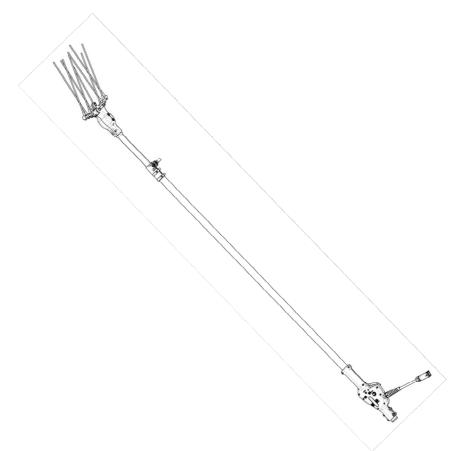


# **OLIVATOR E35**

OLIVE SHAKER 12 V BATTERY



**OWNER'S MANUAL** 





# 1. GENERAL DESCRIPTION OF THE MACHINE

- 1.1. PURPOSE OF THE MANUAL
- 1.2. IDENTIFICATION OF THE MACHINE
- 1.3. DESCRIPTION OF THE MACHINE
- 1.4. SUBJECT TO WHICH' FACING THE MANUAL
- 1.5. PURPOSE AND NOT EXPECTED THE MACHINE
- 1.6. PROTECTION AND SAFETY DEVICES
- 1.7. RISK ARISING FROM THE USE OF THE MACHINE
- 1.7.1. NOISE RISK
- 1.7.2. VIBRATION RISK
- 1.8. THE MACHINE AND ITS PARTS

#### 2. SAFETY AND PREVENTION

- 2.1. SAFETY SIGNS (PICTOGRAMS)
- 2.2. GENERAL SAFETY RULES
- 2.3. SAFETY IN USE AND MAINTENANCE
- 2.3.1. SAFETY IN USE
- 2.3.2. SAFETY IN MAINTENANCE
- 2.4. ECOLOGY AND POLLUTION
- 2.4.1. NOISE POLLUTION
- 2.4.2. WASTE MANAGEMENT

#### 3. USE

- 3.1. HANDLING AND CARRYING
- 3.2. BEFORE USE
- 3.3. CONNECTION
- 3.4. USING THE MACHINE

# 4. MAINTENANCE AND CLEANING

- 4.1. INSTALLATION AND REMOVAL COMBS
- 4.2. ORDINARY MAINTENANCE
- 4.3. CLEANING AND LUBRIFICATION OF THE MACHINE
- 4.4. SET-ASIDE
- 4.5. SCRAPING MACHINE
- 4.6. SOLVING PROBLEMS' COMMON
- 4.7. PARTS

#### 5. WARRANTY

5.1. NOT COVERED

#### 6. DECLARATION OF CONFORMITY





#### 1. THECNICAL FEATURES

# 1.1 USER MANUAL

This manual is integral part of machine and must to follow the machine always. Stock this manual in secure location.

# 1.2 IDENTIFICATION

The machine has a special label with write:

Product name;

Brand;

"CE" logo:

Production year;

# OLIVE SHAKERS OLIVATOR E35 - OWNER'S MANUAL

Before use read with attention the instruction the instructions and follow the maintenance program.

# 1.3 THECNICAL DATA

Electric type: 12 V DC Head weight: kg 0.85 Length: 2250 mm > 3150 mm. Work Ah: 6/8 A/h ca. Frequency hand stroke: 1200/min.

Battery: 60 A/h Carbon fingers Total weight: 2700 gr





#### 1.4 USERS

People that use the machine but not authorized to electric maintenance.

Authorized dealer:

Technical authorized to made maintenance.

#### 1.5 MACHINE USE

The machine is manufactured only for olive or coffee recollection.

# DANGER:



Pay attention to use the machine in explosive area!!!

# 1.6 SAFETY PROTECTIONS

The machine is supplied by plastic device for to protect the user.

For to remove the protections is necessary the keys.

