

# Terrazza MC<sup>®</sup>

Innovators in **green**  
**cleaning** technology

## Operating Manual

VERSION 2024

## Weedee PRO<sup>®</sup> HONDA GXV 160/ EGO ENGINE



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## Introduction

Dear reader,

This operating manual provides all information for safe operation of the Weedee PRO.

This machine has been designed and built in accordance with the state of the art and recognised safety rules and regulations. Nevertheless dangers for personnel or objects can occur, because not all danger zones can be avoided if the functionality is to remain intact. However you can prevent accidents due to these dangers by complying with the instructions in this operating manual. Moreover you will then be able to use this weed brush to its full capacity and avoid unnecessary disturbances.

---

### CAUTION!

There is danger of injury and danger of material damage when assembling, operating, and maintaining the weed brush.

Therefore:



- First read this operating manual carefully, prior to assembly and operation of the weed brush. Always comply with the instructions and information contained herein, particularly the safety instructions.
- If the operating manual is lost or in poor condition, request a new copy from the manufacturer (the same applies for parts of the operating manual).

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This operating manual only applies for the machine specified on the cover sheet and at the end of every page. Compare this information with the information on the rating plate of the weed brush.

After you have read the entire operating manual thoroughly for the first time, take good care of the operating manual over the entire service life of the weed brush, so that you can look up something later.

If you sell the weed brush, give this operating manual to the new owner.

All information, illustrations and dimensions in this operating manual are non-binding. No claims whatsoever can be derived from this information, illustrations or dimensions.

Reprinting or duplication of any type, including excerpts, requires the written permission of the manufacturer.

Conversion of, or changes to the weed brush are only permitted with the manufacturer's written consent. Unauthorised conversion voids any liability on the part of the manufacturer, as well as the guarantee.

Only use original spare parts and accessories that are approved by the manufacturer. Otherwise the design-specified characteristics of the machine, the functionality or the safety can be impaired. Consequently the use of other parts voids the liability for the ensuing consequences.

Contact your specialist dealer to order spare parts or accessories.

In addition comply with the instructions in the operating manual of the petrol motor manufacturer.

Terrazza MC assumes no liability for the content of the operating manual provided by the manufacturer of the petrol motor.

### Explanation of symbols, signs and direction indications

For better understanding, the following conventions are used for this operating manual:

1.

To emphasise important information, the following types of special notices are used:



---

#### **DANGER!**

- There is an imminent dangerous situation that results in death or serious injury if it is not avoided.
- 



---

#### **WARNING!**

- There is a possible dangerous situation that can result in death or serious injury if it is not avoided.
-



**CAUTION!**

- There is a possible dangerous situation that can result in minor injury or material damage, if it is not avoided.
- 



**ATTENTION!**

...indicates a possible dangerous situation that can result in material damage, if it is not avoided.

---



**NOTE**

...indicates useful tips and recommendations, as well as information for efficient and trouble-free operation.

---



...refers to important information in other sections and documents.

---

2.

Some texts serve a particular purpose. These texts are marked as follows:

- Listings.

⇒ Instructing text, e.g. a sequence of activities.

3.

In the text the sides of the machine are cited (left, right, front, rear). Left or right refers to the side that the operator of the machine sees viewed from the direction of travel. The work brush of the machine is mounted in front, the handlebar is mounted in the rear.

## **Table of contents**

|                                                                  |           |
|------------------------------------------------------------------|-----------|
| <b>Introduction</b> .....                                        | <b>2</b>  |
| <b>Table of contents</b> .....                                   | <b>5</b>  |
| <b>1 Safety</b> .....                                            | <b>8</b>  |
| 1.1 Intended use .....                                           | 8         |
| 1.2 Non-intended use .....                                       | 9         |
| 1.3 Product observation. ....                                    | 9         |
| 1.4 Requirement imposed on the operator or personnel .....       | 10        |
| 1.5 Danger zone .....                                            | 11        |
| 1.6 Work clothing .....                                          | 12        |
| 1.7 Safety devices and protective devices .....                  | 12        |
| 1.8 Safety regulations and accident prevention regulations ..... | 13        |
| 1.9 Disposal .....                                               | 14        |
| 1.10 Safety signs .....                                          | 15        |
| <b>2 Description</b> .....                                       | <b>16</b> |
| 2.1 Rating plate .....                                           | 16        |
| 2.2 Overview .....                                               | 17        |
| 2.3 Technical data .....                                         | 18        |
| Weedee weed removal brush .....                                  | 18        |
| Wire TECH brush .....                                            | 19        |
| Weedee PRO machine .....                                         | 19        |

---

## Table of contents

|                                                 |           |
|-------------------------------------------------|-----------|
| <b>3 Commissioning</b>                          | <b>20</b> |
| 3.1 Unpacking                                   |           |
| 3.2 Adjusting the handlebar height              | 20.       |
| 3.3 Mounting the braided wire brush elements    | 21        |
| 3.4 Mounting the synthetic tufts.               | 22        |
| 3.5 Mounting the brushes on the machine frame.  | 23        |
| 3.5.1 mounting the Weedee brush                 |           |
| 3.5.2 mounting the Wire TECH brush              |           |
| 3.6 Installing the splash guard.....            | 24        |
| <b>4 Operation</b>                              | <b>25</b> |
| <b>4.1 Preparatory activities</b>               | <b>27</b> |
| 4.1.1 Working with the Wire TECH brush          | 27        |
| 4.1.2 Working with the Weedee Brush.            | 28        |
| 4.1.3 Checking the motor oil level              | 29        |
| 4.1.4 Filling with fuel- fuel instructions.     | 29        |
| <b>4.2 Sweeping operation</b>                   | <b>29</b> |
| 4.2.1 Bringing the handlebar to working height. | 30        |
| 4.2.2 Handlebar lateral adjustment.             | 30        |
| 4.2.3 Adjusting the brush inclination           | 31        |
| 1) For the Wire TECH                            | 32        |
| 2) For the Weedee brush                         | 33        |
| 4.2.4 starting the motor.                       | 34        |
| 4.2.5 stopping the motor                        | 34        |
| 4.2.6 Switching the brushes.....                | 35        |

## Table of contents

|                                                 |           |
|-------------------------------------------------|-----------|
| <b>5 Maintenance and repair</b>                 | <b>36</b> |
| 5.1 Safety guidelines for maintenance & Repair. | 36        |
| 5.2 Regular maintenance tasks                   | 37        |
| 5.2.1 Maintenance schedule                      |           |
| 5.2.2 Maintenance records.                      | 38        |
| 5.2.3 Cleaning the weed brush.                  |           |
| 5.2.4 Checking and cleaning the air filter.     |           |
| 5.2.5 Replacing the braided wire elements.....  | 38        |
| 5.2.6 Replacing the synthetic tufts. ....       | 40        |
| 5.2.7 Replacing the paver protection plugs      |           |
| 5.3 Maintenance and repair verifications.....   | 41        |
| <br>                                            |           |
| <b>6 Decommissioning and preservation</b>       | <b>42</b> |
| <b>7 Faults &amp; fault rectification</b>       | <b>42</b> |
| <b>8 Specialist dealer</b>                      | <b>42</b> |
| <b>9 EGO Electric engine</b>                    | <b>43</b> |
| <b>10 Declaration of Conformity</b>             | <b>44</b> |

## **1 Safety**

The basic prerequisite for safe and trouble-free operation of the weed brush is knowledge of the safety instructions and safety regulations.

Consequently read this section carefully all the way through before operating the weed brush, and comply with the specified instructions and warnings. The safety instructions and warnings that you find at the appropriate point in the text of the following sections must be complied with. The manufacturer cannot be made liable if the instructions and warnings are not complied with.

In addition to the instructions contained in this operating manual, the statutory regulations, particularly the safety and accident prevention regulations, must also be complied with.

### **1.1 Intended use**

The Weedee PRO may only be used to clean paths and surfaces that are paved with concrete, asphalt, paving stones or slabs outside of closed rooms.

Intended use also includes compliance with all the instructions in the operating manual.



---

#### **DANGER!**

If the weed brush is used for a use other than the use described above, dangerous situations can occur for people or material damage can occur.

Therefore:

- Only use the machine for its intended purpose.
  - Always comply with all the instructions in this operating manual.
  - Particularly refrain from the uses of the weed brush listed in section 1.2. They are considered non-intended use.
-



## **1.2 Non-intended use**

Any use that deviates from that described in section 1.1, is considered non-intended use.

