

ELLIET[®]
MANUAL

E501 & E750



This manual contains practical information regarding the use and maintenance of the machine. **Read it carefully and keep the manual in a safe place.**



Please also keep your **purchase invoice** or receipt together with this booklet.



Register your purchase online at **www.elieta.eu**

© ELIET

Copyright 2020 ELIET. All rights reserved. The texts, images and other information in this manual are protected by copyright and also by other intellectual property rights. As such, no parts of this manual may be used for commercial or other purposes. Certain parts of this manual are also protected by copyright owned by Eliet suppliers.

1. Introduction



1.1. Read the user manual

ELIET machines are designed for safe and reliable use if they are operated in accordance with the instructions provided. Carefully read these operating instructions before using the machine. Failure to do so may result in personal injury or damage to the equipment.

1.2. Identification Data - ELIET E501 & E750

Copy the identification data of your machine into the text boxes:

Type number:

Engine:

Serial number:

Year of Manufacture:

2. Warranty



2.1. Machine registration

To be entitled to warranty, the machine has to be registered online within one month after purchase at: **www.elieta.eu**

European customers:

ELIET EUROPE NV

Diesveldstraat 2

8553 Otegem

T (+32)(0)56 77 70 88 - **F** (+32)(0)56 77 52 13

e-mail: info@elieta.eu, www.elieta.eu

Check the warranty conditions (read § 16; page 59)

US customers:

ELIET USA Inc.

3361 Stafford Street

Pittsburgh, PA 15204

Tel +1 412 367 5185 - **Fax** +1 412 774 1970

e-mail: info@elietausa.com, www.elietausa.com

3. Welcome



Welcome to the family of ELIET users.

We thank you for the trust that you have placed in ELIET and we are convinced that you have purchased the very best machine. The operating life of your ELIET machine depends on how you care for your machine. This manual and the engine manual included will help you on your way. Strict adherence to the instructions and suggestions in these manuals will guarantee optimum performance of your ELIET machine for a very long time.

Read this manual carefully before operating the machine. This will prevent you from operating the device incorrectly.

For your own safety, please observe the safety instructions specified in the relevant chapter. Even if you are familiar with operating similar equipment, it is still advisable to read these pages carefully.

All ELIET equipment and machines are continually updated and improved; as such, we reserve the right that the specifications of your machine may differ slightly in terms of shape, technology and accessories. The descriptions and technical data in this manual are valid at the time of publication. Certain illustrations and descriptions may not apply to your specific machine, but instead relate to a different version of the machine. For this reason, we trust that you appreciate the fact that discrepancies or deviations in the texts and illustrations in this manual cannot give rise to any claims. If you still have questions after you reading this manual, please contact your ELIET dealer. Find an authorised ELIET dealer near you at **www.elieta.eu**.

ELIET AT YOUR SERVICE

During office hours, ELIET's help desk will make every effort to answer all of your questions:

European customers:

GMT +1: from 8 AM to 4 PM

Tel: +32 56 77 70 88

Fax: +32 56 77 52 13

info@eliet.eu

www.elieta.com

US customers:

GMT -5: 8 AM to 5 PM

Tel +1 412 367 5185

Fax +1 412 774 1970

info@elietusa.com

www.elietausa.com

4. Table of Contents

1. Introduction	3
1.1. Read the user manual	3
1.2. Identification Data - ELIET E501 & E750.....	3
2. Warranty	3
2.1. Machine registration	3
3. Welcome	4
4. Table of Contents	5
5. Safety symbols	7
5.1. For your information	7
5.2. Please note.....	7
5.3. Warning.....	7
6. Main machine parts	8
6.1. Overall view	8
6.2. Engines.....	9
7. Safety instructions	11
7.1. Safety messages.....	11
7.2. Safety features	13
7.3. Safety instructions.....	14
7.3.1. General safety instructions.....	14
7.3.2. Careful and proper use	14
7.3.3. Operator's responsibilities	15
7.3.4. Personal Protective Equipment (PPE)	16
7.3.5. Danger zone	17
7.3.6. Periodic maintenance	18
8. Dealer's responsibilities	19
8.1. Unpacking the machine.....	19
8.2. Other responsibilities	24
9. Operating instructions	26
9.1. Preliminary checks	26
9.2. Preparing the machine	26
9.2.1. Machine set-up	26
9.3. Refuelling.....	28
9.4. Preparing the work site.....	29
9.5. Starting the engine	29
9.6. Working with the machine.....	30
9.6.1. Prior to starting work	30
9.6.2. Dethatching	31
9.7. Stopping the engine.....	33
9.8. After finishing the work.....	33
9.8.1. Cleaning the machine.....	33
9.9. Lawn treatment after dethatching	34

9.10. Fault diagnosis	35
9.10.1. The engine fails to start after periods of inactivity.....	35
9.10.2. Engine stalls during operation.....	36
9.10.3. A track of damage to the lawn.....	37
10. Transporting the machine	38
11. Maintenance	40
11.1. General.....	40
11.2. Periodic maintenance schedule	41
11.3. Lubricants	41
11.4. Routine check before each operation	42
11.4.1. Visual check of the state of the machine	42
11.4.2. Checking and topping up the engine's oil level.....	42
11.4.3. Cleaning the air filter	43
11.4.4. Checking and setting the depth control	43
11.5. Maintenance after every 30 hours of operation.....	44
11.5.1. General lubrication treatment.....	44
11.5.2. Changing the oil	45
11.5.3. Checking & adjusting the belt tension	45
11.5.4. Checking and/or replacing the spark plug	47
11.6. Maintenance after every 150 hours of operation	48
11.6.1. Replacing the air filter	48
11.6.2. Belt replacement.....	48
11.6.3. Replacing the blades	49
11.6.3.1. Fixed blades and Double Cut™ blades	49
11.6.3.4. Loose Blades.....	52
12. Option (E501).....	54
13. Storing the machine	55
14. Technical data sheet	56
15. EC Declaration of Conformity	57
16. Warranty conditions	59

5. Safety symbols

ELIET cannot anticipate every situation in which a risk or danger can occur. As such, the warnings in this operating manual and the labels on the machine are not comprehensive. Although minimal, some risk will always remain. If you apply a working method, operation or technique as the operator of the machine that is not explicitly recommended by ELIET, ensure in any case that this will not present a danger for third parties.



This manual uses certain symbols ("For your information", "Please note", "Warning") to provide additional information and highlight dangers.

5.1. For your information



For your information: This symbol is used to draw your attention to specific information and/or actions, or it is used to indicate where you can find additional information relating to the topic.

5.2. Please note



Please note: This symbol suggests safe practices. The purpose is to prevent incorrect operation that could result in personal injury or damage to the machine.

5.3. Warning



Warning: This notice warns you of any extreme dangers which you need to take into account in these specific circumstances. So for the sake of your own safety, remain alert at all times.

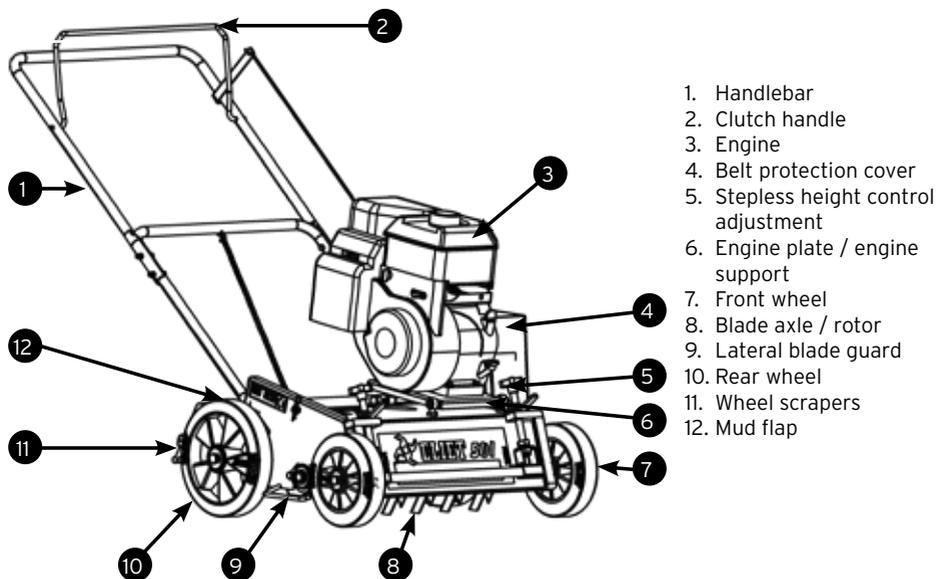
These safety messages can only warn of dangers, but not prevent them. Using common sense and observing the guidelines contained in this manual are essential to prevent accidents.

6. Main machine parts



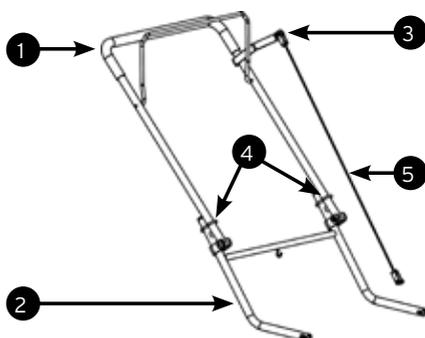
To fully understand the content of this operating manual, you need to be familiar with the terminology used for the descriptions. This chapter refers to a broad range of machine parts and identifies their names. We recommend that you take the time to know your machine prior to use for a better understanding of the descriptions provided in this operating manual.

6.1. Overall view



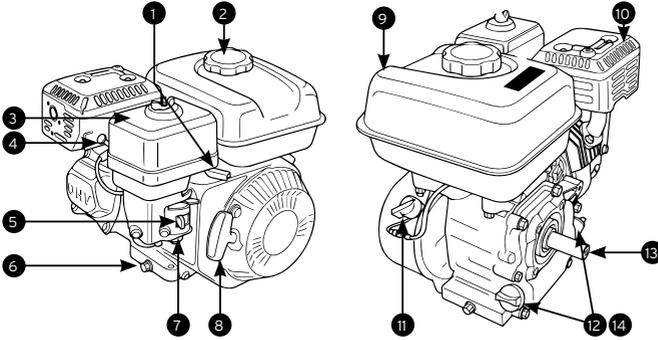
Foldable handlebar

1. Upper handlebar
2. Lower handlebar
3. Clutch handle
4. Ring
5. Clutch cable

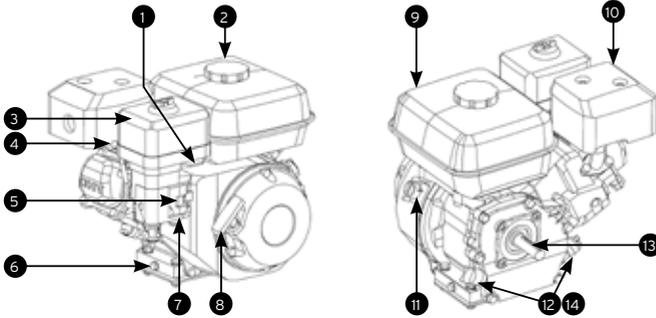


6.2. Engines

6.0hp HONDA GP200



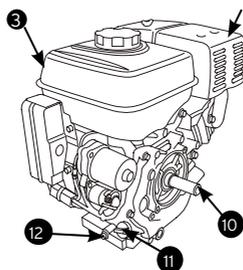
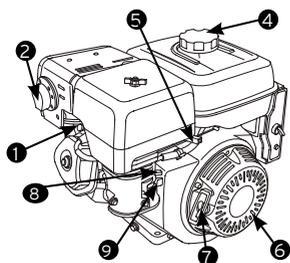
6.5hp HONDA GX200



1. Throttle
2. Petrol for UK
(gas for US) cap
3. Air filter
4. Spark plug
5. Choke
6. Oil drainage plug
7. Fuel valve
8. Recoil starter handle
9. Petrol for UK
(gas for US) tank
10. Exhaust
11. On-off switch
12. Oil dipstick
13. Crankshaft
14. Oil filler cap

6.5hp B&S Vanguard 200

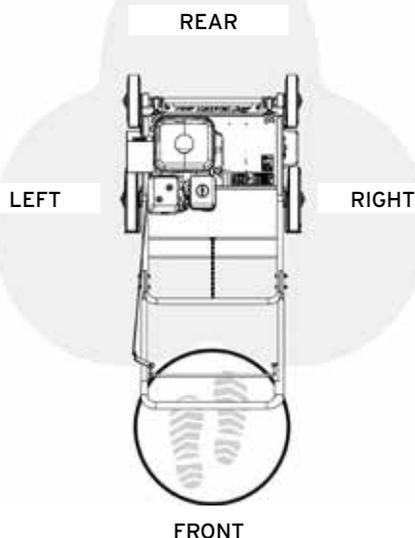




1. Spark plug
2. Exhaust
3. Petrol tank
4. Petrol cap
5. Speed control
6. Kickback starter
7. Starter handle
8. Choke
9. Fuel tap
10. Engine axis
11. Oil dipstick and oil filler cap
12. Oil drainage plug



For your information: All references to front, rear/back, left and right in this manual are from the viewpoint of the operator behind the steering column in the operating position.