This operation should made by authorized dealer

# 1.7 RISK DUE TO USE

#### 1.7.1 NOISE RISK

Sound in accordance with ISO 3746.



- LpA (A) dB 87,0 - LwA (A) dB 107,0
- Please use special noise device.



#### 1.7.2 VIBRATION RISK:

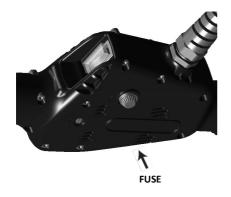
Test has made in accordance with ISO 5349 (2001) Level hand-arm vibration: 3.8 m/s^2

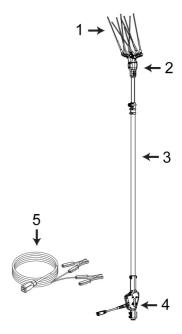




# 1.8 THE MACHINE AND ITS COMPONENTS

- 1 Rake
- 2 Head
- 3 telescopic extension
- 4 Engine (in the handle)
- 5- Kit electric cable sez.2x6





# **PROTECTION FUSE**

The electric motor is protected by a fuse located in the handle.

# ATTENTION!!!

When the stress is high and is necessary to much force, the fuse brake in order to save the electric motor. In this case is necessary to change the fuse.

In the handle is located the fuse, please unscrew the cap change the fuse and screw the cap.

# **EXTENTION**

It is possible to stretch the extension by unscrew the lever.





#### 2. SAFETY

It's very important to read with attention this manual and to teach who use the machine.

## 2.1 SAFETY SIGNALS (PICTOGRAMS)

The critical conditions are signed by:



N.B.: It's important to mantain the signals clean in order to prevent accidents.

#### 2.2 GENERAL SAFETY ACTIONS.

User must to do:

- give the machine only to qualify people
- stock the machine only where the children can't found it.
- -to inform the people who use the machine.

The utilizer must:

- -Use protection glove, helmet and other things necessary.
- -Follow all danger indications show on the machine
- -Not intervene on the machine with modifications or repair own competence.
- -Use the machine only for proper use
- -Not remove protections



**NB**.: Avoid wearing loose clothing and fluttering as they may get caught in moving parts of the machine. The operator doesn't have to bring scissors or tools in the pockets. It recalls the ban on driving and stop within range of the machine outside operator.

#### 2.3 USE AND MAINTENANCE SAFETY

#### 2.3.1 USE SAFETY

- Before starting the machine ensure the full integrity of all safety devices.
- -The area in which the machine is used is to consider "Dangerous Area", or the area close to which the presence of.
- The space around the operating area of the machine must always be kept clean and free of all distract you. Make sure that there are no people or animals in the use of the machine.
- -Immediately intervene by stopping the machine and possibly removing the person in question.
- -During operation of the machine the operator must maintain a position that allows full control of the machine in order to be able to intervene at any time and for any case.
- -Before leaving the control of the machine always make sure that the power is disconnected.
- -Periodically check the integrity of the machine as a whole including the protection devices. During operation, the operator must not place his hands or other parts of his body to the moving machine (group head / operating head)





#### 2.3.2 MAINTENANCE SAFETY

- Before performing any maintenance on the machine make sure that the power is disconnected.
- -Maintenance operations must always be performed by qualified personnel for these specific functions.
- -At the end of the maintenance and repair, before restarting the machine, the technical manager must ensure that the work is concluded, the safeties are restored and reassembled protections.

During maintenance or repairs must use protective clothing, such as:









no slip shoes





N.B.: Don't direct water jets against the machine (es. For cleaning), could cause short circuit

#### 2.4 ECOLOGY AND POLLUTION

#### 2.4.1 NOISE POLLUTION

A section entitled "Risk 1.7.1 noise" were reported the results of sound meter on the machine during operation. The user has the responsibility to inform appropriate personnel about the dangers of noise generated by the instrument into operation and is generally required to comply with the regulations of noise.

