



USER MANUAL

HAND HELD OLIVE HARVESTER



ΚΥΡΙΑΚΑΚΗΣ ΜΥΡΩΝ & ΣΙΑ Ο.Ε. - Eurostics Electrics - Μ.ΚΑΡΑΤΖΗ 90 ΒΙ.ΠΕ. ΗΡΑΚΛΕΙΟΥ - ΤΗΛ: 2810226963

ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ ΕΚ
EC DECLARATION OF CONFORMITY



Εταιρική επωνυμία και πλήρη διεύθυνση του κατασκευαστή
Business name and full address of the manufacturer

Σφραγίδα εντολοδόχου
Stamp and signature of authorized representative

Ο κατασκευαστής με αποκλειστική του ευθύνη για το μηχάνημα που αναφέρεται παρακάτω:
The manufacturer is solely responsible for the machine listed below:

Γενική Ονομασία: **ΕΛΑΙΟΡΑΒΔΙΣΤΙΚΗ ΒΕΡΓΑ**
Generic Denomination:

Τύπος-Εμπορική Ονομασία -
Αριθμός Σειράς
Type-Comercial Name -
Serial Number

Δηλώνει, ρητώς, ότι το παραπάνω αναφερόμενο μηχάνημα ανταποκρίνεται σε όλες τις συναφείς διατάξεις της παρούσας οδηγίας και ότι συμμορφώνεται με όλες τις ισχύουσες βασικές απαιτήσεις υγείας και ασφάλειας του παραρτήματος Ι της οδηγίας για τα μηχανήματα, και είναι εναρμονισμένο με τα ακόλουθα πρότυπα:

Declares expressly that the machinery referred to above meets all the relevant provisions of the Machinery Directive, complies with all the applicable essential health and safety requirements of Annex I to the Machinery Directive, and is in conformity with the following standards:

EN 62841-1:2015

Το μηχάνημα ανταποκρίνεται σε όλες τις σχετικές διατάξεις της οδηγίας για τα μηχανήματα :
The machinery fulfils all the relevant provisions of the machinery directive :

2006/42/EC
Machinery Directive

 **TOPALIDIS PAVLOS**
CE KOORDINATOR P.C. I.K.E.
ΥΠΗΡΕΣΙΕΣ ΜΗΧΑΝΙΚΩΝ-ΠΙΣΤΟΠΟΙΗΣΕΩΝ
ΑΡΙΣΤΟΤΕΛΟΥΣ 29 58200 ΕΔΕΣΣΑ
ΑΡΓΕΜΗ 156698547000
Α.Φ.Μ. 801432226 Δ.Ο.Υ. ΕΔΕΣΣΑΣ

- 17/7/2025

Όνομα και τη διεύθυνση του προσώπου του εξουσιοδοτημένου να
καταρτίσει τον τεχνικό φάκελο·
Name and address of the person authorised to compile the technical file

Στοιχεία και υπογραφή του προσώπου που έχει εξουσιοδοτηθεί για τη
σύνταξη της εν λόγω δήλωσης εξ ονόματος του κατασκευαστή - Τόπος·
Ημερομηνία
Identity and signature of the person empowered to draw up the declaration

Olive Harvester



The manufacturer hereby warrants the proper functioning of the machinery referred to below

TYPE OF MACHINE	
SERIES NUMBER	
DATE OF PURCHASE	
SUPPLIER (stamp & signature)	

This guarantee is valid for 12 months from the date of purchase of the machine.

The manufacturer guarantees the proper functioning of the machine. This warranty shall cease to apply as soon as:

- The machine was used for a purpose other than that for which it was intended.
- Damage caused by incorrect use.

FOR THE
MANUFACTURER

THE BUYER

(the representative - stamp & signature)

This user, assembly and maintenance manual is part of the study for the harmonisation of the machine with the European Machinery Safety Regulation 2006/42 EC

According to the study, it can be CE marked.