For your information: Your ELIET dealer remains at your service for any maintenance or advice, so that your ELIET machine is always in perfect condition. You can contact the latter for original ELIET replacement parts and lubricants at any time. These machine parts are manufactured according to the same strict rules and craftsmanship as the original equipment.



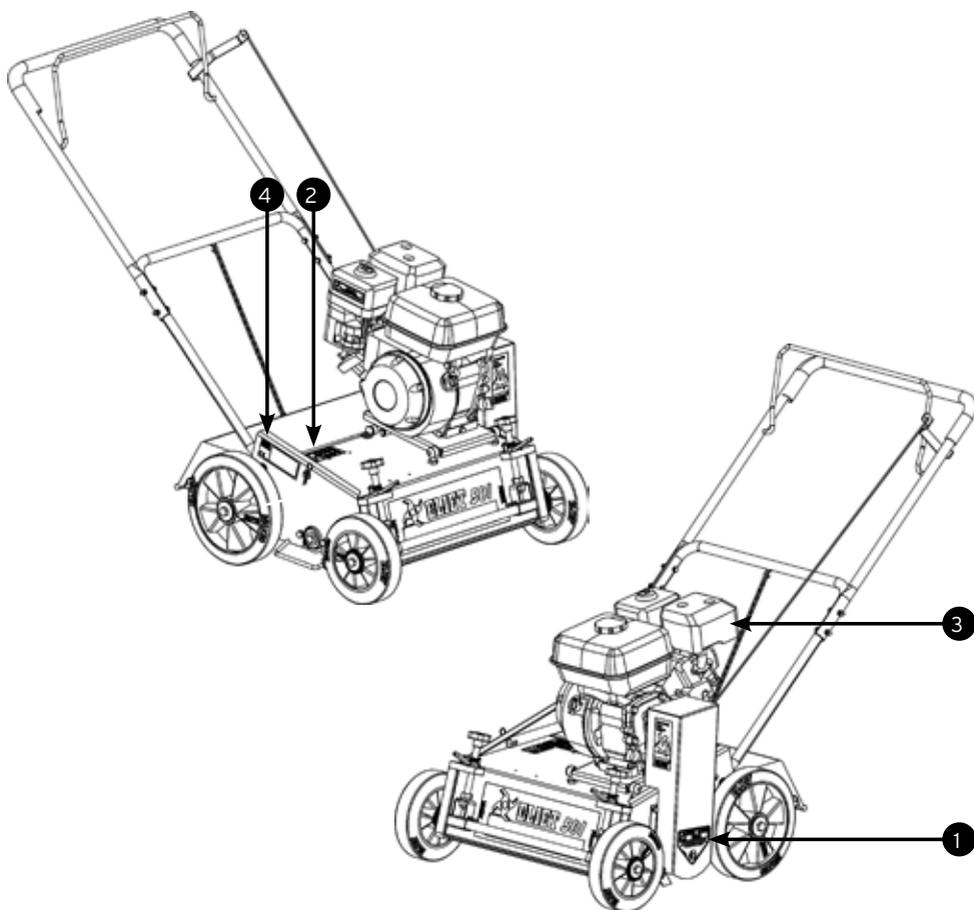
Caution: For your own safety, only original machine parts may be mounted on ELIET machines.

7. Safety instructions



7.1. Safety messages

The safety messages are clearly indicated on the machine with stickers or relief pictograms. Please take note of the symbols and warning messages displayed.





1. This sticker is affixed on the belt protection cover and warns about the danger of hand injuries. Keep your hands and feet away from underneath the machine as long as the blades are rotating. The engine must be turned off in case of faulty operation or before starting maintenance.
Order code: BQ 505 010 070



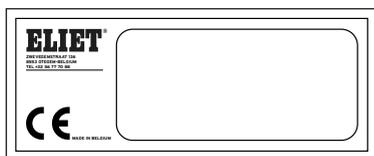
2. This sticker is affixed to the machine near the engine. It provides a summary of the general safety regulations by using icons:
 - This pictogram commands the user to read the manual before using the machine.
 - Suitable safety clothing (gloves, safety goggles, ear defenders) should be worn when operating the machine.
 - This pictogram commands the user to wear gloves.
 - This pictogram reminds the operator that bystanders must remain at a safe distance of 10m (30ft) to ensure their safety.
 - The sticker notifies the operator that the engine must be turned off and the spark plug cap removed before starting maintenance on the machine.



Order code: BQ 505 010 171



3. There is a relief image on the exhaust guard indicating that this surface can get hot. Particularly during and after operation/dri-ving the machine, there is a risk of burns.

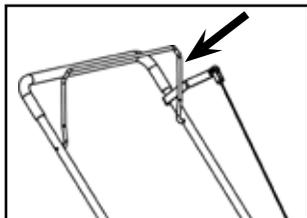


4. The unique sticker contains all the machine identification data: on it, you will find all the data identifying the machine: Model, model number, serial number, year of construction, engine, power output, weight, guaranteed A-rated noise level Lw(A). This sticker also includes information on the manufacturer. The CE label confirms that the machine is in compliance with the applicable European machinery directive.

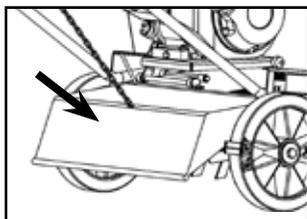


Please note: If due to cleaning or use, safety stickers or parts displaying safety information have been damaged, removed or become illegible, they must be replaced immediately. Stickers and parts can be obtained from your authorised ELIET dealer.

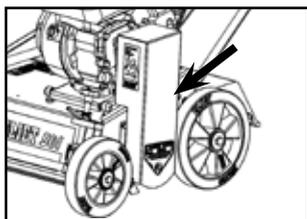
7.2. Safety features



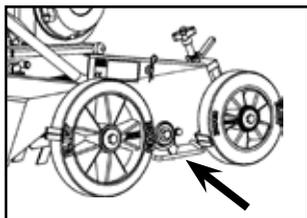
Clutch handle: Releasing the clutch handle disengages the blade drive from the engine, causing the blade axle to come to a stop.



Steel compartment and mud flap: The blades are encapsulated in a firm steel compartment; together with the mud flap it stops moss, grass and pebbles from flying up.



Belt cover: The cover ensures that all the rotating parts of the driver mechanism that might cause injuries are adequately screened off.



Lateral blade protection: A metal rod-shield between the wheels protects the operator's feet against contact with the rotating blades.



Warning: Never attempt to bypass or disable the safety features. These features are there to guarantee your safety. Before using the machine, the operator should check that the safety features work properly. Any defects must be repaired prior to using the machine.

7.3. Safety instructions

7.3.1. General safety instructions



Warning: Most accidents are caused by carelessness or reckless behaviour.

- The owner of the machine must keep this manual during its complete service life. It serves as a reference guide for the user so that he or she can use and maintain the machine in accordance with the correct instructions. Always refer to this instruction manual if you have any doubts regarding an action that you are about to perform.
- If the instructions stated in this manual are not clear to you, do not hesitate to contact your ELIET dealer for further explanation. In addition, the ELIET help desk is at your service during office hours to answer any questions you may have (EU +32 56 77 70 88).



For your information: Please also read the engine manual supplied with the machine. It contains useful tips about proper use and maintenance of the engine.

- Also read the chapter which is intended for the dealer (read § 8; page 19) and verify whether the machine has been supplied in accordance with the instructions.
- Carefully observe all safety instructions when using this ELIET machine. Make sure to read all the instructions about how to operate the machine. All these instructions are for your own safety.
- Get advice from the dealer or another professional when purchasing the machine.
- Read and observe all safety messages indicated on the machine in the form of text or pictograms. (read § 7.1; page 11)
- Always observe the applicable regulations of the Labour inspection to avoid accidents.
- In no event can the original design of the machine be modified without the explicit and written consent of ELIET EUROPE NV (Belgium).

7.3.2. Careful and proper use

- Think about every action you perform with the machine. Do not be tempted to become inattentive. Never act impulsively or on reflex.
- Despite the extensive safety features, do not seek out hazardous situations.
- This machine serves to rake out and remove the moss and felt growing on the bottom layer of your lawn. The machine must therefore only be used for this purpose.
- Dethatching is a surface operation. The blades should only touch the upper surface. The maximum blade depth is 2mm (1/10"). Too deep a blade setting increases the risk of broken blades and increased wear, and creates a risk of projectiles for the operator and bystanders.
- Dethatching must only be done in a forward travelling direction. Never use the dethatcher going backwards, always release the clutch handle before backing up.

- The machine must never be used as a means of transport for people or heavy loads. Nor must it be used to pull or drag objects.
- Never dethatch when the ground is frozen.
- It is recommended to work a dry lawn. Wet lawns increase the risk of accidents; extra care is necessary in these conditions.
- If the lawn is too dry after a period of drought, dethatching is not recommended. The dust generated from the lawn would increase wear and tear to the machine. In addition, dethatching would have a negative effect on the lawn in this case.
- The machine is intended for outdoor use. It must not be used in a closed or poorly ventilated area. There is a risk of intoxication due to exhaust fumes.
- Before starting work, the lawn must be thoroughly inspected for objects and obstacles (sprinkler nozzles, pit covers, edging and stepping stones, pegs, rocks, etc.). These must be removed. Consult the owner of the terrain regarding buried objects (electric cables, fuel or gas pipes, control cables, zone marking for robot mower, rocks, water pipes, irrigation systems, drainpipes, foundations, war ammunition, tree roots, etc.). These zones must be clearly marked and protected to prevent them from being driven over during the work.
- ELIET declines all liability for damage resulting from improper blade settings.
- The blades must be deactivated as soon as the machine is taken off the lawn and pushed across a hard surface. When crossing larger distances on a hard surface, the engine must be turned off as well.



For your information: ELIET declines all liability for damage resulting from improper blade settings or damage to buried objects.

- All animals must be removed from the working area.
- All ropes and straps used to attach the machine during transport must be completely removed before driving or operating the machine.
- Never work when light intensity is below 500 Lux.
- As soon as the machine leaves the lawn the blade must be raised from the soil and deactivated.
- During transport the blade clutch must be release and the engine switched off.
- Use the machine in an environmentally-friendly manner:
 - Avoid letting the machine idle without operating it.
 - Avoid spilling petrol while refuelling.
 - Service the engine regularly in order to maintain optimum combustion.

7.3.3. Operator's responsibilities

- All persons using the machine are assumed to be familiar with the safety instructions. **They are fully liable for the use of the machine with regard to themselves and third parties.**
- The operator of this machine is assumed to be responsible enough, and with enough common sense, to make decisions by him or herself.
- The operator must only use the machine when it is in good condition. They must also ensure that the operating elements have not been intentionally deactivated or fixed in one position.