# 2.4.2 WASTE MANAGEMENT

The use and maintenance of the machine generating waste products that must be disposed of in accordance with the laws in force in the country where the machine is used . The machine user is required to comply with any recommendations of the manufacturer on the use of products for normal operation, cleaning and maintenance of the machine. Any hazardous waste must be disposed of turning to specialized and authorized for this purpose. Ensure the proper disposal of waste through the application of the receipt of "occurred disposal". When disposing of the machine see section 4.4.

#### 3 USE

# 3.1 HANDLING AND TRANSPORT

The machine is easily transportable both in packaged form which liberates. It is recommended to pay attention to the lines

aerial when the machine is transported for its use.

#### 3.2 BEFORE USE

Before starting up the machine, the operator must have read and understood all parts of this manual and in particular to the section 2 devoted to security. Before using the machine for the first time:

- Become familiar with the controls and their functions,
- Verify that all machine components subject to wear and deterioration are in healthy state,
- Check that all safety systems are intact and that the casings are fixed in place.

# 3.3 CONNECTION

The machine must only be connected to a battery of 12 volts via terminals present at the end of the cable (extension) supplied power. How to connect the terminals:

- connect the RED CLAMP on drums at the SIGN +
- connect the BLACK CLAMP on drums at the SIGN -





NB: Do not connect the terminals to generators, car batteries, agricultural vehicles or groups charging that may generate current spikes potentially damaging the machine.

Do not use the machine in contact with the water .

#### 3.4 USING THE MACHINE

The machine is started by the switch on the handle. Once you start to get close with scallops branch to shake. Pay attention to the branches particularly heavy with fruit.

- Hold the machine firmly with both hands and always work in a stable condition on the legs.

#### NOTE: Do not touch any parts of the machine in motion.

- To switch off the machine simply put the switch in the opposite position to that power.
- In the case where the machine is momentarily unused , it is important to place it in stable horizontal position in order to avoid risky falls.

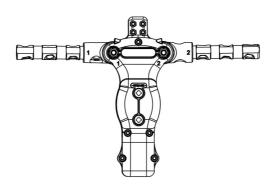
#### DIRECTIONS

- The wear of mechanical and electronic components of the machine is closely correlated with how to use the machine. Please avoid insisting on the branch to shake up to determine the stop of the machine, this would lead to excessive mechanical and thermal components. Try to limit as much as possible the stops for too much effort, this will extend the life of your machine!
- To avoid dangerous overloads of effort that could lead to damage to roost, you may want to intersperse the shaking action with regular breaks in order not to urge the tool beyond the standards to which it has been designed and tested.
- To reduce the effect of vibrations on the hand-arm system, it is recommended to alternate the use of the comb with breaks of 15 minutes every two hours of use.

## 4 MAINTENANCE AND CLEANING 4.1 INSTALLATION AND REMOVAL COMBS

 ${\bf N.B.}$ : once assembled combs ensure that the nearest location (closed) combs will not contact between them to prevent breakage .

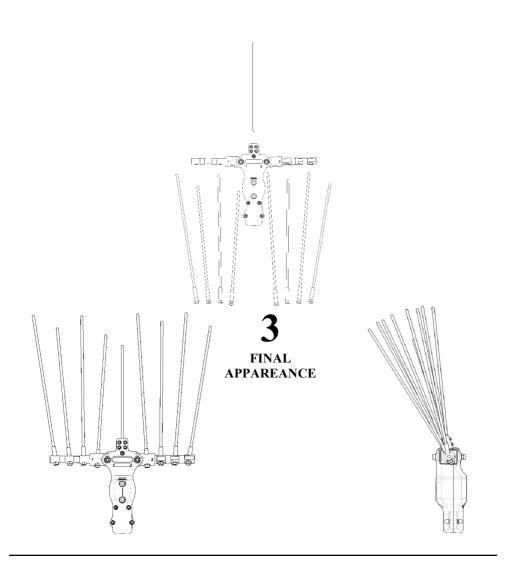
# 1 INITIAL CONFIGURATION





2

LOADING THE CARBON RODS , SCREW USING A KEY 10 NUT HANDLE WARNING !! DO NOT FULLY TIGHTEN , CHECK / MODERATE TIGHTENING ROD CARBON TO AVOID BROKEN CAUSED BY EXCESSIVE TIGHTENING







#### 4.2 ORDINARY MAINTENANCE

The long life of the machine and the lowest cost of operation depend on the observance of this requirement.