This manual is an integral part of the **machine** and must be available to anyone who wants to commission, maintain, repair or adjust the operation of the machine and for easy and quick data search. It shall be kept near the machinery, in a place free from moisture, dust or high temperature. In the event of damage or loss, ask the manufacturer or authorised representative for a copy. The manufacturer is not responsible for problems caused by improper or incorrect installation and service. Only trained operators - maintenance personnel should operate or maintain these machines.

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that has designed and manufactured the machine.

2. REGULATIONS SAFETY RULES AND GENERAL INSTRUCTIONS - GENERAL REMARKS

In the construction of this machine everything has been done to make your work safer. But prudence is irreplaceable and there is no better rule than that which prevents accidents.

The machine belongs to the category of **machines** harvesting machines.

This machine was designed and manufactured according to the regulations in accordance with the directive 2006/42 EC

 This safety symbol is identified with essential messages in the study course of the manual. Encountering the watch out for any accidents and read the following message carefully.



This symbol is followed by a useful hint.

The **DANGER** symbol is used to identify serious risks. The symbol is placed near the hazards it identifies on the machine. General precautions are listed in the safety symbol **WARNING**. This symbol also refers to the safety messages in this manual.

⚠ DANGER

⚠ WARNING

⚠ CAUTION

Damage and maintenance of the motor.

-Always keep the ventilation holes located on the motor clean and open.

When the motor stops running possible causes are:

-Sockets (carbons). The brushes have a lifetime of about 150-200 hours of operation of the cutter, then they need to be changed for the proper operation of the machine. When they get eaten the motor does not work or underperforms and they need to be changed. After pulling out the carbon plug, connect another one and insulate the joint with thermal insulating material and place the carbon plug with its cable back in the hole. The carbons are changed in pairs.

-Short circuit. Some wires have been cut and are shorting out the motor. It is advisable to keep the cable coming out of the motor fixed by 20 cm by tying it up to avoid possible damage to the motor when the cable is shorted.

- Overheating. If the motor is very hotter than usual, then you are overheating and the fault is probably in the motor reducer or fan. In this case the machine should be repaired by a qualified technician or at the manufacturer's factory.

MALFUNCTIONS-TROUBLESHOOTING

A) Stopping rotation as soon as resistance is found.

In this case clean the head gear from dust and other impurities. After unscrewing the rollers, remove one bearing from the head shaft and release the gear. We remove the gear from the axle, clean it with gasoline rinse it thoroughly and then lubricate it, we do the same with the bearing and axle. We assemble in reverse.

6. DESCRIPTION OF THE ENGINE - OPERATING INSTRUCTIONS

6.1 Description

These are machines that were originally used in Crete and are now quite widespread throughout Greece. They can replace the traditional 'temple' machines where the oil is harvested by means of a rack and pinion system.

There are several types. All of them have as a basic component a pole (some have two or three for simultaneous use by several workers) at the end of which there is a rotating cylinder with plastic "whips" or other similar mechanism. The handler holding the pole brings the whip mechanism to the crown of the fruit and, with the continuous movement, causes the branches to be gently raked and the fruit to fall to the ground on the nets.

Thus, there are oil presses that extract the oil with a rotary motion. Oil presses also differ in their motors and in the transmission system of the rotating cylinder. The transmission is mechanical and electrical. The price of the machine is usually proportional to the technical characteristics. More expensive machines usually have adjustment and safety systems that can make them, with proper handling, more efficient and less damaging to trees. Some types of olive harvesters can, by adapting other accessories, can be used for other operations (pruning, spraying, etc.).

The rotating cylinders are plastic and smooth and thus do not injure the bark. Also the sticks are plastic and soft and do not break shoots and eyes.

The automatic stop system protects against tangling. The adjustable turns protect against leaf drop. The manufactured Ta head has a very high yield and causes negligible damage to the foliage of the tree and is suitable for all varieties of olive trees.