- The operator may only use the machine if they know all the risks and are able to protect themselves and bystanders from such risks.
- The operator may only use the machine after reading the operating manual and correctly understanding and applying the instructions.
- The machine must not be operated by minors. However, this does not apply to people over the age of 16 who are learning to operate the machine under the supervision of an experienced user. This manual must be read before use.
- Children (under 16 years of age) and animals should be kept at a safe distance (10 m) from the machine. Never allow third parties to come within a 10 m radius of the machine.
- ELIET advises against lending the machine to others. Should this nonetheless be the case, the machine should only be lent to persons who are familiar with it. **Always make sure that the user is aware of the potential hazards and ensure that he/she reads the manual before using the machine.**
- When transferring operation to another user the transferring operator must ensure that they are wearing the appropriate clothing and equipped with the necessary personal protective equipment. They must check that the operator is familiar with the usage instructions. They must advise the operator until they become familiar with operating the machine.
- This machine must only be operated by persons who are not tired and in a good physical condition. Take a rest if you become tired whilst operating the machine.
- The machine must not be operated by those who are tired or under the influence of medicine, alcohol, drugs or other substances affecting the mind.
- Do not leave the machine unattended while in use. Always shut off the engine when leaving the machine unattended.



Warning: A moment of inattentiveness or carelessness can lead to lifelong regret.

7.3.4. Personal Protective Equipment (PPE)



For your information: Personal protective equipment helps to reduce the risks the operator is exposed to.

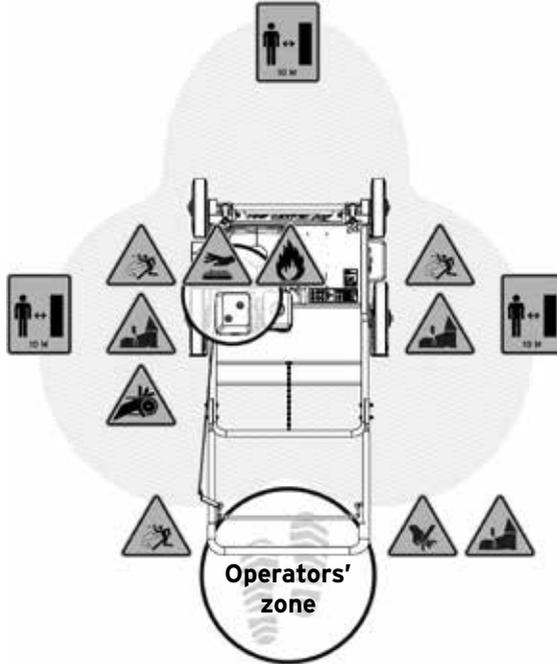
- The person operating this machine must wear suitable clothing. This means clothing covering the entire body, protective gloves and closed footwear.
- Since your feet run a high risk when operating the machine, sturdy, closed shoes with non-slip soles are a must. Shoes with a steel toe cap are highly recommended.
- To protect eyesight and hearing, ELIET recommends hearing protection and safety goggles.
- Dethatching can produce a considerable amount of dust. ELIET recommends using a dust mask. (masks should comply with the 89/686/EEC standard).

7.3.5. Danger zone



Warning: never lift up the rubber mud flap while working. This will eliminate the protection against projection and could lead to the risk of damage or injury.

The image below shows the position of the operator and the machine's danger zone:



- The safe position for the operator is behind the machine, with both hands on the handlebar.
- Never allow bystanders within the danger zone - a circle of 10 m around the machine - while working.
- The blades rotate, by pushing down on the handlebar to lift the front wheels to perform e.g. a turning movement, the blades may project dirt or stones from the ground. Always make sure there are no persons, animals or objects susceptible to damage in this area. If necessary, switch off the drive to the blades beforehand.
- Do not take risks! Stop the blade drive as soon as someone enters the danger zone.
- Shut off the engine when leaving the machine unattended.
- Once the engine is running, the operator's full attention must be on operating the machine.
- Protective covers are intended to shield off dangerous areas to avoid accidents. It is therefore strictly prohibited to operate the machine or to activate the engine or any drive when protective covers are removed.

7.3.6. Periodic maintenance



For your information: Good maintenance is essential for safe, economical and trouble free operation and for your own safety.



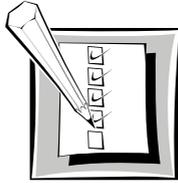
Please note: Wear the appropriate clothing and protection when maintaining - servicing or repairing the equipment.

- Before use, always inspect the machine to check that all machines parts are in good condition. The engine revolution rate must be set correctly.
- The machine must be cleaned after every work session.
- After every work, inspect if there is no damage to the blades. Damage to these components can cause serious injury to the operator or bystanders, as well as damage to property.
- Periodic maintenance is essential. Strictly follow the maintenance schedule included in this operating manual (read § 11.2; page 41) . An hour counter helps you keep track of the hours of operation of the machine. This can be ordered as an option. (order number: BE 412 410 000)
- If parts require replacement due to wear or failure, always contact your ELIET dealer and request original ELIET replacement parts. This is important for your own safety (find an official ELIET dealer near you at **www.elieta.eu**)
- Repairs and maintenance work may only be carried out with the engine switched off.
- Take the machine for an annual general service to your authorised ELIET service center.
- Maintenance work also requires full attention. All elements that can cause distraction should be avoided:
 - Avoid bystanders in the work area
 - Do not wear headphones with music or radio
 - Avoid TV screens with a moving image
 - Switch off smartphones to avoid being distracted by messages or calls.



Please note: repair, maintenance and cleaning work must only be carried out with the engine turned off and the spark plug cap decoupled.

8. Dealer's responsibilities



8.1. Unpacking the machine

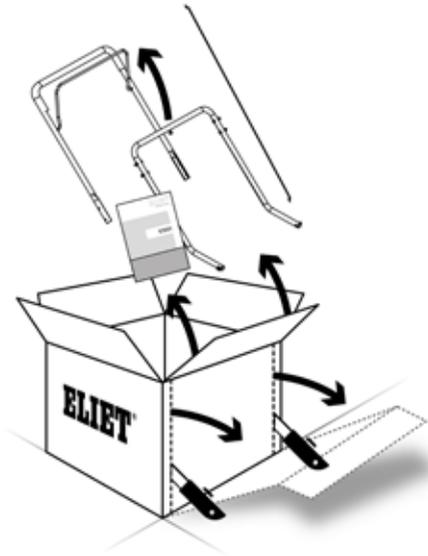
- ELIET machines are packaged in accordance with standard rules for proper transportation.



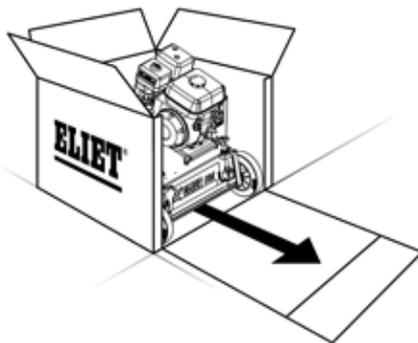
For your information: deliveries are always ex works. Consequently, ELIET cannot be held liable for any damage that occurs during transport.

- If the packaging is damaged upon receipt of the goods, check the state of the machine to ensure it is not damaged. Report any irregularities on the delivery slip before signing for receipt.
- In the event of damage to the machine, a complaint to the shipping company must be submitted immediately after delivery.
- Before opening the packaging, check that the information on the label affixed to the box corresponds to what is stated on the delivery slip and to what was ordered.
- In the event of discrepancy, contact the ELIET representative immediately to report this.
- After checking the packaging, the machine should be unpacked:

- Place the box on the ground.
- Open the box's flaps. The box contains a series of loose machine parts:
 - Lower handlebar
 - Upper handlebar
 - Clutch rod
 - Bag of fastening bolts
 - Manual

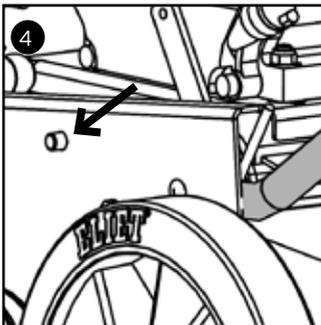
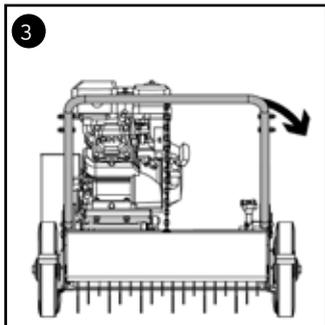
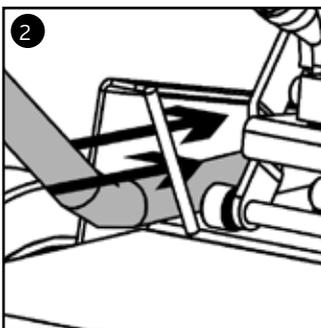
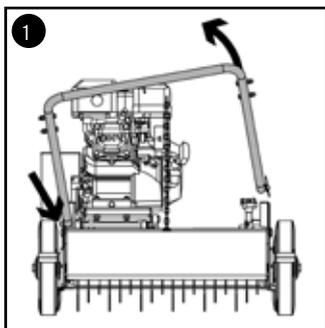
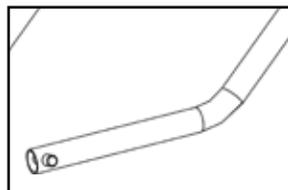


- Take everything out of the box.
- Cut open the side of the box where the front wheels are located.
- Once the cardboard has been cut open, fold it over to push the machine out of the box via this opening.

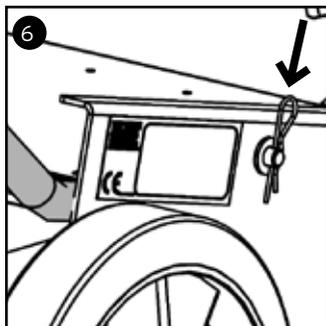
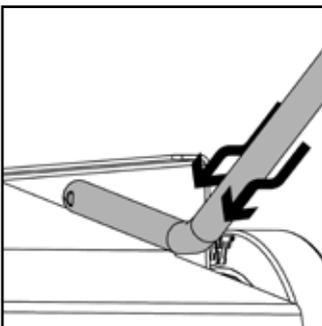
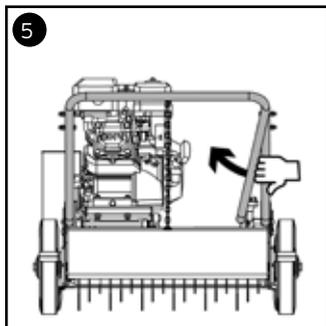


Now place the lower handlebar onto the machine.

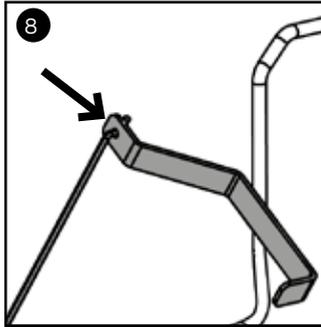
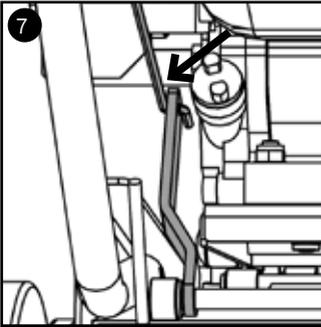
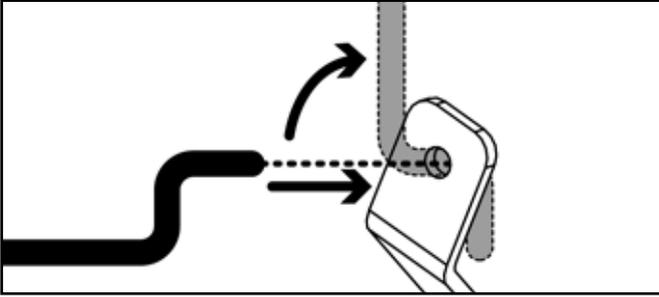
1. Tilt the lower handlebar so the left handlebar is pointing downwards.
2. Slide the handlebar into the opening just beside the engine plate.
3. Once the small rod of the tube has been slid into the frame, turn the handlebar 90° to the right so that the lower handlebar returns to its normal position.
4. Now slide the rod on the right hand side of the chassis true the hole.