PERIODIC CHECKS TO BE MADE:

1) Operating head: Check the condition daily

2) Cover screws: Tighten weekly

3) Transmission: check the status weekly

4) Wear of mechanical parts: check the status weekly

5) State Lubrication group head (operating head): check the status weekly

6) State motor lubrication ( handle): check the status weekly

Trip times reported are indicative and are formulated taking into account normal conditions of use of the machine. They may vary depending on the mode of use of the machine and in relation to the characteristics of the environment in which it is used, eg.: level of humidity, air cleanliness (presence of dust). In conditions of int enso use it is necessary to increase the number of maintenance interventions.

Before proceeding with any operation, ensure that the machine is turned off and the battery terminals disconnected .

#### 4.3 CLEANING AND LUBRICATION OF THE MACHINE

In the bottom part (motor/handle) and the upper part (head group/operating head) are present which allow the grease lubrication of the internal organs of the machine.

The machine must be cleaned on a daily basis in order to avoid deposits of solid particles and dust that may limit the efficiency of operation of the mechanical parts. Lubrication is carried out in a systematic and periodic parts / moving outside of the operating head.

NB. Use high-temperature grease.

#### 4.4 STORAGE

In the case where it is intended a long period of rest of the machine it is necessary to perform the following steps:

- Disconnect the machine from the power supply;
- Clean the machine , freeing it from any dirt remaining on its surface and especially on the inside, between the components; Carry out a replacing parts damaged / worn from use ;
- be thoroughly lubricated using high temperature grease mechanical parts;
- cover the car to prevent the deposit of dust or dirt on its surface inside.

Carefully carry out the maintenance operations described above involves finding , to return to work , the car in optimal conditions of exercise.

#### 4.5 SCRAPPING THE MACHINE

Unplug the machine from the power supply and cut the connection cable. The machine is made from materials that can be recovered; in particular it is possible to recover the iron. Turn in your car discharged to a center official recycling materials. Actively contribute to environmental protection by applying methods of disposal and recovery also in relation to packaging materials with which it is realized the packaging machine. Your local authority will inform you about the ways and possibilities to achieve more effective disposal of the old instrument in a manner respectful of the environment.

#### 4.6 SOLVING PROBLEMS ' COMMON

#### 4.7 PARTS

In order to ensure the safety and durability of the product is recommended to use only original parts. It is recommended to perform repairs or maintenance of specialized information to authorized personnel.

	RAKE DON'T WORK	DURING WORK THE RAKE BLOCK	THE RAKE WORK SLOWLY
Check Switch	X	X	
Check the status of the battery charge	X		X
Fuse Check	X	X	





#### 5. WARRANTY CONDITIONS

Home Use: 12 Months Professional Use: 3 Months

#### 5.1 NOT INCLUDED IN WARRANTY

The warranty expires in the following cases:

- Improper use of user,
- Not correct maintenance
- Damage of machine due by not original parts or repair by not authorized dealer,
- If the instructions not had been followed

# 6 DECLARATION OF CONFORMITY

2006/42/CE, 2004/108/CE

Myself Griffini Alberto, legal rapresentative of ACTIVE S.r.l., Via Delmocello, 12 - 26037 SAN GIOVAN- NI IN CROCE (CR) ITALIA, declare under my responsability that OLIVATOR E30 is conform to CE regulations and is conform to 2006/42/CE, 2004/108/CE.

San Giovanni in Croce, August 19, 2013

ALBERTO GRIFFINI
PRESIDENTE
ACTIVE S.r.I.
Via Delmoncello, 12
26037 San Giovanni in Croce (CR) - ITALY
01/03/2014





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