturer disclaims any liability for canceling the warranty for any modified machines and disclaims any liability for failures and accidents that may result.

During the warranty period MASTERTRIMMER machines may only be disassembled and repaired by the manufacturer mechanics or its representatives.

The operator who uses the machine must ensure that the crushed material is removed regularly, failing to do so involves a total loss of warranty.



## 6. TRANSPORT

The machine is transported in the boxes used by the manufacturer, in the position provided by the manufacturer.

Box 100x80x90cm. Weight: 90Kg



## 7. ELECTRICAL CONNECTION

The electrical connection of the MASTER TRIMMER machine must be carried out by a 230V power supply.



## 8. CONDITIONS OF USE

MASTERTRIMMER machines are only suitable to use indoors and under no circumstances to be exposed to moisture or water. Particularly, the electrical system must always be dry.

## 9. FUNCTION

MASTERTRIMMER machines can be used with all types of herbaceous and / or semi-woody plants. All materials that are not of this nature cannot be processed.

MASTER TRIMMER distributes a cutting mechanism that cannot be altered by the consumer. If the grid is changed or cleaned, it is essential to comply the safety regulations that are provided. Section 4

## 10. ASSEMBLE THE MACHINE

### 10.1. Assembling the machine.

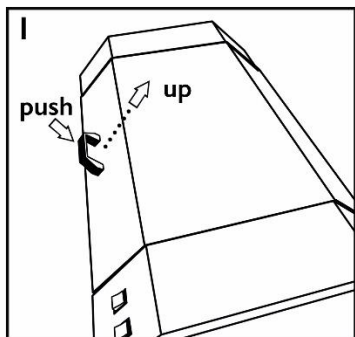
- Remove the machine of the pallet and place it in a flat surface.
- Mount the vacuum cleaner equipment (Manual at your disposal)
- Connect the vacuum cleaner equipment to the machine.
- Place the entrance hopper.
- Connect the machine and the vacuum cleaner to a power source. Now you can start working.

### 10.2. Assembling the vacuum cleaner. (Consult the manual of the vacuum cleaner)

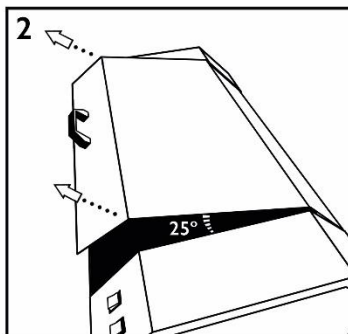




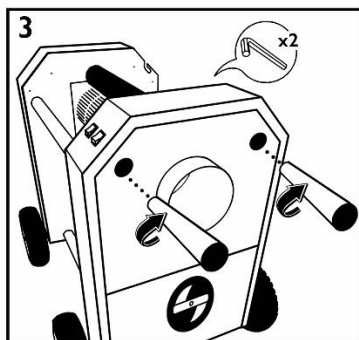
10.3. **Quick assembly of the machine.**



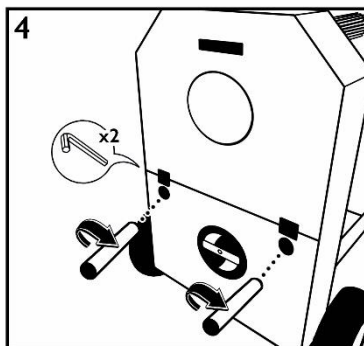
1. To open the lid, press and pull up.



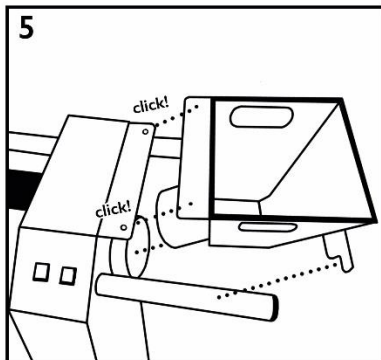
2. To remove the lid, keep it tilted as the drawing indicates and pull it.



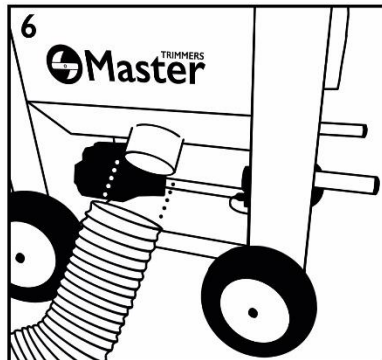
3. Place the long handles in the upper holes and collar the Allen screws



4. Place the short handles on the lower part and collar the Allen screws.



5. Place the entrance hopper with the positioners and supporting the Hopper on the handles.



6. Place the vacuum cleaner tube in the machine as indicated in the drawing.

#### 10.4. **Controls to be carried out before connecting**

- Make sure that the top and side covers are securely closed.
- Make sure the vacuum tube is correctly placed..
- Make sure that the drum is correctly placed and the blades are tight.

#### 10.5. **Connect the machine**

- Connect the machine to a power source
- Press the "ON" switch

#### 10.6. **Product Conditions**

The conditions of the material to work are very important. The MT Tumble has been designed to work the most varieties and it is capable of processing large quantities. Even though, we must pay attention to the way of use of the machine and the conditions of the product.