For example, non-intended use of the weed brush occurs when

- it is used to clean unpaved surfaces e.g. gravel paths,
- It is used with non-approved braided brushes
- it is used in enclosed spaces, e.g. halls, or barns,
- It is manoeuvred or transported with the combustion motor switched on or with the brushes rotating
- it is operated in faulty condition or with safety-relevant faults,
- it is used without the safety cladding elements that are installed as standard equipment,
- unsuitable personnel are assigned to operate the weed brush.
- It is made heavier to increase the braided brush pressure

## **1.3 Product observation**

Notify us without delay if faults or problems occur when operating your weed brush, or if accidents occur or nearly occur.

Together with you we will find a solution to the problem and allow the knowledge gained to flow into our subsequent work.

## 1.4 Requirements imposed on personnel

Handling the weed brush is only permitted for persons,

- who are at least 16 years old,
- who are physically and mentally suited to do so,
- who have read and understood this operating manual, and
- from whom it is expected that they responsibly perform the tasks assigned to them.

Commissioning, maintenance, repair and disposal of the weed brush may only be executed by a specialist workshop or by persons with appropriate technical training and experience.

## 1.5 Danger zone

The danger zone is the area in which the safety or the health of persons is jeopardised. Consequently no one should be in this area when the weed brush is in operation.

---

### WARNING!

For persons in the danger zone there is danger of injury due to rocks or other foreign objects, or parts of the brush that are thrown upwards by the machine

Therefore:

- Only operate the weed brush if no one is in the danger zone.
- Carefully observe the danger zone and stop the weed brush if persons enter the danger zone.
- Before starting to work with the machine, foreign objects must be removed from the area that will be processed. When working with the machine, look for other foreign objects and remove them in good time.



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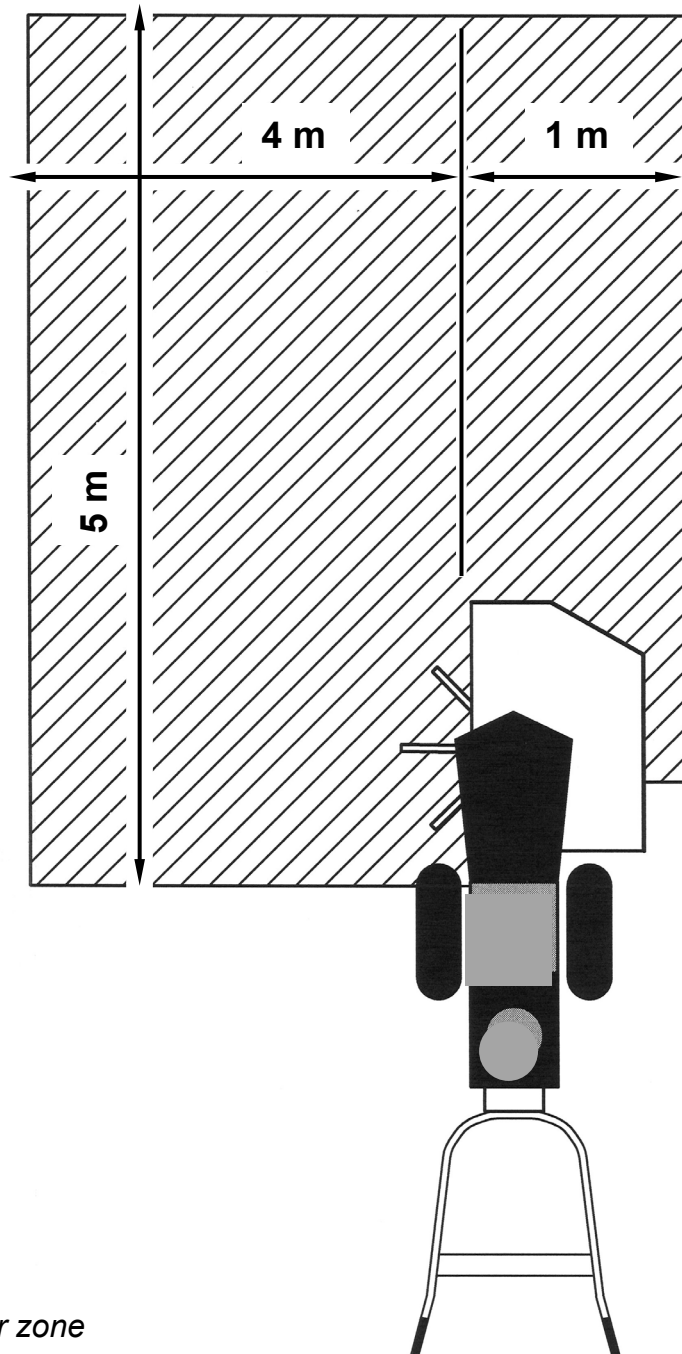
The danger zone is shown in the sketch (see Fig. 1, on the next page):

A top view of the weed brush is shown. The shaded area is the danger zone.



**NOTE**

When swinging the weed brush to the right or left this change in direction also applies for the danger zone.



*Fig. 1: Danger zone*

---

## 1.6 Work clothing

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### **WARNING!**

Unsuitable, loose work clothing, bandannas, ties, and scarves could be caught by the weed brush and pulled in.

Severe injuries would be the result.

Therefore:

- When operating the weed brush, and for maintenance and repair tasks, always wear suitable tight-fitting work clothing.
- Because the possibility of rocks, or other objects, or ground particles (e.g. due to bouncing of walls) being thrown as far as the operator station or even further cannot be completely excluded, it is necessary to wear protective equipment: Long sturdy trousers, sturdy shoes, particularly protective goggles and protective gloves.



---

## 1.7 Safety devices and protective devices

### **1.7.1 Safety switch** (see Fig. 3)

The switch lever on the left hand grip is designed as a dead man's switch. After pressing the switch lever against the handlebar, it is possible to start the motor. As soon as the motor starts up the brush head also starts to rotate. The brush cannot be switched separately.

To bring the weed brush to a standstill, simply release the switch lever.

### **1.7.2 Splash guard and brush cover** (see Fig. 3)

The splash guard reduces the danger zone. It must only be taken off for maintenance or repair tasks.

### **1.7.3 V-belt guard** (see Fig. 3)

The belt drive in the interior of the weed brush is considered a danger zone and is protected against access by the front protective cover and the housing.

## **1.8 Safety regulations and accident prevention regulations**



Comply with the following instructions to avoid injury and material damage. In addition, for commercial use comply with the safety and accident prevention regulations issued by the Employers Liability Insurance Associations.

- Only operate the weed brush with properly mounted safety devices and protective devices (see section 1.7). These devices may only be dismantled for maintenance and repair tasks. After concluding these tasks the safety devices and protective devices must be immediately remounted. Otherwise there is significant danger of injury.
- Only use the weed brush for its intended use, otherwise dangerous situations can occur with serious or fatal injuries as the result (intended use: see section 1.1).
- Due to poor lighting conditions during operation a number of dangers can occur. Only operate the weed brush if there are adequate light conditions at the implementation site.
- Guide the weed brush at a very slow walking pace (max. 1.2 km/h).
- The motor must be switched off before you refuel the machine or leave the machine.
- For tasks along walls of hedges there is danger of hand abrasion injuries. Position the handlebar diagonally so that with the left handlebar grip you maintain an adequate distance to the wall or hedge.
- Maintenance and repair tasks may only be executed by the specialist dealer or by specialised personnel.
- High voltage on the ignition cable and spark plug connector! Always switch the weed brush off with the motor switch lever, before performing tasks on the ignition cable or spark plug connector. (Also comply with the instructions provided by the motor manufacturer).

- Comply with the instructions on the safety stickers that are located on the weed brush. Safety stickers must not be removed. If they have become illegible or have been lost, they must be replaced (meaning of the stickers: see section 1.10). Contact your specialist dealer to order new stickers.
- Wear tight-fitting clothing. Long hair must be tied back.

Do not operate the weed brush in faulty condition; significant injury hazards can occur. If faults occur switch off the weed brush and initiate the repair.

- Switch off the weed brush prior to performing repair tasks, including cleaning tasks. Ensure that no other person can restart the weed brush (e.g. pull off the spark plug connector). Otherwise there is danger of injury.
- Only use original spare parts and accessories that are approved by the manufacturer. The use of other parts voids the liability for the ensuing consequences.
- Execution of the specified maintenance and repair tasks is part of intended use of the weed brush; intended use particularly includes compliance with the maintenance intervals. If you do not execute these tasks, faultless function cannot be ensured. Dangers for personnel and objects can occur. We recommend that you keep maintenance logs.