3. MEET THE MACHINE

This manual contains instructions for the use and maintenance of the company's **Oil Harvester**. Before installing and using the **Oil Harvester**, please read the instructions carefully. These instructions are for the proper use and maintenance of the machine. The company accepts no responsibility for accidents or damage caused by negligence or failure to follow the instructions in this manual. It also accepts no responsibility for damage caused by improper use of the machine. The measurements in this manual have been made on the basis of the European system of units. Wrenches in inches may also be used if the workpiece referred to is measured in inches. The right and left hand directions are determined by assuming that the direction of rotation of the machine is moving forwards.

The company reserves the right to revise and add new information to its manuals. This information should be sought by every user of the **Eloravdisti Verga** engine. This information can be in the following forms:

- 1) direction sheet
- 2) Installation instructions
- 3) Supplement to a published manual

Before using the manual, check whether the above forms of new or revised information are available. The company has the right to revise the manuals at a time it deems appropriate and publish them with the new or revised information.



ATTENTION! This manual is an integral part of the Eloravdisti Verga machine and must accompany it on each movement or resale. It must be kept in a safe place known to the responsible personnel. The same personnel shall be responsible for

The same personnel shall be responsible for keeping and maintaining the manual in a sound condition so that it can be consulted throughout the life of the machine. At

the storage and maintenance of the manual in an intact condition so that it can be maintained throughout the life of the machinery. In the event of damage or loss, a new copy must be requested from the company immediately.

 Maintain the on on do not lose the signs and the signs and replace immediately those that are lost or illegible. Ensure that the P.I.N. numbers (P.I.N.) are recorded on the plate to help identify the engine if it is stolen. These numbers are also indicated on the engine's parts list by the dealer or the inventor. These numbers must be legibly and securely marked on the machine.

 The machine shall be operated by responsible persons properly trained in its operation. A trained person is a person who is adequately informed or supervised by a qualified person, so as to enable him/her to avoid the risks that the operation of the machine may pose.

 Carefully read this manual and all safety messages contained in it. Verify that new parts or replacement parts of your machine bear the prescribed mark. The safety mark is available from your manufacturer or dealer. If you do not understand any part of this manual, contact your manufacturer or dealer.

 Minors should never use the use of the the non-lost **Evolving Rod**. Even during the operation of the machine, no other persons, especially children or animals, should be in the operating area. Never leave the machine unattended. The operator is responsible for any accidents or for endangering the safety of third parties or their own property.

5.MAINTENANCE - REPAIR AND STORAGE

 The maintenance and repair of the machine is carried out by responsible persons suitably trained in its operation. A trained person is a person sufficiently informed or supervised by a qualified person to enable him/her to avoid the risks which the operation of the machinery may pose. If the machine does not operate correctly due to incorrect maintenance and repair, the guarantee of the machine will be invalidated.

 Never operate an **Oil Puller** that is damaged, misadjusted or incorrectly assembled. Follow the manufacturer's maintenance and repair instructions.

Use only genuine spare parts from the manufacturer.  Other materials used may cause problems in the operation of the machine.

 Carry out maintenance and repair work only after you have closed the .For any repair and maintenance contact to authorised points of sale authorised by the manufacturer.

 The wipers (carbon brushes) last approximately 200 hours of machine operation, then they need to be replaced .

 The electric oil press bar needs lubrication on the chain of the reducer gear and head and on the bushing (dizzy) every year.

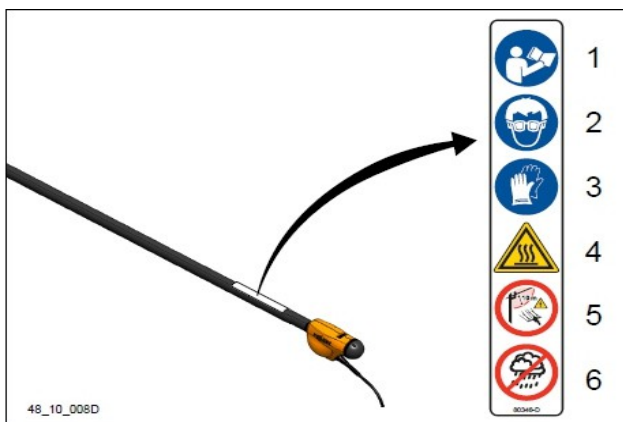
 Keep the ventilation holes on the motor clean and open.