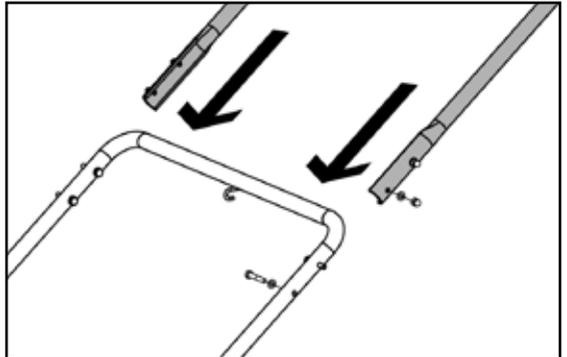
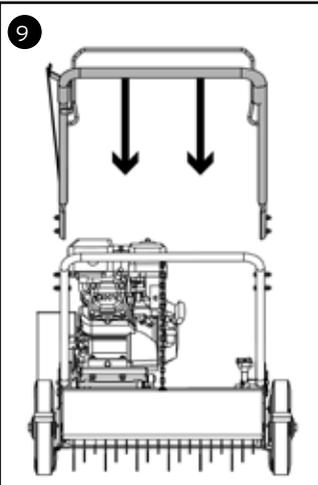
5. Once this has been fitted, push the right handlebar a little to the left so that the tube end can be positioned below the protruding edge of the compartment.
6. Slide the right axle journal through the hole provided in the right flank. If this axle journal sticks out from the compartment, slide over the pinion there and secure it with a Beta pin.



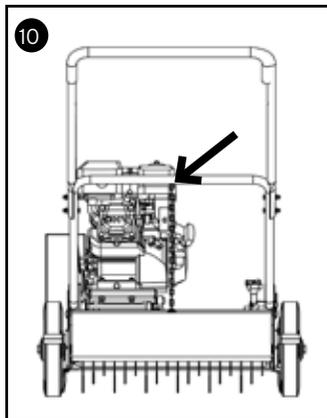
7. The clutch rod supplied has an S-connector on each side. First, attach the rod to the lever of the engine plate's tilting mechanism.
8. Next, attach the rod to the clutch handle.



9. Now place the upper handlebar on top of the lower handlebar. To do so, place the 4 M6 x 35 bolts with pinions into the holes provided. Next, tighten up the M6 lock nuts well. Use two size 10 ring wrenches to do so.



10. Next, attach the cover's chain to the lower handlebar's hook. Choose the link that ensures the cover hangs only a few centimetres(1/4") above the ground when the handlebar is at rest.



8.2. Other responsibilities



Warning: As an ELIET dealer, you **must** familiarise your customers **with the operation of the machine** and also **point out the possible dangers** while using it. You are expected to carefully go over the maintenance points of the machine together with the new owner. Repeat these instructions until the new owner has fully understood all points.



Warning: As the manufacturer of the machine, ELIET wishes to re-emphasise that the dealer must expressly point out to the customers the necessity of re-tightening all the blade bolts **within the first 5 operating hours**.

- The dealer is responsible for preparing the machine for use, before supplying it to the end user.
- The fuel tank will be filled (read § 9.3; page 28)
- The dealer checks whether there is oil in the engine and tops this up if necessary. (read § 11.4.2; page 42)
- The dealer must check that the RPM setting is at 3,200 RPM.
- The dealer must make a final test drive and check that all devices are working properly.
- The dealer must check that all safety features work perfectly.
- The dealer will set the correct work depth. (read § 9.2.1; page 26) Every ELIET dealer is responsible for a long operating life of the ELIET machine. They will ensure full lubrication of the machine before delivering it to the end user. This will grease all hinging and friction surfaces. (read § 11.5.1; page 44)



For your information: check the list § 11.3 'Lubricants' for the correct lubricant.

Important information for the new owner at the time of delivery:

- The dealer will explain how to adjust the depth setting. The correct setting must not be deeper than 2 mm (1/10") into the ground!
- The dealer must familiarise the new owner with the machine's operation.
- The dealer will clearly explain that the lawn must be mown prior to dethatching.
- They must also inform the new owner of potential hazards.
- It is recommended always cleaning the machine after each operation.
- The dealer must insist that the machine should be returned for its first service after 10 hours of operation (drive belt tightening and first oil change are required).



Please note: The dealer must point out that the new owner should register their machine at **www.elieta.eu** to maintain their right to the warranty. The dealer must ensure that the warranty card is filled out and signed. This is to avoid any warranty disputes. Please read the warranty conditions for more details.

9. Operating instructions

9.1. Preliminary checks



Caution: Before commencing work, it is recommended to get into the habit of checking the following points:

Checklist

- Check the machine's hours of operation and compare this number with the maintenance table. (read § 11.2; page 41)
- Check the oil level. Pull out the dipstick and check whether the oil level is below minimum. (read § 11.4.2; page 42)
- Check in advance that the fuel tank is full. If not, fill it up (read § 9.3; page 28)
- Check the air filter for excessive dirt. (read § 11.4.3; page 43)
- Check the blades for wear.(read § 11.6.3; page 49)
- Check that the blades are not bent. If necessary, straighten the blades again.
- Check that the belt tension is adequate. If not, adjust it (read § 11.5.3; page 45)
- Check whether the depth has been set correctly. (read § 9.2.1; page 26)
- Check that all protection covers are present and properly in place.
- Check that all safety features on the machine are still operating properly.
- If the machine is equipped with an hour counter, check that it is operating at the indicated speed (3,200 rpm). Never attempt to change the default engine settings.

Once these points have been checked and approved, the work area can be prepared (read § 9.4; page 29) and the machine can be moved onto it.

9.2. Preparing the machine

9.2.1. Machine set-up

CORRECT DEPTH SETTING = MAXIMUM EFFICIENCY



Caution: This maintenance may only be carried out if the engine is switched off and the blades have come to a standstill.



Warning: Make sure to wear gloves while performing this procedure.

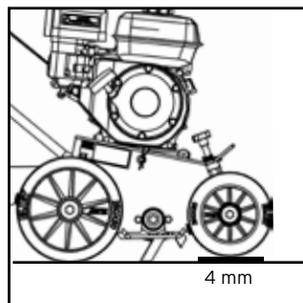
Remark: Check beforehand that the machine does not have bent blades. If a bent blade is detected, a pair of pliers can be used to straighten it, so that it is aligned again with the other blades.



Caution: First switch off the engine and check that the blades have come to a standstill before setting the work depth.

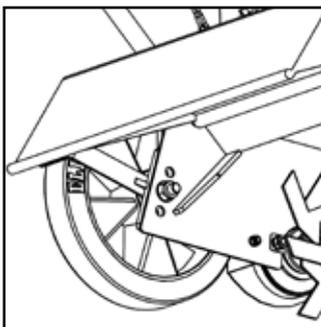
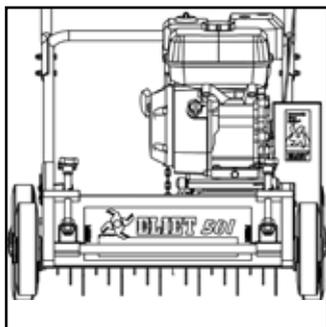
For proper functioning of the machine, it is recommended to set the depth such that the blades penetrate the grass surface by around 2mm (1/10").

There is a rule of thumb to use when setting the correct work depth. If an object around 4mm (1/6") high is placed under the front wheels, the blades should be just touching the ground. If the blade tips are not touching the ground, the work depth on the front wheels should be adjusted until this is the case.



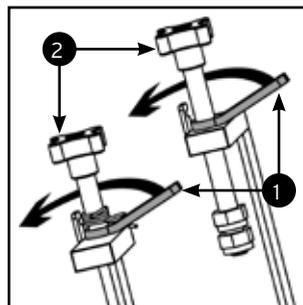
Two adjustment methods have been provided for setting the depth:

1. There is the stepless adjustment on the front wheels.
2. There are various positions for fitting the rear wheels.



The first adjustment method should be tried out first, before applying the second one.

- Carefully place the scarifier on an even and hard surface. Make sure that the blades do not get damaged.
- Turn the locking lever **(1)** anticlockwise to release the adjustment screw. Turn the depth adjustment button **(2)** anticlockwise to move the blades closer to the ground until the blade tip reaches the ground.
- After adjusting the depth, release the locking lever **(1)** to lock in the setting.
- Repeat this action for each of the front wheels until the blade tips reach the ground on each side of the machine.



- Check the size indication to see if it gives the same value on both sides of the machine. Also check that the front side of the scarifier is horizontal; if not, depth adjustment must be carried out again.
- If the end is reached during adjustment, set the rear wheels one position higher so the work depth for the front wheels can be adjusted once more:
 - To adjust the height of the rear wheels, two size 17 ring wrenches are needed. Loosen the attachment bolt completely.
 - Place the wheel into the higher-up attachment hole. Tighten up the M10 bolt again well.
- The depth setting for the front wheels can now be returned all the way to the starting position and the blade depth can be adjusted in accordance with the procedure described above.
- After adjusting the depth, remove the plates from beneath the front wheels.

9.3. Refuelling

When petrol UK (gas in USA) in the machine is running low, it must be refuelled. The use of fresh petrol is recommended at all times. Use unleaded petrol, preferably with an octane index of minimum 91 (preferably 98).



Warning: Under certain conditions, petrol is extremely flammable and highly explosive. Fires and petrol explosions can inflict severe burns and cause damage to personal property. As a result, please observe the following points:

- Never refuel with the engine running. Always allow the engine to cool off for several minutes prior to fuelling.
- Use fresh petrol only. ELIET is environmentally conscious and, as such, recommends using unleaded petrol. Additives may be used for extended fuel freshness.
- Store the petrol in an approved tank. Keep out of reach of children.
- Never refuel at the location where the machine is later to be operated. Keep a distance of at least 10 m from the selected work area. This is to avoid creating a fire hazard.
- Never refuel in a closed area.
- Clean off the area around the petrol cap and remove it. Do not fill the tank completely. Fill up to approximately 10 millimetres (3/8") from the brim. In other words, never fill it to the brim.
- Always use a funnel or a spout for refuelling. Special funnels are available from your ELIET dealer.
- Put the cap back on the tank as quickly as possible. If any petrol is spilled while refilling, then the engine should be immediately cleaned.
- Also make sure that clothing does not come in contact with the petrol. Should this occur, the clothing must be changed immediately.
- It is irresponsible and therefore strictly prohibited to refill the tank in the vicinity of smokers or near naked flames.
- If fuel is swallowed or comes in contact with the eyes, consult a doctor immediately.

9.4. Preparing the work site

- Never work when light intensity is below 500 Lux.
- Besides the machine, the work area must also meet certain conditions which must be verified prior to starting the work:
- Examine the work area and remove any objects from the lawn before commencing the work. Objects may include, among other things: metal, stone, plastic, pvc, bones, rope; but also molehills, branches, water hoses, etc. Some of these can cause severe damage to your machine or result in broken blades.
- The risk zone for objects that cannot be removed (such as drain covers, built-in power outlets, water sprinklers, tree roots, robot lawnmower wiring, etc.) must be visibly demarcated.
- Always mow the grass before dethatching. The grass should preferably be no longer than 30 millimetres (1 1/8).
- A mowed lawn also reveals any obstacles.
- Dethatching a wet lawn is not recommended.
- The lawn should not be dethatched if it is soggy. Areas where the machine can sink into the soft ground must be demarcated so that they are not accessible with the machine.
- Using the machine on extremely dry soil is not recommended for the following reasons:
 - The lawn will be badly damaged.
 - The grass will recover much slower than usual.
 - The blades wear faster and require replacement sooner.
 - More dust will be produced, soiling the engine more quickly.
 - Greater dehydration of the soil than was the case already.
- It is strongly recommend treating the grass with an anti-moss herbicide or a weed killer approximately 1 week prior to dethatching, to ensure that the moss is dead and dry. This will help the grass to thicken more easily after dethatching.

9.5. Starting the engine



Please note: Never start the machine when dust has settled on the engine or between its cooling fins. This reduces proper cooling of the engine and can cause a fire.



Warning: The blade axle spins as soon as the engine engages and the clutch handle is pulled towards the handlebar. Make sure that the clutch handle is not pressed when starting the engine. If ever control over the machine's operation is lost, the quickest way to stop the blade axle is by releasing the clutch handle.



For your information: the procedure to start the engine can vary per brand. Please check your engine manual. The chapter § 6 'Main machine parts' contains the various models.

If this has not been done when going through the checklist, always check the engine for adequate oil and fuel levels before starting it.