## **1.9 Disposal**

After its service life, only have qualified specialists dispose of the weed brush. The manufacturer assumes no liability for damage that occurs due to improper disposal.

## 1.10 Safety signs on the weed brush

### WARNING!

Danger of injury due to ignorance of the danger zones.

The stickers attached on the weed brush contain warnings of specific dangers as well as instructions for correct operation. The stickers supplement the instructions specified in this manual.

Therefore:

- Always comply with the warnings affixed on the weed brush.
- Do not remove any warning stickers
- Replace warning stickers that come off of the machine or that have already been lost.



| Stickers                                                                            | Meaning                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | Before using the weed brush, the operating manual must be read. All information contained in the operating manual must always be complied with.<br><br>Position: On the rear of the machine in the operator's field of vision. |
|  | Warning - general dangers.<br><br>Position: On the rear of the machine in the operator's field of vision.                                                                                                                      |
|  | Warning - hot surface.<br><br>Position: On the motor.                                                                                                                                                                          |
|  | Warning - tossed-up sweepings.<br><br>Maintain distance.<br><br>Position: On the left side of the brush deck                                                                                                                   |

|                                                                                   |                                                                                                                |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
|  | <p>Wear protective goggles!</p> <p>Position: On the rear of the machine in the operator's field of vision.</p> |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|

## 2 Description

With the Weedee PRO weeds are removed with motor power from paved surfaces outside of enclosed spaces.

The weed brush consists of a sheet steel housing, on which a petrol motor is mounted. The drives a plate with 8 adjustable and replaceable braided steel wire elements.

The weed brush has a handlebar with which it is guided by a pedestrian, and from which it is placed in operation. This machine does not have a drive mechanism.

### 2.1 Rating plate

A rating plate is attached on the machine, it contains the basic data for the machine (see Fig. 2). The rating plate is on the left side of the weed brush below the motor.

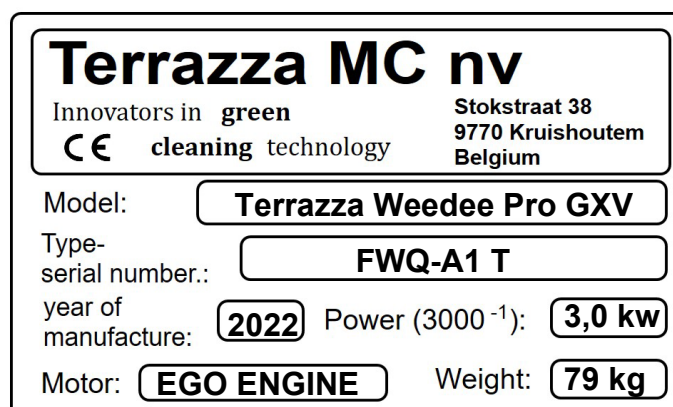
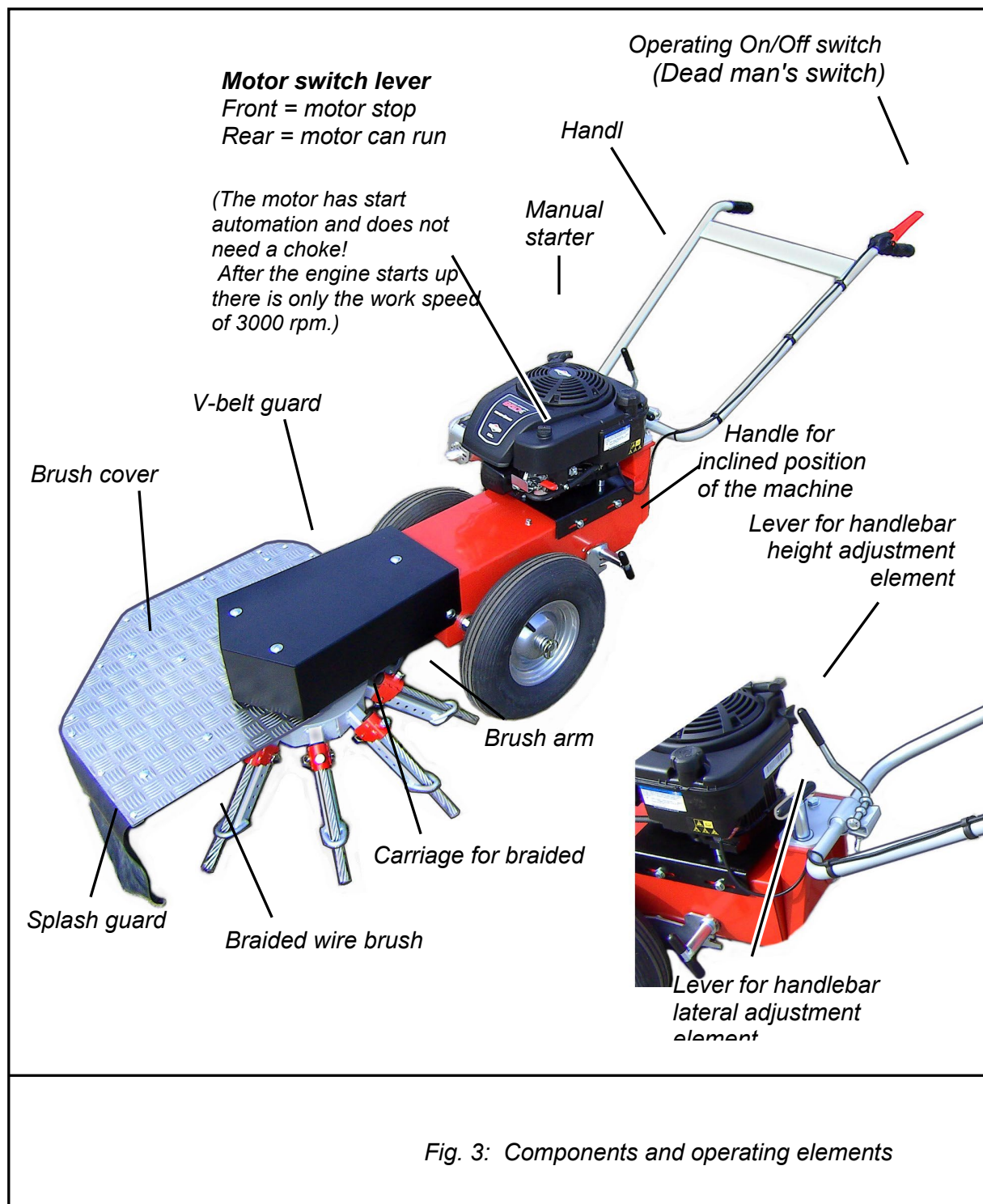


Fig. 2: Rating plate



## 2.2 Overview



## 2.3 Technical data

| Dimensions, weight, motors |                                 |
|----------------------------|---------------------------------|
| Work width                 | 70 cm                           |
| Weight                     | 79 kg                           |
| Motor                      | Honda GXV 160 OHV<br>EGO PU2700 |

| Hand/arm vibrations on the weed brush |                               |
|---------------------------------------|-------------------------------|
| Total oscillation value               | $a_{hwd} = 5.3 \text{ m/s}^2$ |
| Total oscillation value EGO           | $a_{hwd} = 3.9 \text{ m/s}^2$ |

| Noise emission value of the weed brush                |                                               |
|-------------------------------------------------------|-----------------------------------------------|
| Sound power level                                     | $L_{WAd} = 97 \text{ dB(A)/1 pW}$             |
| Sound power level EGO                                 | $L_{WAd} = 92 \text{ dB(A)/1 pW}$             |
|                                                       |                                               |
| Sound pressure level at the operator's ear            | $L_{pAd} = 88 \text{ dB(A)/20 } \mu\text{Pa}$ |
| Sound pressure level at the operator's ear EGO Engine | $L_{pAd} = 83 \text{ dB(A)/20 } \mu\text{Pa}$ |

| Weedee weed removal brush                                                           |        |
|-------------------------------------------------------------------------------------|--------|
| Weight                                                                              | 7,7 kg |
| Height                                                                              | 30 cm  |
| Diameter                                                                            | 50 cm  |
|  |        |

|                                                                                   |                 |
|-----------------------------------------------------------------------------------|-----------------|
| Wire TECH brush                                                                   |                 |
| Weight                                                                            | 10 kg           |
| Height                                                                            | 25 cm           |
| Diameter                                                                          | Synthetic tufts |
| Braided tufts                                                                     |                 |
|  |                 |



---

## 3 Commissioning

---

### CAUTION!

Danger of injury and danger of material damage due to improper assembly of the weed brush.