3. NOTE

The term marking means all instructions or inscriptions for identifying the type of engine or component, which have been approved by the manufacturer of the engine or component.

The machine has been designed with all safety measures for the protection of the operator. In spite of all this, there are a number of dangers that are always present in the machine, which are identified by the different risks. These risks are shown below highlighting the different risk situations.

The non-fault should be accompanied by all safety chains, a signal indicating that the vehicle is running smoothly, lights and alarms.



- 1- LwA sound power level guaranteed.
- 2- Read the user guide.
- 3- Always wear goggles.
- 4- It is mandatory to wear gloves.
- 5- Risk of burns (motor).
- 6- Conducting materials. Keep away from any power source.
- 7- Do not expose to rain.

accidents or for endangering the safety of third parties or the safety of their property.

Use the **Eoliarachistika** machine only for shaking small trees for fruit harvesting. Do not use it for any other purpose.

Do not borrow or rent the **Olive Cutter** without the manufacturer's manual. Also be sure the operator is able to understand the information contained in the manual.

ENVIRONMENTAL PROTECTION

Your equipment contains many materials that can be reused or recycled.

Deliver to an approved recycling service center so that they can be processed.

Comply with the regulations in force in your country regarding environmental protection and related to your activity.



No part of this manual may be reproduced without the written consent of the owner. The technical descriptions and illustrations in this manual are for informational purposes only and are in no way binding on the manufacturer. The manufacturer reserves the right to make any modifications or improvements to the products, as deemed necessary without informing customers who already own a similar model. This manual is an integral part of the tool and must accompany the tool if it changes hands

The physical condition of operators

The operator must be in good physical and mental health and not under the use of any substance which may affect his visibility, dexterity and judgment.

Do not turn on the machine if you are tired. Fatigue can lead to loss of control. Working with the **Eloravidist rod** can be tedious. Do not use the machine if you do not have the necessary strength to operate the machine. Also if you have any health condition that may be aggravated by persistent work with the machine consult your doctor first.

 Prolonged use of the machine, which exposes the operator to vibrations, can cause long-term hand problems. In order to reduce this risk, please note the following:

- The machine handles are constructed in such a way as to reduce the transmission of vibrations from the machine to the operator's hands.
- Wear work gloves during operation and keep your hands warm.
- Keep the handles in good condition. Damaged handles have high vibration rates
- always hold the handle in the same firm way. Excessive pressure does not have good results.

Persons wearing a pacemaker should consult their doctor before using the machine.

 The permitted period of use by each operator should not normally be more than 2 hours. exceeds 1 ½ hours a day. If the machine is to be used for more than one hour, the work teams should distribute the work so that no operator exceeds the above limit.

In the communication of the projections with the projects with the community of the projects. There is a need for a new funding scheme.

 Do not attempt to work on the **Elysian coast** with one hand. Do not keep the two-handed island with one hand. the contribution of the ability with the ability with the ability

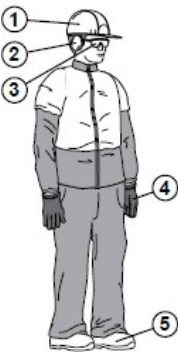
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	Protective equipment	Wear
1	Hat	Recommended
2	Ear protection	Recommended
3	Safety goggles	Mandatory
4	Gloves	Mandatory
5	Non-slip safety boots	Recommended

operate indoors or in an unventilated area to cause health problems for operators.

Also if the trees being shaken have been sprayed with pesticides the operator should be informed of the properties of the chemical used.