- For details about how to check and refill the oil. (read § 11.4.2; page 42)
- For petrol UK (gas in USA) refuelling. (read § 9.3; page 28)
- If the fuel tank is equipped with a fuel valve, open it.
- Depending on the type of engine, put the handle or turn the switch into the ON position.
- Set the choke (throttle) to "Close".
- Open full throttle, represented by the image of a hare.
- Engage the engine by firmly pulling the starter cord.
- Once the engine is running, set the choke to "Open". This prevents the engine from getting flooded. If you forget to do this, the engine will slow down and start producing a lot of smoke. It will eventually come to a stop. If this happens, restart the engine without opening the choke.
- If the engine fails to restart, this could be due to a greased spark plug, which consequently must be cleaned or replaced (read § 11.5.4; page 47)

9.6. Working with the machine



Caution: As long as the clutch handle is engaged and the engine has not come to a standstill after turning it off, the blades will continue to spin. Do not perform any maintenance work before they have come to a standstill.



Warning: The mud flap and the belt protection cover offer protection against rotating parts. It is therefore prohibited to reach behind these covers with any body parts while the engine is running.

9.6.1. Prior to starting work

Pay attention to the following safety instructions before starting to operate the machine.

- Never run a petrol UK (gas in USA) engine in a closed environment. There is a risk of carbon monoxide poisoning from the exhaust if you do.
- The operator must wear clothing, protective gloves and other protective equipment as prescribed in this manual (read § 7.3; page 14)
- The operator must stay alert while working. As long as they are operating the machine, their full attention must be on the job.
- A good gardener works efficiently and according to a well defined plan. This allows him or her to keep an overview of their work, and prevents accidents or incorrect manoeuvres with the machine.

- Once the engine is running, it is recommended to allow it to warm up. This is to allow the engine to run at maximum efficiency.



Warning: Never tilt the machine forward over the front wheels. This may inadvertently engage the blades.

9.6.2. Dethatching

For dethatching, the following procedure must be followed:

- Always place the machine on the lawn before engaging the blades.
- Push the handlebar down slightly to lift the blades off the ground. The blades should be lifted approximately 3 to 4 centimetres from the surface.
- Pull the clutch handle against the handlebar to engage the blades.
- Allow the blades to get to full speed.
- Bring the front wheels back to the ground.
- Push the machine at medium speed. The slower the dethatching process, the better the result.

Key notes with regard to dethatching are:

- Avoid standing still in a given spot, otherwise all vegetation will be raked away there.
- Efficient dethatching involves two runs of the entire surface, the second one perpendicular to the first.



Caution: Always switch off the engine before performing this cleaning work. Always wear gloves and safety goggles when cleaning.

Tip: Clean the machine immediately after use. Accumulated dirt will not have dried out and will be easier to remove.

- Be advised that dethatching is not the same as cultivating. Both processes have their own specific purpose and are carried out with specific machines.
- Make sure that the blades are not set too deeply. (max. 2 mm)
- Cease operation immediately if you hear unusual noises. Stop the engine and examine the cause of the noise/defect. Perform any necessary repairs before continuing.
- Should any objects have ended up under the machine despite proper preparations, immediately switch off the machine. Remove the object and check for any damage. Any defects must be repaired before resuming operation.

Follow the procedure below to change direction or to cross small distances (paths or terraces):

- Release the clutch handle.
- Push the handlebar down slightly to lift the blades off the ground. The blades should be lifted approximately 3 to 4cm or 2" from the surface. When the blades are still, the machine can be lifted a little higher if necessary.
- Roll the machine to where the dethatching needs to be done.
- Pull the clutch handle against the handlebar to engage the blades.
- Allow the engine to acquire the proper speed.
- Lower the blades.
- Push the machine again at medium speed.



Caution: The blades must be switched off before crossing a paved surface. Lift the front wheels approx. 4cm (2") by pushing the handlebar down. To cross relatively large distances (> 10m) over a paved surface the engine must be turned off.

9.7. Stopping the engine

- To stop the engine, switch the throttle or turn the knob into the "OFF" position.
- If the machine is equipped with a fuel valve, close it.

9.8. After finishing the work

9.8.1. Cleaning the machine



Please note: machine maintenance such as cleaning should only be carried out when the engine is turned off.

ELIET recommends cleaning the machine after each use. We recommend performing an inspection each time you clean the machine to check component and machine integrity. This allows timely intervention and prevention of any defects. This will ensure a longer service life for your machine.

Failure to clean the machine can cause:

- Increased wear of the bearings.
- Increased wear and tear of seals.
- Reduced engine cooling.
- Increased risk of fire.
- Inability to notice cracks or tears.
- Damage to the paint.
- Illegibility of safety stickers.

Remark: Failure to perform the daily cleaning will result in loss of warranty.



Caution: Wear suitable clothing when cleaning. Utility gloves are necessary.

The following points require special attention:

- The engine must be free of dust and dirt. The cooling fins in particular as well as the area around the exhaust must be clean. The area around the fuel cap must be kept clean to avoid dirt entering the fuel tank.
- The bushings must be cleaned of sand and dirt that has become stuck in the lubricating grease. Reapply lubrication after wiping. (read § 11.3; page 41)
- Remove dirt from the chassis and more specifically from the stickers with safety instructions.
- Use a dry cloth or soft brush for any cleaning. Use penetrating oil with MoS2 to remove grease and lubricants. The spray is a lubricant and rust solvent at the same time.
- Clean the air filter after each use. (read § 11.4.3; page 43)
- Power washing the machine is not recommended by the manufacturer. The high-pressure water jet reaches places where water should be avoided. Water is the number one cause of rust and this must be avoided at all times.

Any necessary replacement and/or repair works must be undertaken immediately. Ask your authorised ELIET dealer for all repairs. (find an authorised ELIET dealer near you at www.elieta.eu)

9.9. Lawn treatment after dethatching

After dethatching, it is essential to thoroughly remove the raked moss to avoid it from reattaching to the soil.

- **Overseeding:** To thicken up the lawn after dethatching, new grass must be sown in the open spaces. Working the seed into the soil is preferable to sowing on top of the existing grass. This allows faster germination of the seed and quicker thickening of the lawn. Watering the lawn at regular intervals is required. The overseeder from ELIET's product range is ideal for renovating your lawn.
- **Fertilising:** To help recovery of the existing lawn, a balanced fertilising treatment is recommended. This also stimulates growth of the sown grass. The choice of fertiliser depends on the soil, acidity and type of grass. Ask advice from a supplier of fertilising products.
- **Aeration:** The soil under the lawn has often been compressed from walking or driving on it. The grass does not get enough air as a result. This also prevents easy drainage of rain water and fertilisers. These are some of the causes of slow growth of the grass and increased growth of surface parasites, such as moss. Opening up the soil requires aeration at a deeper level.
- **Sanding:** Sanding the lawn can help provide air to the top layer. Sanding can best be done after dethatching or aeration. Sharp sand is the best choice.
- **Irrigation:** To protect itself from drought, grass will slow down its own growth during continuous sunny weather and high temperatures. Regular watering is recommended if a period of drought starts after dethatching. A humid soil below the grass is crucial for the absorption of fertilisers, continued growth and recovery of the lawn.

9.10. Fault diagnosis

9.10.1. The engine fails to start after periods of inactivity.

If the machine fails to start up after periods of inactivity, then this could be the result of any of the following causes:

- a. **Lack of petrol UK (gas for USA)**
- b. **Petrol is stale**
- c. **Bad spark plug**
- d. **Lack of oil**



Please note: Before examining possible reasons for the fault, make sure the ON/OFF switch for the engine is turned to the OFF position.

a. **Lack of petrol UK (gas in USA)**

First check that the fuel valve (if any) is open.

Then § 13 'Storing the machine' it is advisable to remove any residual petrol before long term storage of the machine. It may be the case that you forgot to refuel the machine. Check that the tank is adequately filled and refuel if necessary. A few attempts to start will be necessary to pump the petrol into the carburetor. Close the choke - the petrol UK (gas in USA) will now be sucked into the line. The engine will start running as soon as the carburetor has filled.

b. **Petrol is stale**

Petrol UK (gas in USA) has a limited shelf life. Petrol that has been sitting in petrol tank for more than a few months can cause starter problems. It also smells totally different than fresh petrol.

Pump out the contents of the fuel tank and refuel with fresh petrol.



Please note: be careful, even stale petrol can still be extremely flammable.

c. **Bad spark plug**

Without proper ignition, it will be impossible to get the engine to start. As such, check the spark plug. (read § 11.5.4; page 47)

d. **Lack of oil**

The engine's crankcase is filled with engine oil to lubricate and cool the pistons. Lack of oil can lead to increased wear of the engine. To protect the engine, the machine has been equipped with a control switch. This will disengage the engine if the machine is low on oil. Check the oil level and refill if necessary. (read § 11.4.2; page 42)

9.10.2.Engine stalls during operation

If the engine suddenly shuts off during operation, this could be the result of a number of factors:

- a. **Lack of petrol UK (gas in USA)**
- b. **Lack of oil in the engine**
- c. **Machine is on a slope**
- d. **Overload**
- e. **Technical defect**



Please note: Before examining possible reasons for the fault, make sure the ON/OFF switch for the engine is turned to the OFF position.

Take the following steps to restart the machine in any of the cases below:

a. **Lack of petrol UK (gas in USA)**

If you fail to monitor the petrol level and do not notice that the tank is running empty, the machine may suddenly switch off. If this occurs, simply refuel.

Check that the fuel valve is closed.

Repeat the starting procedure to pump fuel.

b. **Lack of oil in the engine**

(read § 11.4.2; page 42)

c. **Machine is on a slope**

Whilst working on a slope in the lengthwise direction, the engine may suddenly stop. The oil protection is the cause of this. Since the oil alarm works on the basis of level measurement; it detects a false oil level when the machine is in a slanted position. This is enough reason for the system to switch off the engine.

The solution is to wait a few moments before restarting the engine on a level surface. The problem will reoccur if you continue to do work on a slope. After checking the oil level on an even surface (read § 11.4.2; page 42) , the oil safety system may be disengaged temporarily. Do not forget to switch it back on afterwards.

Neither ELIET, nor the engine manufacturer, shall accept warranty claims based on a lack of oil in the machine.

If slopes are a recurring factor in a particular area, adding 0.2 litres of extra oil to the tank will resolve the problem.

d. **Overload**

By impacting a foreign object in the ground (e.g. tree root), the blades can get stuck on it and the engine can block. Even an excessively large object that gets into the discharge and blocks it will cause the engine to cut out. Check the housing and discharge system for foreign objects.

e. Technical defect

If neither of the aforementioned checks identifies the cause, the problem could be more technical in nature. A defect in the engine or a problem with the carburetor could be the issue. For assistance with these problems, please visit your authorised ELIET dealer or an authorised service centre for the engine brand.

9.10.3. A track of damage to the lawn

An abnormal trail of damage to the lawn may be detected on a strip while dethatching. Possible causes:

- Since the blades do the ground work, they should be the first to be examined. Presumably, one or more blades struck an object in the ground, causing it to become bent and carve out wide, unsightly grooves.
- It is possible that an object has become wrapped around the blade axle and causes a damage trail apart from the blades themselves.

10. Transporting the machine



- To move the machine, push the handlebar down slightly to lift the blades from the surface.
- The engine must be turned off if the machine is moved for transport.
- Only adults are permitted to move or transport the machine.
- During transport, children, unauthorised people or animals must not be allowed within a 3 m radius of the machine.
- Carefully choose a clear and free transport path, preferably one with as few obstructions as possible. The transport route should preferably be flat, with an even surface.
- If the machine tipped over for some reason, set it upright as quickly as possible. This prevents oil from the crankcase entering the air filter.
- Use non-slip ramps for loading the machine into a van or onto a trailer. Ensure that the ramps are properly fastened to the vehicle or trailer. Under no circumstances should the upwards slope exceed 25°.
- Attention and care while loading and offloading the machine can prevent it from tipping over and causing an accident.



Caution: Never run the machine for more than 30 seconds in a closed environment where animals or people are present. Exhaust fumes from petrol UK (gas in USA) engines contain harmful substances that can cause poisoning or suffocation.

When going up a slope, move the machine forwards.



When going down a slope, still move the machine forwards.