Therefore:

- The completion and all necessary adjustments, incl. trial run, are included in the scope of delivery and must be executed by the specialist dealer prior to transfer to the customer!



---

### 3.1 Unpacking

- ⇒ Place the packed machine on level ground
- ⇒ Open the box on the top
- ⇒ Cut open the corners of the box to the floor.
- ⇒ Set up the handlebar in accordance with section 3.2 and roll the weed brush away from the packaging.
- ⇒ Dispose of the packaging in accordance with the waste disposal regulations issued by your municipal

### 3.2 Adjusting the handlebar

See Fig. 3 for adjustment of the handlebar

---

### CAUTION!

Danger of injury and danger of material damage when raising the steering arm.

When lifting up the steering arm there is a crush hazard between steering arm and motor.

Therefore:

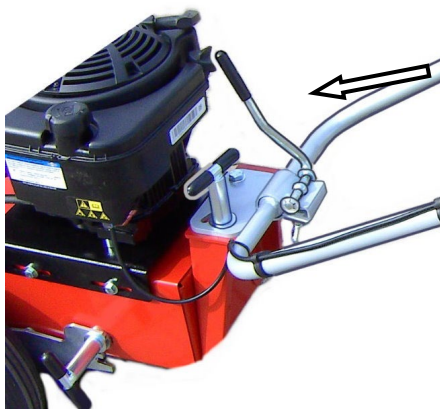
- Carefully lift up the steering arm.
- When lifting up the steering arm pay attention to the cable on the left handlebar.



- ⇒ Pull back the lever of the steering arm height adjustment until the steering arm can be moved.
- ⇒ Swing the handlebar into operating position.
- ⇒ Push the lever for the handlebar adjustment mechanism forward until the handlebar is locked in place.

The lever for the steering arm height-adjustment should be forward approx. 30° when the handlebar is fixed in place. It should not touch the motor under any circumstances.

With the lever released, the "fixed in place" position can be set with the wing nut underneath the clamp foot.



### 3.3 Mounting the braided wire elements

To prevent the braided wire brush elements from bending during shipment or storage, they are packed separately and provided with the new machine must be mounted as part of the commissioning process.

#### CAUTION!



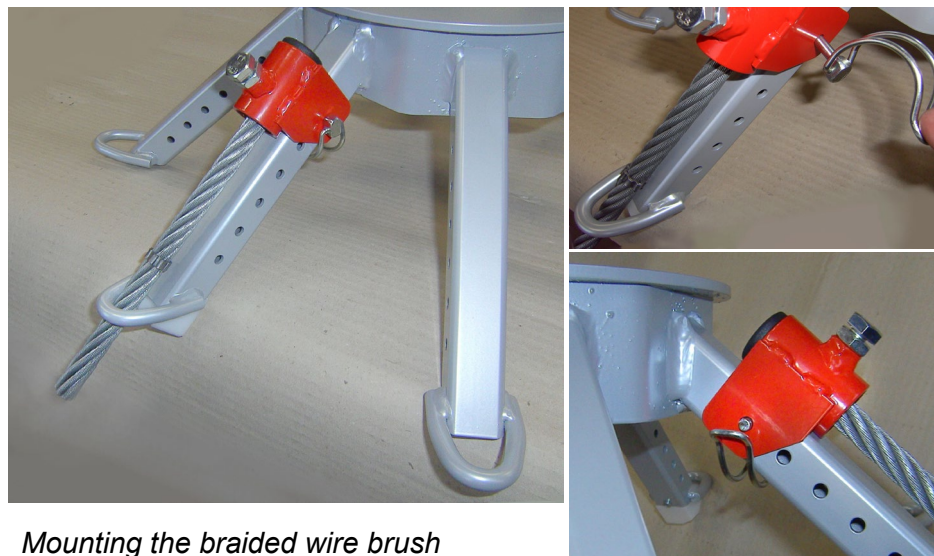
Danger of injury when mounting the braided wire brush elements due to pricking through the steel rope wires and/or pinching of fingers on the tubular hinged linch pins.

Therefore:

- Wear robust leather gloves for mounting.

- ⇒ Have a second person help to push the machine downward with the handlebar far enough that the brush arms are approximately 10 cm away from the ground.
- ⇒ Open and remove the tubular hinged linch pin from a red braided wire brush element carriage.
- ⇒ As shown in Fig. 4, guide the end of the braided wire brush element through the catch eye on the end of a brush arm.
- ⇒ Then tilt the red braided wire brush element carriage, in this process the clamp screw points to the outside.
- ⇒ Now insert the pin of the tubular hinged linch pin through the aligned bores of carriage and brush arm. Select the top-most mounting possibility.
- ⇒ Close the bracket of the tubular hinged linch pin so that it encircles the support arm from the inside.

The braided wire brush elements should not project more than approx. 7 cm beyond the end of the brush arm, otherwise the effectiveness of the brush is impaired.

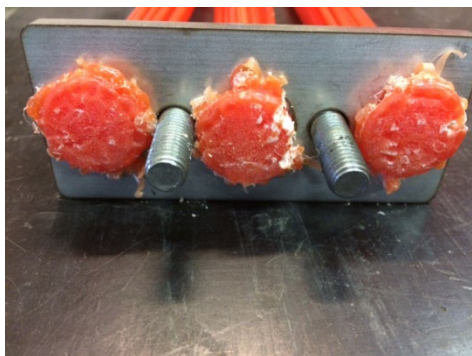


*Fig. 4: Mounting the braided wire brush*



### 3.4 Mounting the synthetic tufts

The synthetic tufts are mounted on a metal plate that is easily attached to the brush frame.



**Fig.1**



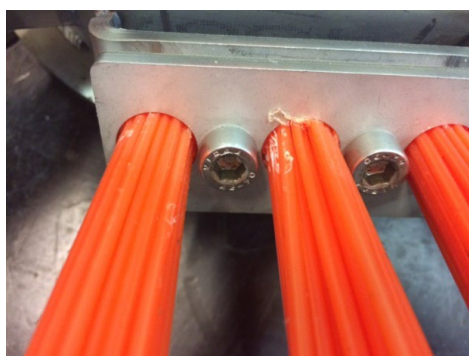
**Fig.2**



**Fig.3**



**Fig.4**



**Fig.5**

Use an Allen key and a n° 13 key to attach the metal plate.

### 3.5 Mounting the brushes on the machine

Two brushes can be mounted on the Weedee PRO machine. Depending on the kind of work one can either use the Weedee brush to remove short weed and mosses. The Wire TECH can be used for long, lush weed on larger surfaces.

When in doubt, one can always test on a m2 .

#### 3.5.1 Mounting the Weedee

The connector, mounted on the brush plate , fits in the connector mounted on the machine.  
( fig. 1)

The bayonet connector is easily mounted onto the connector (fig. 2) by turning to the right until one can no more move it any further.(fig.3)

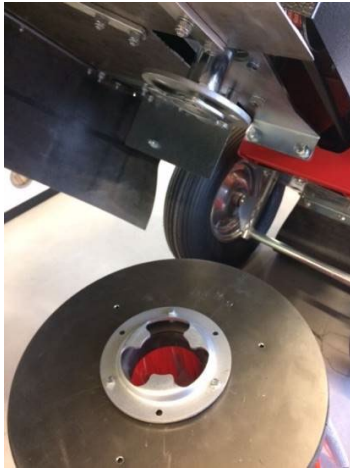


Fig .1



Fig.2



Fig.3

#### 3.5.2 Mounting the Wire TECH

Same mounting system as the Weedee brush : align the connectors and turn to the right until you hear a click and the brush is locked (fig 1-2) .