The MT Tumbler has been designed to work with wet and dry flowers (11-15% moisture content). The included drum is for working with wet flowers. Ask us if you want to dry peel.

### 10.7. **Preparation of the product**

Separate the flowers from the branches, without leaving branch stems with the flower.

When pelling in wet, it's recommended to remove the largest leaves before introducing material in the Tumbler. You can speed up the process by using our MT Standard machine.

The big leaves are often rolled with the flower, reducing the possibilities of the leaf of being cutt by the blade. Removing the excess of material will help you to achieve a final product of quality and increase the performance.

### 10.8. **How to use the machine.**

Take into account several aspects:

- 1- The inclination
- 2- Load speed
- 3- The time of the flower in the drum.

The recomnendation is to install the machine on a flat Surface. With a charge time of approximately a handful of lowers every 30\* seconds and with a time in the drum of 30-45 seconds.

When putting the new product in the machine, you'll notice that it pushes the flowers that are already inside the drum.

\* The loading time can vary depending on the conditions of your product.

### 10.9. **Quality Control**

Check the appearance of the flower when leaving the drum.

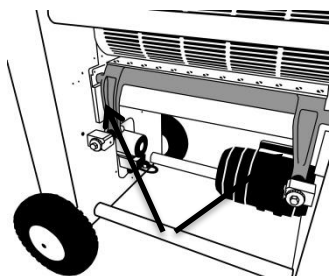
If the flower is not clean enough, it is usually because it hasn't been enough time in the drum. To improve the quality you should reduce the loading speed or reduce the inclination.

The ideal amount that the machine needs is half a drum.

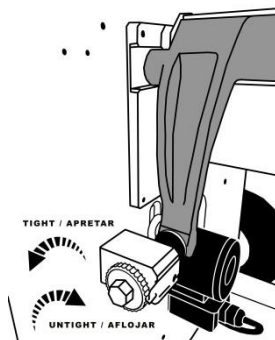
## 11. MAINTENANCE



### 11.1. Adjust the height of the blades

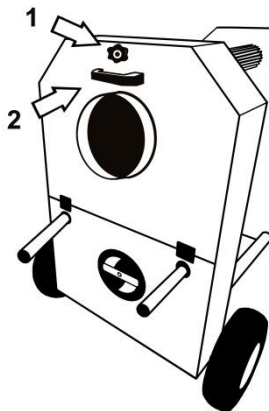


1. Blades adjusters. It is already adjusted at the factor. If it is handled it is important to square the two adjusters equally.



2. In order to close the cutting height, turn the adjuster to the left. To move the cutting height away, turn right. You can use the “click” as a reference of the completed laps.

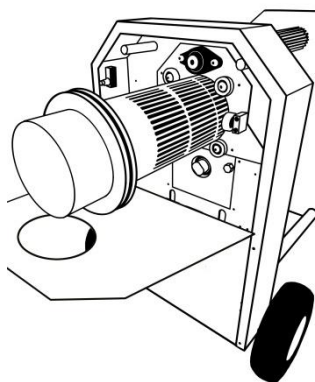
### Take out the drum



1.Remove the safety screw  
(1) Pull the handle (2)



2.Remove the drive belt by pulling  
it up

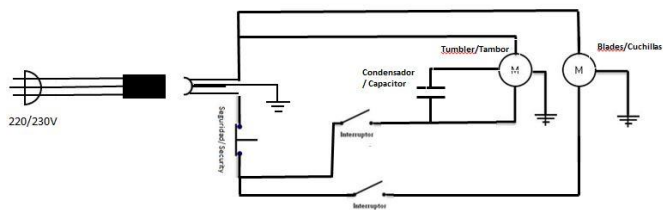


3.Once the drive belt is out,  
we can remove the drum by  
pulling it out.

## 11.2. Clean the blade and the grid

- It is necessary to clean the blades and the drum frequently with Master Clean cleaning liquid.
- **Before manipulating the machine, disconnect the it from the power source.**
- Open the side cover, remove the strap by pulling it up and pull the drum towards you.
- Now you have Access to the blades to clean them.

## 12. ELECTRICAL CIRCUIT



## 13. WASTE DISPOSAL



- The waste disposal should be done in accordance to the national laws

<b>14. RESIDUAL RISKS</b>
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Incorrect use of the machine.

<b>Reason</b>	<b>Danger</b>	<b>Remaining risk</b>	<b>Precaution</b>
<b>Look at the machine</b>	Danger of material expelled	Possible injuries to the face and eyes	See 3.4 of the instructions manual.
<b>Crushing explosive materials</b>	fire and explosion hazard	any danger of burn wounds	Only use the suggested material
<b>Maintenance</b>	Hand can get caught in the blades.	danger of serious injury or amputation	disconnect the machine from the power supply
<b>Putting fingers through the grid</b>	the blade may catch clothing or fingers	danger of serious injury or amputation	See 3.4 of the instructions manual.
<b>removing the safety devices or protective sheets</b>	The mobile parts can catch clothing, can injure members or lead to amputations	danger of serious injury or amputation	You may not remove the protective elements and safety devices