- When crossing differences in height between 40-60 mm (2-1/2"), it is recommended going backwards over them with the machine.
- A ramp must be provided to cross differences in height higher than 60 mm (2"). (steps, kerbs, etc.)



For your information: Machine breakage or defects resulting from incompetent operation are excluded from the warranty conditions.

- Make sure the machine is securely tied down to the vehicle during transport. Attach ropes to the fixed chassis parts to secure the machine.
- If you have purchased the **foldable handlebar option**: the handlebar of the machine folds down for more compact transport. To this end, slide the oval rings on the upper handle up and push the upper handle forward down on the unit.



For your information: Always close the petrol valve on the machine before transport. Failure to do so may result in excessive amounts of petrol being fed into the engine, causing starter problems and the risk of having to change the oil.

11. Maintenance



11.1. General

ELIET recommends bringing the machine to an official ELIET dealer for a full service every year (find an authorised ELIET dealer near you at www.elieta.eu). Your ELIET dealer is at your service for maintenance and advice at all times. They stock original ELIET replacement parts and lubricants. Their staff can always obtain advice and service from ELIET's help desk in order to provide you with an impeccable after-sales service.



Please note: Use only genuine ELIET spare parts when performing repairs. These machine parts are manufactured according to the same strict quality requirements and craftsmanship as the original equipment. For a list of original spare parts and their references, please visit www.elieta.eu.

Maintenance must always be carried out in a designated area. The area must meet the following criteria:

- Spacious
- Dust-free
- Easily accessible
- Clean and tidy
- Well lit
- Quiet

These characteristics are important for the correct performance of the maintenance.



Please note: Incorrectly performed maintenance may compromise the operator's safety. Maintenance must always be carried out with the engine turned off. As a precaution, the spark plug should also be removed. Always wear safety gloves when performing maintenance. Additionally, safety goggles may be required for certain operations.

11.2. Periodic maintenance schedule

a. Routine check prior to any operation on page 42

- Visual check of the state of the machine. (read § 11.4.1; page 42)
- Checking and topping up the engine's oil level. (read § 11.4.2; page 42)
- Cleaning the air filter. (read § 11.4.3; page 43)
- Checking and setting the depth control. (read § 9.2.1; page 26)
- Clean the machine. (read § 9.8.1; page 33)

b. Maintenance after every 30 hours of operation on page 44

- General lubrication. (read § 11.5.1; page 44)
- Changing the oil. (read § 11.5.2; page 45)
- Checking & adjusting belt tension. (read § 11.5.3; page 45)
- Checking or changing the spark plug. (read § 11.5.4; page 47)

c. Maintenance after every 150 hours of operation on page 48

- General lubrication. (read § 11.5.1; page 44)
- Changing the air filter. (read § 11.6.1; page 48)
- Replacing belts. (read § 11.6.2; page 48)
- Replacing blades. (read § 11.6.3; page 49)

11.3. Lubricants

Engine (0.75l)	SUNOCO SUPER DENALUBE SAE 20 W50 API SF / CC
Hinges	NOVATIO PTFE OIL
Wheel axles	SUNOCO MULTI-PURPOSE GREASE LR - EP2

11.4. Routine check before each operation

11.4.1. Visual check of the state of the machine

It is essential before commencing the work that the machine is inspected. This will allow you to anticipate breakage or wear and tear that affects the life span of the machine.

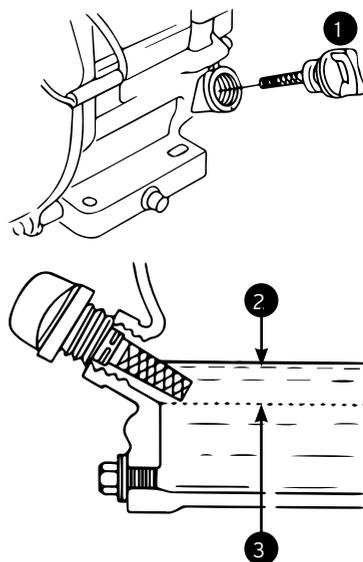
- Check the condition of the blades. Bent blades should be straightened.
- Check whether the machine operates at the proper speed at full throttle (3.200 RPM)
- Never attempt to change the standard settings for the engine.
- Check that the protective cover is securely fastened.
- Check that no parts are deformed, that welded seams are not cracked and that parts are not excessively loose.
- If problems are found, make the necessary repairs first.

Consult your authorised ELIET service centre for assistance if necessary or to obtain spare parts. Find an ELIET service centre near you at www.elieta.eu.

11.4.2. Checking and topping up the engine's oil level

If the oil level in the engine drops below a certain level, the engine will automatically switch off. At that point, the machine will have been operating with insufficient lubrication for some time. In order to avoid this situation, regular checks on the oil level are essential.

- Place the machine on flat ground so that the engine plate is horizontal.
- Switch off the engine.
- Let the engine cool down for about 15 minutes.
- Now unscrew the filler cap **(1)** from the crankcase.
- The oil must be visible up to the edge in the opening of the plug **(2)**.
- If the oil tank is not filled to the brim, this indicates a lack of oil.
- If the oil level is too low **(3)** it suffices to add some oil via the filler opening until the proper level has been reached. Continue to add oil until the desired level is reached.
- Always use recommended oil (see the list of recommended oils in the engine manual).
- Since the location of the filler opening is tricky to reach, we recommend using a tube or special funnel to avoid oil spills. Always clean the funnel before passing any oil through it.





Please note: Bear in mind that it will take a while for the oil to fully descend into the crankcase. Make sure you leave small intervals when filling the oil so that the dipstick gives the correct oil level reading. Oil shortages cause severe, irreparable engine damage. (This type of defect is not covered under warranty).

11.4.3. Cleaning the air filter

- The type of air filter depends on the engine brand and type.
- The air filter is located under the black protection cover next to the fuel reservoir on the engine.
- Release the black protective cover by loosening the screw on the top side.
- There are two types of filters. In addition to the common foam filter, there is a paper filter, similar to that on a car.
- Loosen the attachment bolt at the top of the filter cartridge so that you can remove it.



Please note: When removing the air filter, always make sure that no objects can fall into the opening of the carburetor. As a precaution, cover it with a clean piece of paper.

- Foam filters can be cleaned by rinsing them with some petrol UK (gas in USA) and blowing them with compressed air.
- Paper filters are cleaned by dusting them down or cleaning with compressed air.
- If the air filter is too dirty, it should be replaced. Contact the engine manufacturer's service centre and order the original replacement air filter.

Please note: Always make sure that the filter cartridge fits nicely in its place. It is important to make sure there is no gap through which unfiltered air can enter the engine. Dirty air in the engine will result in irreversible engine damage!

- After cleaning remount all parts properly.



Please note: In the event the machine has toppled over for some reason, check the air filter immediately. The tilted position of the engine may have caused oil to seep from the crankcase via the carburetor onto the air filter. Oil on the filter paper obstructs the air passage. Soiled filters must be replaced immediately.

11.4.4. Checking and setting the depth control

CORRECT DEPTH SETTING = MAXIMUM EFFICIENCY

(read § 9.2.1; page 26)

11.5. Maintenance after every 30 hours of operation

11.5.1. General lubrication treatment

ELIET is committed to using high-quality materials that extend the machine's life cycle despite sometimes dusty work circumstances.

For this reason, special lubrication products have already been applied in the factory. ELIET also recommends lubricating all the parts below on a regular basis:

- Bearings
- Hinges

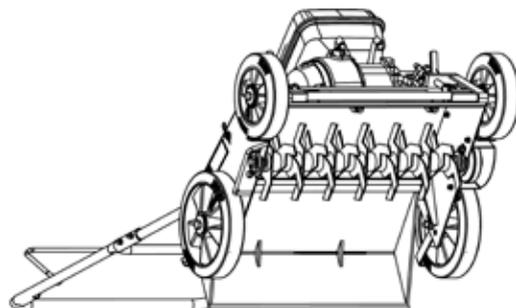


Caution: As applies to all maintenance work, the engine must be turned off. Remove the spark plug cap. Utility gloves are essential.

a. Lubricating bearings

Bearings that are used under dusty circumstances benefit from regular cleaning and lubrication.

- Tilt the machine backwards by pushing the handlebar down. It provides easy access to the blade axle.



Please note: Tilting the machine can lead to petrol seepage from the tank.

Prior to lubricating the bearings they must be cleared from old lubricant and deposits. Cleaning spray aimed at the bearings and in the bearing joints will do the job easily. ELIET recommends NOVATIO KLEENSPRAY-S.

- Allow it to work for a few minutes so that it can enter the bearing as well.
- Let the bearings run while blowing away all deposits and cleaning agent with compressed air. Repeat the above procedure if the dirt was not removed.
- Check that the bearing does not show excessive play. Also check that the bearing is running smoothly. In the event of defects, consult your ELIET dealer for a bearing replacement in order to avoid future inconvenience.
- Re-apply a high quality lubricant. Spray NOVATIO NOVA PTFE OIL into the joints of the bearing seal.
- Wipe away any excessive lubricant.
- Reposition the machine on all four wheels.

b. Lubricating the hinges

To avoid wear of hinging parts or friction zones, apply lubricant regularly.

Pay special attention to the following areas:

- The tilting point of the engine's fixing plate
- Attachment points of the starter cord
- Hinge of the blade clutch handle

Follow this procedure:

- First spray the friction zones with cleaner. Allow it to sit for a while. ELIET recommends NOVATIO KLEENSPRAY-S.
- Wipe away old lubricant with a cloth or paper tissue.
- Once the friction zones are clean, new lubricant can be applied to the contact areas. We recommend NOVATIO PTFE OIL or SUNOCO MULTIPURPOSE LR - EP2. All lubricants indicated are available from your ELIET dealer.

11.5.2. Changing the oil

- Ensure that the engine is on an even surface and turned off.
- At the exhaust side of the engine, below the engine base, a plug is screwed into the crankcase. (See the engine manual.)
- Get a one litre (2 quarts) container before unscrewing the plug.
- Empty the full contents (approx. 0.75l or 26 fl oz) from the engine.
- Screw the drain plug back on. Wipe away any spilled oil with a clean cloth.
- Remove the machine from its maintenance support and place it on flat ground.
- Refill the engine with fresh 4 stroke oil. For this, ELIET recommends using high-quality oil with a high detergent level: SUNOCO DENALUBE SAE 20W50 API SF / CC.
- Fill approx. 0.75 litres or 27 fl oz of oil into the oil filler opening. Remove any spilled oil after filling. For an accurate dipstick reading of the oil level, allow sufficient time for the oil to settle in the crankcase.
- Place the dipstick in the filler opening without fastening it. After pulling it out again, the oil attached to the dipstick should reach the maximum mark. If not, more oil must be added.
- Also check the engine manual.



Warning: Too little oil in the engine causes severe and irreparable engine damage.

11.5.3. Checking & adjusting the belt tension

The scarifier must be tilted to check the belt tension. The air filter must be removed prior to tilting the machine to prevent soiling it with oil. Don't tilt the machine longer than necessary; place it horizontally again as soon as possible. Should any oil seep back to the air filter compartment, remove it with a dry and totally lint-free cloth and run the scarifier without the air filter for a couple of minutes. Don't forget to replace the air filter afterwards.



Please note: When adjusting the belt tension the engine must be turned off and the spark plug cap removed. Wearing gloves is obligatory whenever contact with the drive components could occur.

1. To reach the attachment bolts for the cover, tilt the scarifier by pressing the handlebar against the ground.
2. Remove the four screws and nuts (M6) from the belt protection cover. Hold the nuts on the inside of the chassis with another ring wrench (size 10) when loosening the screws. Then place the machine's wheels back on the ground.

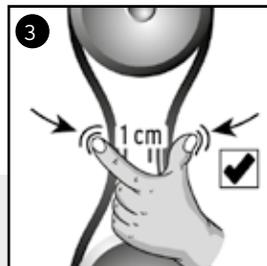
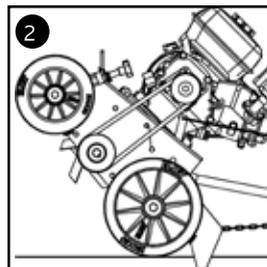
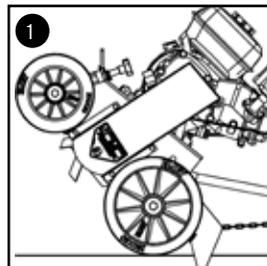
3. **A rule of thumb for checking the belt tension:**

Press the belt (as shown) with the clutch released and the gap must be about 1cm or 1/2". If it's more you have to adjust the tension.