Fig.1

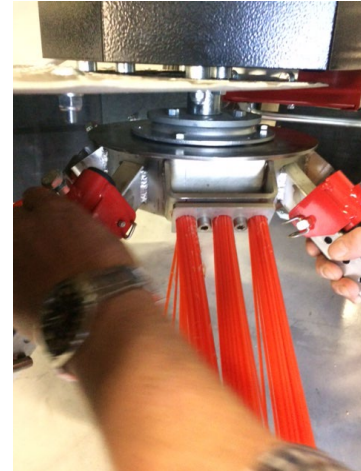
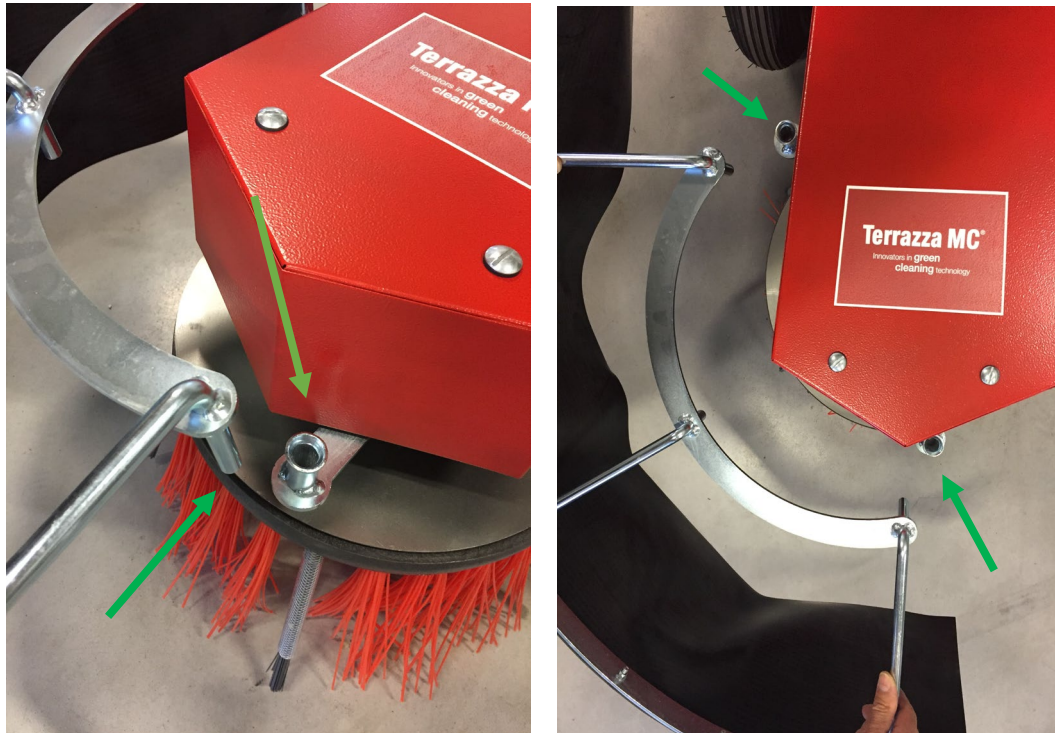


Fig.2

### 3.6 Installing the splash guard / safety cap



Insert the pins of the splash guard in the 2 holders mounted on the machine.



## 4 Operation

---



Prior to operation always read the instructions in the Safety chapter (see chapter 1)!

---

### **WARNING!**

Danger of injury when operating the weed brush.

Tossed-up objects can hit and injure persons who are in the danger zone.

Therefore:

- Ensure that no one is in the danger zone (see Fig. 1).
  - Always observe the danger zone when working with the weed brush.
  - Carefully observe the danger zone and stop brush rotation if persons enter the danger zone.
  - The user is responsible relative to third persons who are in the work area (entire area that will be processed).
- 
- 



### **DANGER!**

Life-threatening danger due to movements of the weed brush.

When operating the weed brush on slopes, the weed brush can start moving without control, due to gravity.

Therefore:

- For tasks on sloping terrain always bear in mind that there is a possibility of the machine rolling off.
  - If possible, guide the weed brush on slopes transverse to the direction of the slope.
  - Do not use the weed brush on terrain with a slope of more than 37% (20 degrees).
- 





---

**WARNING!**

Danger of injury due to dismantled or non-functioning protective devices and safety devices.

If protection and safety devices are converted, bypassed or dismantled, they no longer fulfil their function.

Therefore:

- Do not convert or bypass protective devices and safety devices.
  - Always remount protective devices and safety devices immediately (if removed, for example, for service and maintenance purposes).
- 



---

**CAUTION!**

Danger of burn injuries on the motor at operating temperature.

Therefore:

- Do not touch the motor during operation.
- 



---

**CAUTION!**

Danger of injury and danger of material damage if the weed brush is operated in faulty condition.

Therefore:

- Perform a visual inspection prior to each start of the machine.
  - Prior to each start check the operating elements for firm seat and function.
- 



---

**WARNING!**

Danger of poisoning when operating the weed brush in enclosed spaces.

When operating the weed brush in enclosed spaces there is danger of poisoning due to exhaust gases and petrol fumes.

Therefore:

- Only operate the weed brush outside of enclosed spaces.
-

### **WARNING!**

Danger of poisoning and danger of material damage when parking the hot weed brush in enclosed spaces.

When parking the hot weed brush in small, enclosed spaces there is danger of explosion due to petrol fumes.



Therefore:

- After operation let the machine cool down outdoors.
- Only park it in a closed room after it has cooled down.

---

### **WARNING!**

Danger of injury and danger of material damage if the weed brush is operated by unauthorised persons.

Therefore:

After operation store the weed brush in a locked area.



## **4.1 Preparatory activities**

### **4.1.1 Working with the Wire TECH brush**

#### **1) Checking the status of the braided wire elements**

The braided wire brush elements fray to a greater or lesser extent in operation. This is intentional. If due to wear only a few wires per braided brush elements still remain, the brush carriage (red) should be shifted 1 hole further downward in the brush arm (see section 3.3). In the workshop area the frayed wires should be removed with an angle-grinder or wire cutters.

If the braided wire brush elements project only 3.5 cm over the squared tube, the brush carriage (red) must be shifted 1 hole downward (see section 3.3). The braided wire brush elements should not protrude more than 7 cm over the end of the tube.



## 2) Checking the status of the synthetic tufts

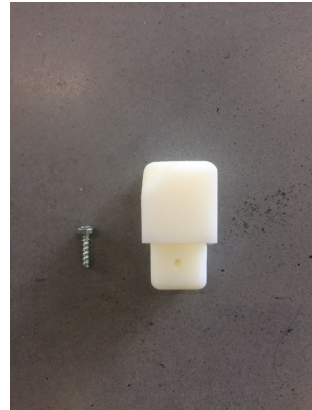
Always make sure the synthetic tufts are a couple of centimetres longer than the metal braided brush elements.

The synthetic tufts should be replaced as soon as they are shorter than the metal braided elements. ( see 5.2.6 replacing the synthetic tufts)

## 3) Inspecting the paver protection plugs

In every 2nd brush arm a plastic plug is mounted, which, if braided wire brush elements are worn, ensures that the carrier construction for the brushes does not damage the pavers.

Replace worn plugs in good time. Fastening occurs with a special screw (Torx TX20) on the inside of the brush arm.



## 4.1.2 Working with the Weedee brush



The minimum length of the tufts is +- 15 cm, however one is free, depending on the type of job to use the brush at their own discretion and to replace the brush as desired

### 4.1.3 Checking the motor oil level

Each time before starting work, check the motor oil level and correct it if necessary. Information is in the motor operating manual that is provided with the machine.

### 4.1.4 Filling with fuel – fuel instructions



Before starting, fill at least half full with fuel. (E10 is permissible, however for longer periods of non-use, we strongly recommend the use of Super Plus, because the Ethanol in E10 binds humidity and start difficulties and noisy operation CAN occur).

---

#### **WARNING!**

Danger of injury and danger of material damage if fuel is filled during operation.



When fuel runs over the hot motor and the exhaust, highly flammable gases occur.

Therefore:

- Switch off the motor (see section 4.2.5).
- Let the motor cool.
- Only top up with fuel after the motor has cooled.

---

## 4.2 Sweep operation

---

#### **NOTE!**

**Do not exceed the forward speed for tasks with this**



**1.2 km/h    weed brush!**

---

This machine does not have a drive mechanism, however it can be pushed / moved very easily. Work cautiously. The brushes act in circular trajectory. Left to the front, front to the right. Depending on the course of the joints in the pavers that are overgrown with weeds, the result will depend on the direction in which you move the machine.

We recommend that you first work longitudinally and transversely to the main plaster direction. If it should be required, partial rework with a right / left motion is very effective.