 When we shake the branches there is a possibility that dust and pollen may be lifted from the tree. People who are allergic to inhaling such substances should avoid this work. It is recommended that the shaking of branches be done in such a way that the dust and pollen - depending on the weather conditions - are carried away from the operator. If this is impossible, it is recommended to shake the branches in such a way that the dust and pollen - depending on the weather conditions - are carried away from the operator.

the operator should wear the appropriate inhalation mask recommended.

 The cylinders continue to move for a short period of time from the moment we stop the engine.

 Operating the machine while the cylinders are prevented from moving results in overheating of the machine and possible damage of its parts.

 In order to avoid the risk of injury to the wrists, the speed should not be varied during shaking. This helps and to prevent the operator from being affected by vibrations generated by the fluctuation.

 Work calmly and only during the day. be careful when working so that any foreign objects do not injure any bystanders.

Do not work during extreme weather conditions (rain, cold, snow). Also be very careful in the presence of any obstacles, such as roots stones, holes and more. Particular care when working in areas with slope, or upper soft soils.



Clothing must be comfortable and allow free movement. Avoid loose clothing such as ties scarves and anything that could be drifted on the machine.



Work gloves help in better grip of the handle and better handling. They also protect hands from the machine chain. Non-slip work gloves are recommended.



Good positioning and support are important during work. Recommended for him the for this reason comfortable boots with non-slip soles.



It should also be known that prolonged exposure to exposure to loud noise causes hearing loss or impairment. Wear the appropriate ear protection device to protect you from loud noises. The function of the The operation of the machine requires the full attention of the operator. Do ever put radio or music headphones in your ears during operation of the machine.



Be prepared for an emergency. Keep a first aid kit in a practice position to use them. Have emergency phone numbers (fire, ambulance, hospital, doctor) written down near your phone.



3.2 Use of the machine

 After the machine is manufactured it goes through an inspection for proper operation, and gets approval for use. Do not modify the Eleoravodic Fork in any respect. Only spare parts of the

manufacturer are authorized and can provide safe use. The use of other parts that are not authorized

by the manufacturer can be extremely dangerous to the operation of the machine.



Always stop the machine before putting it down or needing to transport it. Transporting the machine while it is in operation is extremely dangerous.



If the machine is subjected to abnormally high loads, then before starting work check that it is correctly assembled.



Before starting work, check that the machine cable and the extension cable are in good condition.



When plugging in the power socket, make sure the machine switch is off.
Never use the power cord to carry, pull or unplug the tool.

Keep the power cord away from heat sources, lubricant, sharp edges or moving parts.

. When using a tool outdoors, use an extension adapted for outdoor use.

If you must use a tool in a wet location, use a power supply that is protected against runaway currents (RCD).

Powering the machine generator



The engine generator uses a mixture of gasoline and oil for fuel. Gasoline is a highly flammable fuel. A spark or other source of ignition can cause fire or burn injury or damage to the engine. To avoid the risk of ignition, do not smoke when



machine is in operation. Exhaust gases extracted from the system can cause health problems when inhaled in large quantities. If the quantities emitted are large enough, it is recommended that an exhaust mask be used during work. Fuel the generator only in well-ventilated areas, generally outdoors. Always keep the engine switched off during refuelling.

To avoid any possibility of injury or burns during the opening of the filler cap due to the pressure created by the build-up of vapour in the tank, it is recommended that it is done slowly so that emptying is done slowly. Never open the cap while the engine is running. Always thoroughly clean the filling area of any leaks during filling and check for leaks during operation.



Start-up

The Oil Rig is a machine that can be operated by a single person. Do not allow other people to be near you during operation. Keep other persons not related to your work away from the work area.



. To reduce the risk of injury do not start the machine if you have not set the rotation speed correctly.

Important warnings



Always keep your balance well balanced. Be careful when we have slippery conditions, and sloping or uneven terrain. Pay particular attention to any obstacles during work.



Operate the machine only in outdoor well ventilated place. There is a possibility of exhaust gases generated by the operation of the machine if it