4. **In order to adjust the belt tension, the height of the engine plate's hinges can be adjusted:**

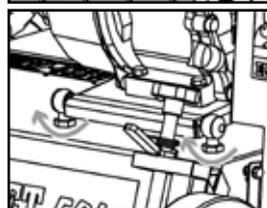
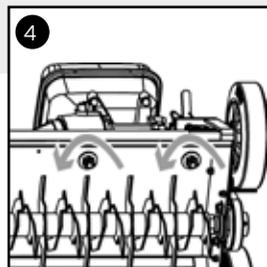
Tilt the machine back over the rear wheels to reach the lock nuts tensioning the hinges. Unscrew the 2 (M10) nuts 4 full turns. Reposition the machine on all four wheels.

- Turn clockwise the 2 counter nuts beneath the engine plate the same amount until you get 1/2" gap between the loose belt (fig3).
- If the belt tension proves to be too loose or too tight, it must be adjusted. A loose drive belt will bang against the protection cover. (read § 11.5.3; page 45)

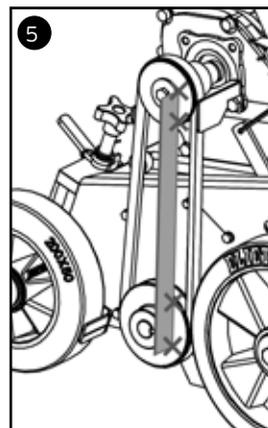


For your information: Because a new belt will expand somewhat during the first period of operation, it is recommended to adjust the tension after 10 hours of operation (for belt adjustment (read § 11.5.3; page 45)

5. **Check the alignment of the two pulleys.** The 2 pulleys are aligned if a slat, held against the 2 pulleys, held against the brake disks, touches the four indicated points.
 - If necessary, alignment can be adjusted via the nuts under the engine plate. The result must be that the engine plate is level with the chassis. Make sure that the belt tension is still correct after adjustments.



- Tilt the scarifier by pushing the handlebar to the ground:
- Tighten both lock nuts (M10) under the machine.
- Fit the belt protection cover. When replacing the belt protection cover, verify that it doesn't touch the pulley when the blades are engaged. The slots in the cover provide some play to avoid contact.
- Reposition the machine on all four wheels.

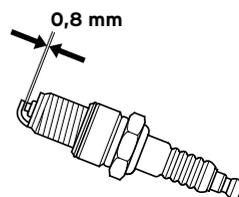


11.5.4. Checking and/or replacing the spark plug

ELIET suggests the following spark plugs:

Honda GP 200 - 6 hp	BPR6ES (NGK)
Honda GX 200 - 6.5 hp	BPR6ES (NGK)
Honda GX 270 - 9 hp	NGK BPR 6 ES
B&S Vanguard 200 - 6.5 hp	Champion RC12YX

- Turn off the engine and pull the cable from the spark plug.
- Clean the area around the spark plug and remove the spark plug from the cylinder head.
- Using a feeler gauge, check whether the distance between the electrodes is 0.8 mm.
- The spark plug must be replaced if it shows heavy deposits or is very dirty.
- Take the following steps to verify ignition quality:
 - Put the spark plug cap back on.
 - Grab the rubber of the spark plug cap and press the outermost electrode against the mass of the engine.
 - Pull the starter cord.
 - Check for sparks between the electrodes.
 - The spark plug is in good condition if the sparks are clear and neatly centred between the electrodes.
 - Weak, irregular and off-centre sparks between the electrodes indicate that the spark plug must be changed.



Please note: Fitting or changing a spark plug must be done with utmost caution so as not to damage the screw thread in the engine. Secure the spark plug with a torque of 20 Nm.

11.6. Maintenance after every 150 hours of operation

11.6.1. Replacing the air filter

This procedure is exactly the same as for cleaning the air filter. (read § 11.4.3; page 43)

New, suitable air filters are available from your ELIET dealer or an authorised service centre of the relevant engine brand.

11.6.2. Belt replacement



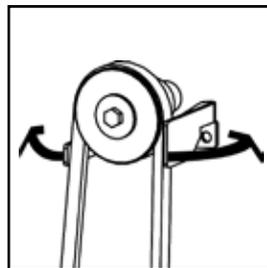
Warning: When adjusting the belt tension the engine must be turned off and the spark plug cap removed. Wearing gloves is obligatory whenever contact with drive components could occur.

- Remove the belt protection cover. (read § 11.5.3; page 45)
- Place the machine back on all four wheels.
- The belt will be detached, i.e. the engine plate is at rest in the lowest position.
- A belt catcher has been provided in the area of the pulley on the engine. Bend the two plates of the belt catcher open so that the belt can be removed from the pulley.
- Remove the belt from the pulleys.
- Fit the new belt.

E501 (ordering code: BA 521 208 000)

E750 (ordering code: 2 x BA 521 208 570)

- Adjust the belt tension correctly. (read § 11.5.3; page 45)
- Bend the two plates of the belt catcher back to their original position (+/- 2mm (1/10") play with the outer diameter of the pulley)
- Replace the belt protection cover as it was originally fitted.

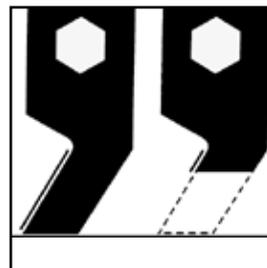


Caution: A new belt will be subject to stretching during its first operational hours. This will reduce the belt tension. The belt tension will therefore need to be re-adjusted after the first 10 hours of operation.

11.6.3. Replacing the blades

The blades are self-sharpening; they don't require sharpening.

- Blade replacement is required when the blades are fully worn.
- We strongly recommend NOT to replace only one or just a few blades since this interferes with a uniform operation of the machine across the entire width.



11.6.3.1. Fixed blades and Double Cut™ blades

The following 4 steps must be taken for changing the fixed and Double Cut™ blades:

- Removal of the blade axle
- Removing old blades and installing new blades
- Replacing the blade axle
- Performing checks and finishing

a. Removal of the blade axle

- Tilt the scarifier by pushing the handlebar to the ground. This provides easy access to the blade axle.
- Remove the blade drive protection cover. Do so by fully unscrewing the four fixing bolts (M6). Use a second ring wrench (10) to hold the lock nut on the inside of the chassis.
- Remove the belt from the pulley. This can only be done with the blade clutch released.
- In order to remove the pulley, the two Allen adjustment screws must be removed first. Allen wrench 3. Spray some penetrating oil into the newly released holes and allow this to soak in so that the pulley comes away more easily.
- Remove the pulley using a pulley remover (puller).
- Remove the wedge from the groove.
- Support the blade axle so it does not come loose when removing the fastening bolts.
- Remove the bolts (M8) that secure the two bearing holders. Use a size 13 ring wrench.
- Remove the blade axle from the frame.

b. Removing old blades and installing new blades

- To replace the blades, it suffices to remove the bearing at the pulley end.
- Before removing the bearing, slightly sandpaper the tip of the axle to remove any corrosion, burrs or dirt etc. that may impair easy handling.
- The bearing is secured in position by two M3 Allen adjustment screws in the bearing hub. Remove these screws with an Allen wrench 2.5. Spray some penetrating oil into the newly released holes and allow this to soak in so that the bearing comes away more easily.
- Slide the bearing, the bearing holders and the bearing protective plate off the tip of the axle.
- The blades and the spacing rings have been slid on the blade axle on its six-sided profile. This assembly is robustly held together by a large M22 nut on the tip of the axle. Loosen this nut (anticlockwise) with a size 32 open-end wrench. Remove the nut from the axle.
- Now slide the steel end piece, the blades and spacing blades one by one off the axle.
- Clean the nylon spacing rings; they will be put back in place on the axle with the new blades.
- If the axle shows serious signs of heavy wear or incisions at the location of the blades, it must be replaced immediately as well.
- Thoroughly clean the bare axle. Use steel wool or some fine sandpaper for this.

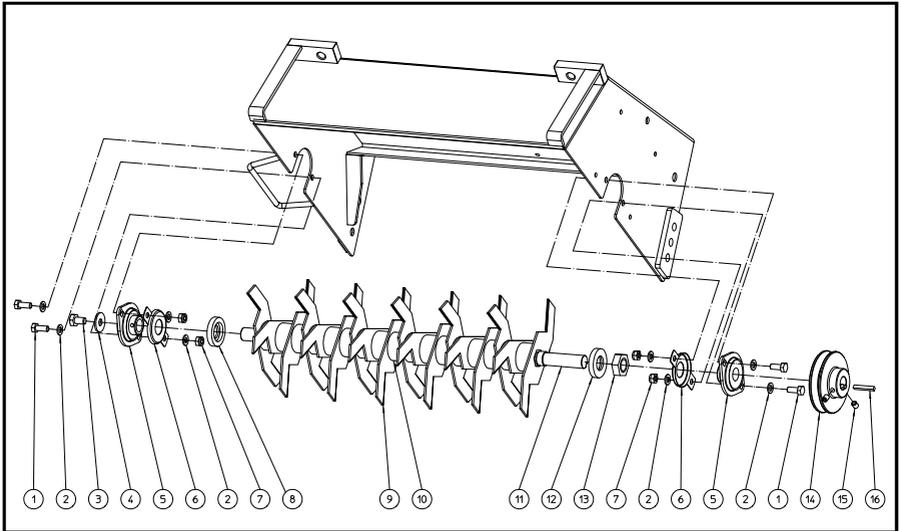
- Check both bearings for signs of play. Rotating the bearings will quickly reveal any bearing noise. If there is any, replace the bearings along with the blades.



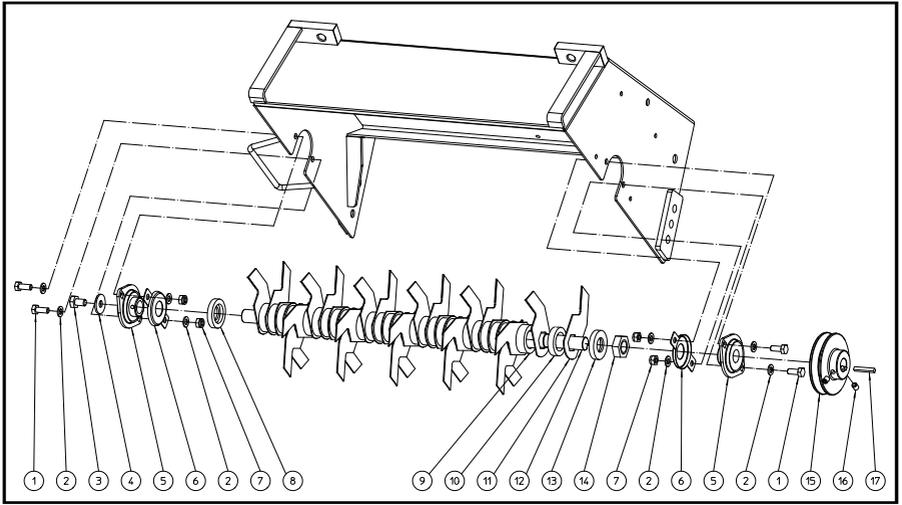
For your information: All original parts are available from your authorised ELIET dealer.

- A fixed blade can be ordered using the number BU 402 100 201 (E501 - 18 pcs.) and BU 402 100 202 (E750 - 25 pcs.).
- A Double Cut™ blade can be ordered using the number BU 402 300 102 (E501 - 32 pcs.) and BU 402 300 103 (E750 - 44 pcs.).
- Place the new blades and spacing rings on the blade axle in the correct order.