### 4.2.1 Bringing the handlebar to working height

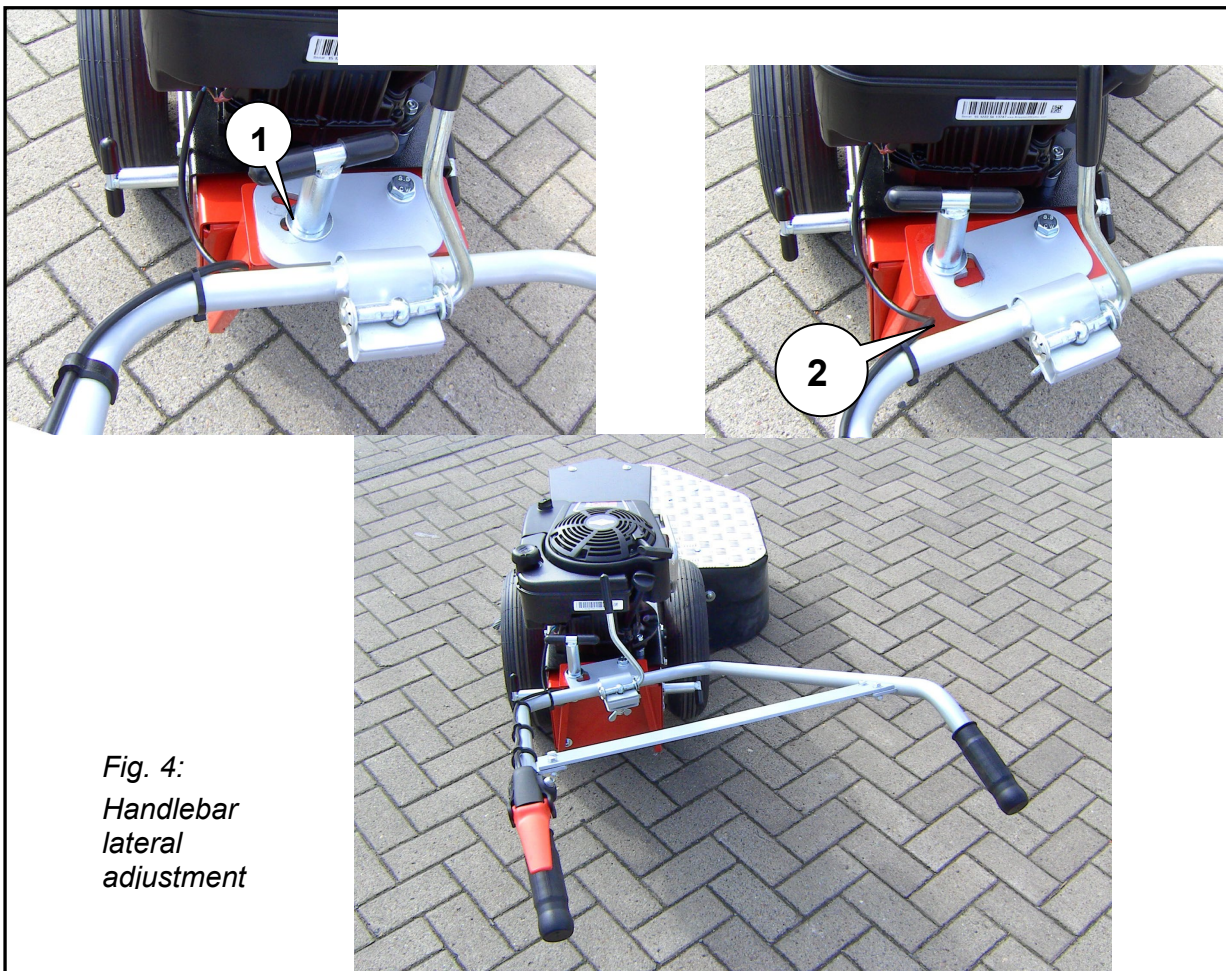
The handlebar of this machine is on one hand, the lever via which you guide the rotating brush, but on the other hand, it is also the lever that with which you must counter machine if it bounces off a concealed obstruction (e.g. pavers lifted out by tree roots). So that you can very effectively master the forces that occur, the machine is elongated.

It has proven to be effective to adjust the handlebar grips to approx. hip height. Adjusted to this height forearms are close to the body and can easily absorb sudden, lateral forces.

### 4.2.2 Handlebar lateral adjustment

If you must work along a wall or hedge, you can swing the handlebar to the right to avoid hand injuries.

- ⇒ Unscrew the T-bolt on the handlebar bracket (Fig. 4, Pos. 1) .
- ⇒ Slide the T-bolt to the right to the stop.
- ⇒ Swing the handlebar to the right.
- ⇒ Again guide the toggle in the new track to the left to the stop and firmly screw the T-bolt into position (Pos. 2).



### 4.2.3 Adjusting the brush inclination



**Pay attention to your safety!**

- Before adjusting the height of the machine, the engine and the rotation of the weed brush must be switched off.
- If necessary, wear gloves to avoid injuries, e.g. through hot surfaces. (engine)

**In order to adjust the machine height so that the brush is level and horizontal with the surface, one can move the wheel bracket up and down.**

Make sure the Wire TECH and the Weedee brush are installed at the correct height (see p. 33)

The adjustment is done by 2 locking rods, which are situated on both sides of the machine housing and each secured with a locking bolt. (see figure 1)

For the adjustment, proceed as follows: ( see pictures next page)

- Stand on the left side of the machine. (see figure 2)
- Hold the lower end of the handlebar with one hand and relieve the locking bolt by lifting. (see figure 2)
- First, pull out the red locking bolt and turn it to 90°. (see figure 2)

A notch prevents the pulled locking bolt from snapping back into place. (see figure 3)

- Next, pull the opposite black locking bolt and **hold it in place**. (see figure 4)
- Lower the machine to the desired height. Now release the locking bolt. The pin of the black locking bolt engages by a spring.
- Turn the red locking bolt by 90° and it should also engage into a borehole of the vertical rod.
- Lift and lower the machine to make sure that the two locking bolts are correctly in place.



Operation

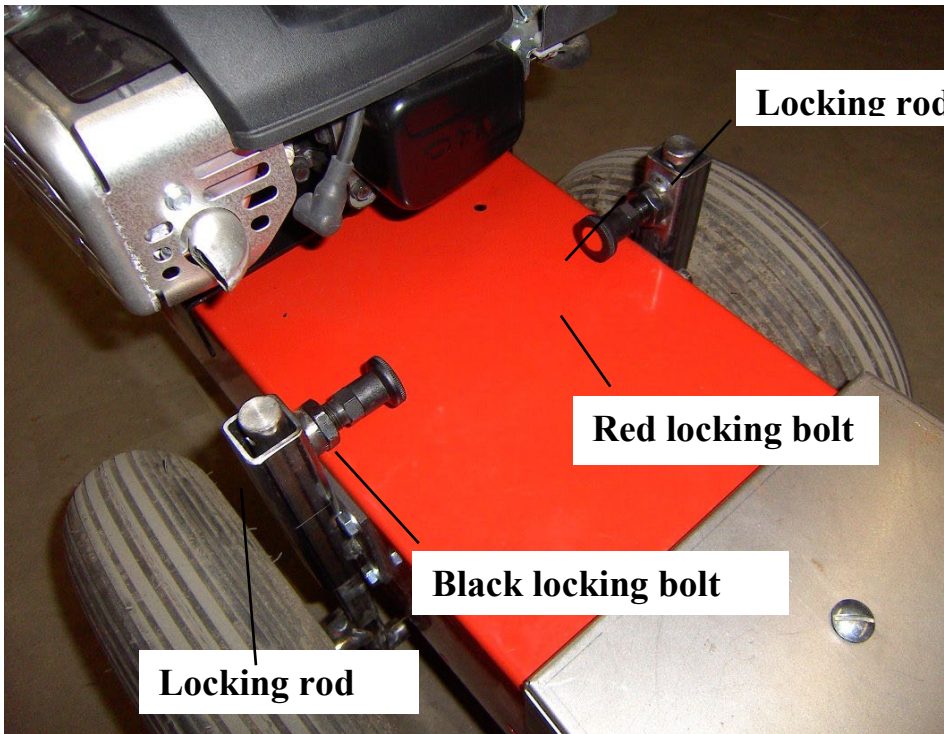


Figure 1:



Figure 2:

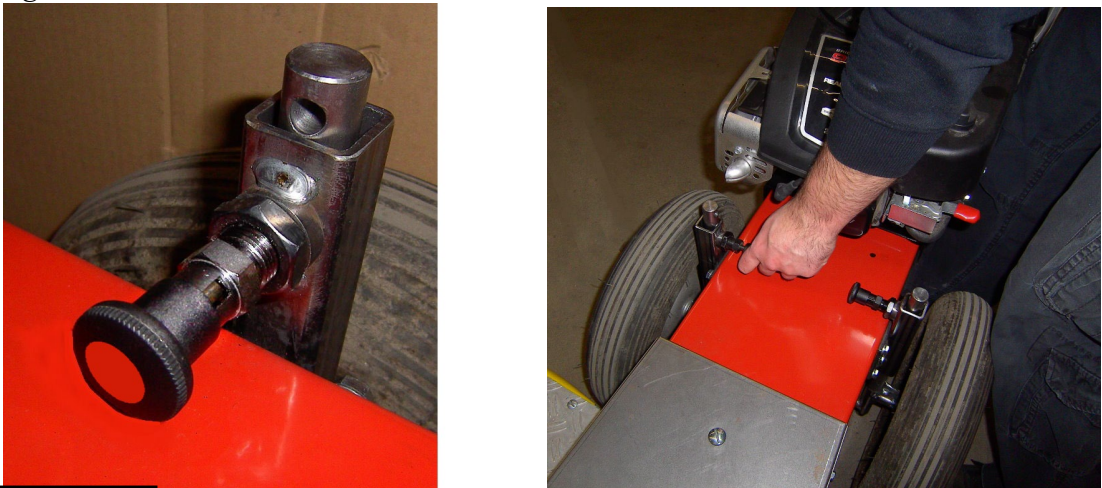


Figure 3

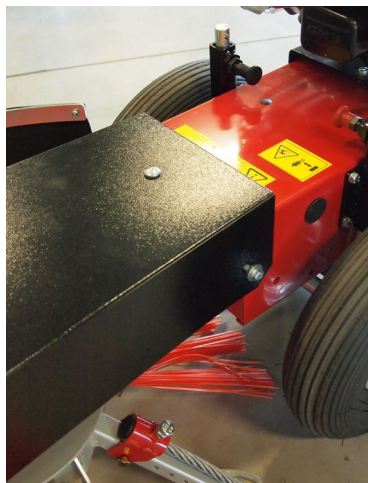
## Operation

When mounting the Weedee brush or the Wire Tech brush, make sure they are installed at the correct height.

- 1) **For The Wire TECH** : one hole of the locking rod should be visible , as seen in **Fig. 1** and **Fig 2**



**Fig 1**



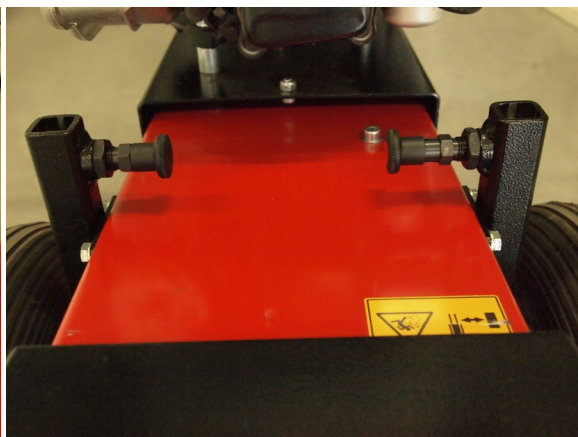
**Fig 2**

The Wire TECH brush should ALWAYS be in this position.

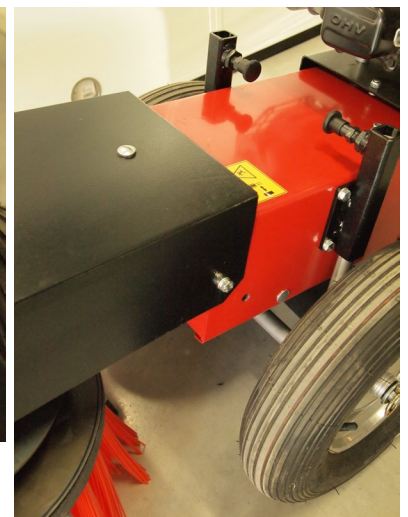
- 2) **For the Weedee Brush**: see **Fig 3** and **Fig 4** and **Fig 5**



**Fig 3**



**Fig 4**



**Fig 5**

**This is the starting position of a new mounted Weedee brush.**

The height can be adjusted according to the wear of the synthetic tufts of the brush.



#### 4.2.4 Starting the motor

---



##### **WARNING!**

**When the motor starts up, the brush also starts up immediately!**

Therefore:

- ⇒ Ensure for yourself that no one is in the danger zone.
- ⇒ Ensure that the motor switch lever is swung to the rear. (See Fig. 3)
- ⇒ Grasp the left handlebar with your left hand in such a manner that the dead man's switch is pressed. (See Fig. 3)
- ⇒ Press the handlebar downward so that the brush elements are no longer in contact with the ground.
- ⇒ **Warning !It is useful when using the Weedee brush to keep slight contact with the ground when starting the engine.**
- ⇒ Pull the hand starter so that the motor starts up. (See Fig. 3)
- ⇒ In cold weather wait for several seconds before lowering the brush and starting with the work.  
(The B&S 950 E motor has thermostat-controlled start automation, you do not have to operate a choke.)

---

#### 4.2.5 Stopping the motor

Release the dead man's switch lever on the left side of the handlebar. The motor will stop (see also Fig. 3)

If the machine will no longer be used or transported, slide the motor switch lever forward (motor stop).

#### 4.2.6 Switching the brushes



Fig. 1

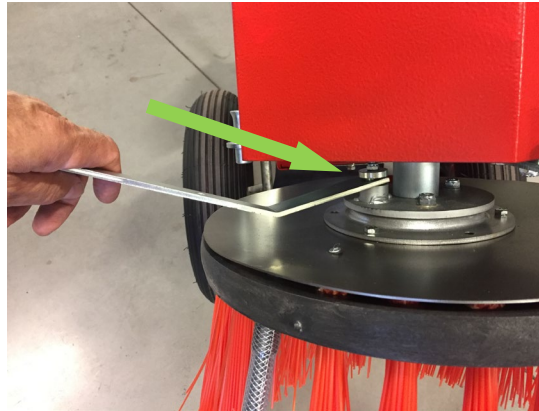


Fig. 2

Take the key mounted on the handle (fig. 1) and insert it in the lock (fig. 2)  
Lift the upper screw with the key and the brush will automatically drop.

Install the other brush as described in 3.5.1 and 3.5.2

## 5 Maintenance and repair

### 5.1 Safety guidelines for maintenance and repair



Prior to maintenance always comply with the instructions in the “Safety” chapter as well (see chapter 1).



#### **WARNING!**

If other persons unexpectedly start up the weed brush, there are a number of injury hazards.  
Therefore:

- Unplug the spark plug connector for maintenance tasks.



#### **WARNING!**

Danger of injury due to dismantled protective devices and safety devices.

If protective devices and safety devices are dismantled they no longer fulfil their function.

Therefore:

- Always remount protective devices and safety devices after they have been dismantled (for example, for service and maintenance purposes).



#### **WARNING!**

The weed brush poses considerable hazards for non-specialised persons.

Therefore:

- Only have maintenance and repair tasks executed by a specialist workshop. This particularly applies for maintenance and repair tasks on the motor and V-belt drives and the brush head.



### **DANGER!**

Use of inferior-quality spare parts can result in injury and material damage.

If non-original spare parts, or spare parts and accessories that are not approved by the manufacturer are used the manufacturer accepts no liability for the ensuing consequences.

Therefore:

- Only use original spare parts and accessories that are approved by the manufacturer.



### **DANGER!**

Improper maintenance can damage the weed brush or cause personal injury.

Therefore:

- Only have maintenance and repair tasks executed by a specialist workshop.

## **5.2 Regular maintenance tasks**

For maintenance tasks that affect the motor refer to the documentation provided by the motor manufacturer.

For maintenance tasks that must be executed by a specialist, contact your specialist workshop.

### **5.2.1 Maintenance schedule**

| Interval        | Activity                                                                                                       | see                                                 |
|-----------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Before each use | Check the motor oil level                                                                                      | Operating manual provided by the motor manufacturer |
|                 | Visual inspection of the weed brush for damage, particularly protective covers and braided wire brush elements |                                                     |
| as needed       | Clean the weed brush                                                                                           | 5.2.3                                               |
|                 | Check and clean the air filter (if there is lots of dust every 1 - 2 operating hours)                          | 5.2.4                                               |
|                 | Replace the braided wire brush elements                                                                        | 5.2.5                                               |

### 5.2.2 Maintenance records

Enter the executed maintenance tasks in the table provided for this purpose. (See section 5.3). This makes the maintenance history traceable.

For more extensive records concerning tasks performed on the weed brush we recommend that you keep separate lists.

### 5.2.3 Cleaning the weed brush

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#### **ATTENTION!**



Cleaning the weed brush with a high-pressure cleaner can damage the seals, bearings, and joints of the machine.

Therefore:

- Do not clean the weed brush with a high-pressure cleaner.

---

Clean the weed brush as needed with a gentle water spray and auto care agents.

### 5.2.4 Checking and cleaning the air filter

If you use the weed brush in a dusty environment, have your specialist dealer show you how to check the air filter. Check the filter after 2 operating hours at the latest.

### 5.2.5 Replacing the braided wire brush elements

Because the braided wire brush elements wear out and at some point in time the red brush carriage has been mounted in the lower-most bore of the brush arm (see section 3.3), ultimately the braided wire brush elements must be replaced.

#### **DANGER!**



Installation of braided wire brush elements that have not been tested by the manufacturer, can result in material damage of the weed brush and personal injury.

Therefore:

Only use original spare parts.

---





**DANGER!**

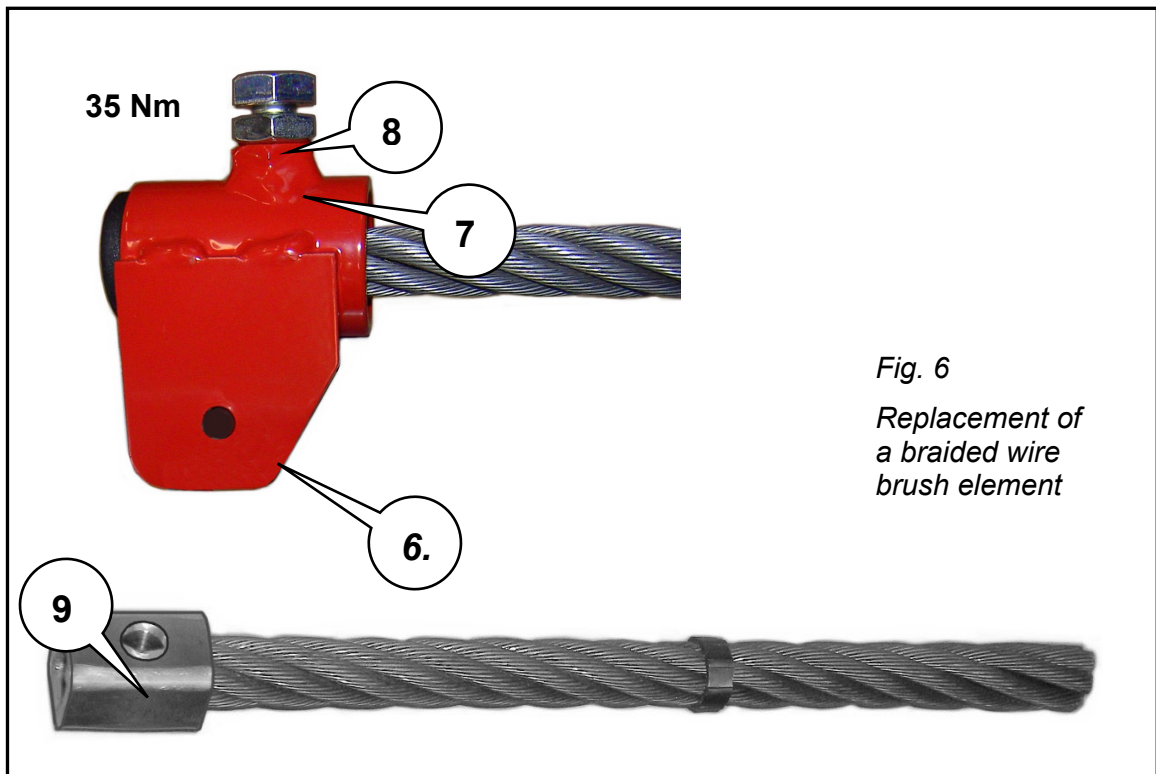
Improper mounting of the braided wire brush elements in the braided wire brush element carriage can damage the weed brush or cause personal injury.

Therefore:

Have the braided wire brush elements replaced by your specialist workshop.

Remove the worn out braided wire brush elements together with the red braided wire brush element carriage (see section 3.3).

- ⇒ Tighten the braided wire brush element carriage (Pos. 6) in the vice and unscrew the lock nut (Pos. 7) of the clamp screw (Pos. 8).
- ⇒ Unscrew the clamp screw. If the hex head is damaged or if the thread is heavily rusted, replace the screw.
- ⇒ Replace the braided wire brush element. Ensure that the clamp screw is cleanly inserted in the bore (Pos. 9) in the connection square of the braided wire brush element.
- ⇒ "Jerk" the new braided wire brush element when clamping, so that the square rests cleanly in the tube of the braided wire brush element carriage, with two sides. Tightening torque 35 Nm.
- ⇒ Counter the threaded fitting.

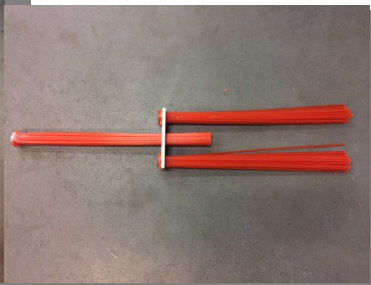


*Fig. 6*  
*Replacement of*  
*a braided wire*  
*brush element*

### 5.2.6 Replacing the synthetic tufts



**Fig.1**



**Fig.2**

**Fig.3**

Unscrew the metal plate using an Allen key and a n° 13 key (Fig.1 and see also mounting the synthetic tufts 3.4) and take out the synthetic tufts. (Fig.2)  
Replace them with the new ones (Fig. 3)  
and mount the metal plate as described in 3.4.

### 5.2.7 Replacing the paver protection plugs

(see 4.1.1.3 page 28)

### 5.3 Maintenance and repair verifications

[illegible]

## 6 Decommissioning and preservation

Contact your dealer if you have questions concerning decommissioning and preservation.

## 7 Faults and fault correction

### WARNING!

Danger of severe injury due to improper execution of repair tasks.  
Therefore:



- Only have repair tasks performed by a specialist workshop.

If there are faults in the operation of the weed brush, proceed as specified in the fault table below. If there are faults that cannot be corrected based on the instructions and measures cited for fault correction, contact your specialised workshop.

| Fault                                            | Possible cause                                                      | Measures                              |
|--------------------------------------------------|---------------------------------------------------------------------|---------------------------------------|
| The motor does not start up.                     | Motor switch lever is forward, i.e. motor stop (see Fig. 3)         | Place motor switch lever to the rear. |
|                                                  | Spark plug connector is pulled off.                                 | Fit on the spark plug connector.      |
|                                                  | No fuel in the tank.                                                | Fill with fuel.                       |
| Sometimes the brush head does not move.          | The tension on the drive V-belt is insufficient.                    | Contact a specialist workshop.        |
| The brush head makes circular marks on the paver | Paver protection plugs and the braided wire brush elements are worn | Replace parts, see section 4.1.2      |

## 8 Specialist dealer

Your specialist dealer is available for the ordering of spare parts, for maintenance and repair tasks, as well as for problems and questions.

## 9 EGO-Electric engine

### 9.1 Switching on and off

## 9 EGO-Electric Engine

### 9.1 Turning On and Off



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#### NOTE

Before the first use, pay attention to the operating manual of the engine, battery, and charger manufacturer. Especially the safety instructions and technical information.

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Press the On/Off switch briefly and the green LED will light up. To start the engine, press the lever on the handlebar and the engine will start. To turn off the engine, release the lever. The standby mode is 120 seconds. If the lever is not pressed during this time, the engine will automatically turn off.

When performing maintenance, make sure that the engine is turned off. For your own safety, remove the batteries!

## 10 Conformity Declaration

### EC Declaration of Conformity

In accordance with Machinery Directive 2006/42/EC Annex II A

As the manufacturer, we hereby declare that the machine designated below, in its concept and design, and in the version that we have placed on the market, complies with the essential health and safety requirements of EC Directive 2006/42/EC. If the machine is changed without our approval this declaration loses its validity.

Commercial name : Terrazza Weedee Pro GXV / Terrazza Weedee Pro EGO

Type: FWQ-A1 T; FWQ-B1 T; FWQ-A12 T; FWQ-B12 T ( different motors)

Application: Brush machine for various applications

#### **Manufacturer:**

Company: Terrazza MC

Address: Stokstraat 38

9770 Kruishoutem

Belgium

Agreement is declared with the following additional directives that apply for the machine:

#### **Electromagnetic Compatibility (2014/30/EU)**

Harmonised standards applied:

**DIN EN 12100-1, DIN EN 12100-2, DIN EN ISO 13849-1, DIN EN ISO 14121-1**

Other national technical standards and specifications applied: -

Person authorised to compile the technical documentation:

Dany Mestdag, (address: see the address of the manufacturer)

Dany Mestdag, Managing Director