Fixed blades:



Double Cut™ blades:

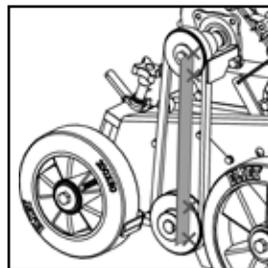


- Ensure that the blade tips correspond to their spinning direction.
- Two adjacent blades are always offset at 60 degrees.
- Replace the end piece. Ensure that the six sided locking washer is well positioned in the recess for the tailpiece, so that it presses well against the blades and spacing rings when tightened.
- Screw the M22 nut clockwise back onto the screw thread area of the axle. Tighten this nut up further so that the assembly blades and spacing rings is robustly tensioned. While doing so, continue to check that none of the blades have come loose.
- Replace the bearing protector, bearing holder and bearing back on the axle. This must not yet be fastened using the adjustment screws.

c. Replacing the blade axle

- Once the blade axle is reassembled it can be replaced into the chassis. The bearing holders must be fitted on the inside of the chassis plate.
- Attach each bearing holder to the frame with the two M8 bolts. The nut is located on the inside of the chassis. Next, firmly tighten the bolts using two size 13 ring wrenches too.
- The axle should not be tensioned when mounted. To check this, turn the blade axle around. If no resistance can be felt and the axle can rotate freely several times, this is in order. If not, tap the axle tips with a plastic hammer while the axle rotates. The second bearing should only be attached to the blade axle with the adjustment screws once the axle is running smoothly.
- Before screwing in the adjustment screws, first drill into the blade axle. Using a 3mm drill, make a small pit (1mm) in the axle via the fastening holes for the adjustment screw, to create a seat for the adjustment screw. Take care here that the screw thread is not damaged.
- Blow the fastening holes clean using compressed air, so that no chippings remain.
- Now place the two Allen adjustment screws M3 into the fastening holes and screw them on firmly (Allen wrench 2.5).

- Now place the wedge back in the groove and slide the pulley back onto the axle. The hub should be pointing towards the tip of the axle here.
- Check the alignment of the two pulleys. The pulleys are aligned if a slat, held against the pulleys, touches the four indicated points.
- Once the right position for the pulley has been determined, re-attach it by tightening the two Allen M8 adjustment screws (Allen wrench 4).
- Replace the belt on the pulley.



11.6.3.4. Loose Blades

Each individual blade is mounted on a hinge between two holder plates. The blade hinges upon a steel bush that is tensioned with a bolt connection. When replacing the Loose Blades, these bushes must be replaced at the same time. They come supplied with a blade set.

E501 (ordering code: BU 402 200 102)

E750 (ordering code: BU 402 200 103)



For your information: All original parts are available from your authorised ELIET dealer.

The procedure for changing the Loose Blades is as follows:

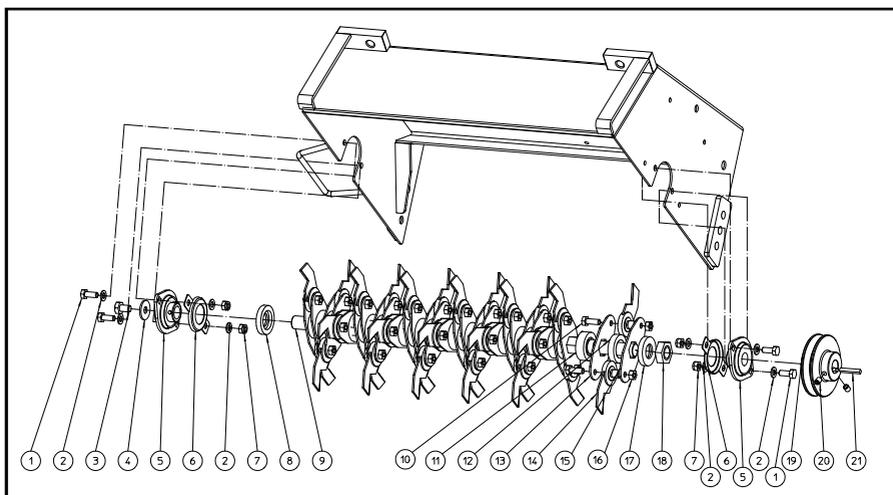
- Tilt the machine backwards so the handlebar is lying on the floor.



Caution: avoid petrol UK (gas in USA) leaking out of the tank - empty it first if necessary.

- Each blade holder contains two blades. Remove the M8 bolts per blade holder, and use locking pliers to pull the worn blade, along with the bush, from between the holder plates.
- Once all the blades have been removed, any build-up of dirt between the blade plates should be removed.

- Next, replace the blade with the steel bush on the blade plate. Take care with the direction the blades are fitted (see image).



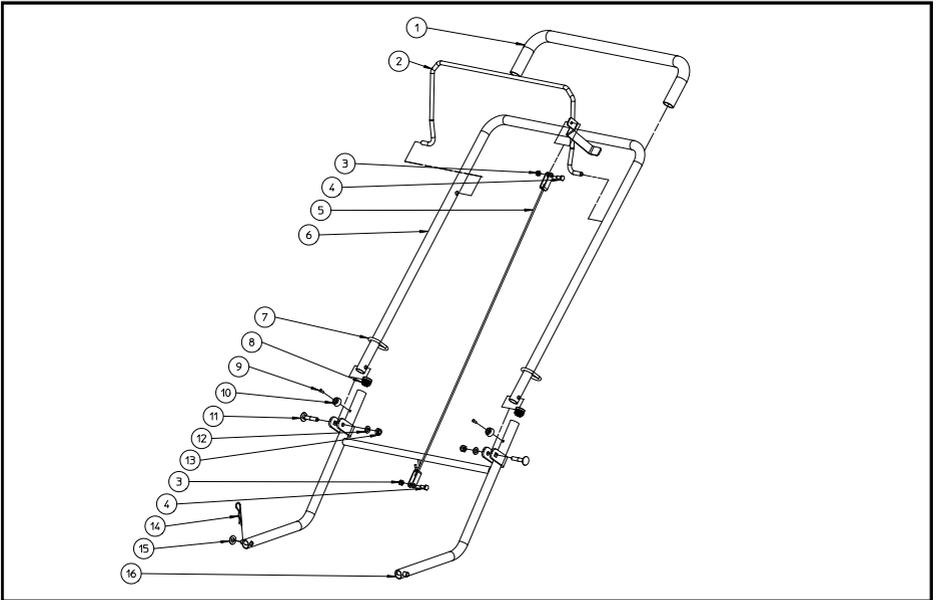
- Place the M8 bolts in the blade holder such that the nut is always located on the side of the drive t.
- Tighten the bolt for each blade holder (2 x size 13 ring wrench).
- Once all the blades have been tightened, tilt the machine back onto 4 wheels.

12. Option (E501)

Foldable handlebar

If a machine often needs to be transported in vehicles with limited storage space, there is a handlebar that can quickly fold up without the need for tools.

The handlebar also consists of the following components:



- In order to fit the handlebar, first slide the oval rings to each end of the upper handlebar.
- Place the upper handlebar such that each end of the rack fits into the lower handlebar's U-shaped holder.
- Next, place the M8 bolt through the holder and the bracket. The bolt head is located on the outside of the holder.
- Screw the nut on so as to remove the play between the tube and the holder, while avoiding squeezing the tube. That way, the tube can still hinge smoothly.
- To replace the handlebar on the machine, follow the similar instructions as below § 8.1 'Unpacking the machine'
- For the foldable handlebar, the clutch rod has been replaced by a cable.
- The cable will be connected to the engine plate's lever with an M6 bolt (use two size 10 ring wrenches). **Caution:** do not tighten the nut too far, to allow the prong to still move.
- Also attach the cable with an M6 bolt to the clutch handle on the handlebar (use two size 10 ring wrenches).

13. Storing the machine



Clean the machine. (read § 9.8.1; page 33)

When storing the machine for an extended period, it is recommended to follow the steps below:

- Apply a 30 hours maintenance (read § 11.5; page 44)
- Check all nuts and bolts and tighten them where necessary. Most bolts require the use of two wrenches, size 10, 13 or 17.
- Empty all fuel from the tank. This can be done simply by letting the engine run until the machine hits empty. Use a siphon if necessary, to pump the petrol UK (gas in USA) into a jerrycan (read § 9.3; page 28)
- Remove the spark plug. (read § 11.5.4; page 47) Spray some MoS₂-based penetrating oil into the cylinder. Then pull the starter cord until the piston is in its uppermost position. Now replace the spark plug.
- To avoid rust on the machine, touch up all chipped areas or treat them with anti-rust grease. Original paints/enamels in the appropriate colours are available from your ELIET dealer.
- Store the machine in a cool, dry place, away from possible rain. If necessary, cover it with a tarpaulin.
- Always allow the machine to cool down before storage.
- If the machine is stored outdoors, it must be properly covered with a tarpaulin. Avoid rain/water from splashing on the machine. ELIET highly recommends a sheltered storage place.

14. Technical data sheet



E501

Engine choice	6.0 hp Honda GP200 / 6.5 hp Honda GX200 / 6.5 hp B&S Vanguard 200
Operating width	500mm (20")
Handlebar	floating
..... Fixed blades (number/thickness)	18 / 3mm
..... Loose blades (number/thickness)	34 / 2.5mm
..... Double Cut™ blades (number/thickness)	32 / 1.5mm
Permanently Sharp Blades™	yes
Depth adjustment.....	front: stepless
.....	rear: 2 states
Blade clutch	vertical belt tension
Chassis	steel plate 3mm
Transmission	V-belt XPA800
Dimensions (L x W x H in mm)	1200 x 740 x 1000mm (47 x 29 x 40")
Weight	60kg (133lbs)

E750

Engine choice	9 hp Honda GX270 / 10 hp B&S Vanguard
Operating width	750mm (30")
Handlebar	floating
..... Fixed blades (number/thickness)	25 / 3mm
..... Loose blades (number/thickness)	48 / 2.5mm
..... Double Cut™ blades (number/thickness)	44 / 1.5mm
Permanently Sharp Blades™	yes
Depth adjustment.....	front: stepless
.....	rear: 2 states
Blade clutch	vertical belt tension
Chassis	steel plate 3mm
Transmission	2 V-belt XPA857
Dimensions (L x W x H in mm)	1300 x 910 x 1050 mm (51 x 36 x 41")
Weight	80kg (176lbs)

15. EC Declaration of Conformity



Machine:..... Scarifier
Type: ELIET E501
Model number: MA 008 020 231 Fixed blades 6.0hp Honda GP200
Model number: MA 008 020 206..... Fixed blades 6.5hp Honda GX200
Model number: MA 008 030 206..... Loose blades 6.5hp Honda GX200
Model number: MA 008 040 206 Double Cut™ blades 6.5hp Honda GX200
Model number: MA 008 020 118 Fixed blades 6.5hp B&S Vanguard GX200
Model number: MA 008 030 118 Loose blades 6.5hp B&S Vanguard GX200
Model number: MA 008 040 118..... Double Cut™ blades 6.5hp B&S Vanguard GX200

Machine:..... Scarifier
Type: ELIET E750
Model number: MA 009 010 207 Fixed blades 9.0 hp Honda GX270
Model number: MA 009 020 207 Loose blades 9.0 hp Honda GX270
Model number: MA 009 030 207 Double Cut™ blades 9.0 hp Honda GX270
Model number: MA 009 010 122 Fixed blades 10 hp B&S Vanguard
Model number: MA 009 020 122 Loose blades 10 hp B&S Vanguard
Model number: MA 009 030 122 Double Cut™ blades 10 hp B&S Vanguard

These machines have been designed and manufactured to comply with the following European standard:

**PrEN 13684 Garden equipment - Pedestrian controlled lawn aerators and scarifiers - Safety
DIN 33402: Body measures**

The ELIET machine factory hereby declares that after performing a hazard analysis, it is fully aware of the potential hazards and risks associated with the machine. Based upon this knowledge, the necessary steps have been taken in line with Machine Directive 2006/42/EC in order to ensure full operator safety when the machine is used correctly.

The value of the measured sound power and the guaranteed sound power were obtained by applying the procedures described in European Directive 2000/14/EC Annex III/B 49 and regulations from EN 13684.

Measured sound level Lw(A): 94 dB(A)

Guaranteed sound level Lw(A): 95 dB(A)

Date: 01/01/2011

Signature:

Frederic LIETAER

Business Manager ELIET EUROPE NV

born 02/01/1975

A handwritten signature in black ink, appearing to read 'Frederic Lietaer', written over a horizontal line.

ELIET EUROPE NV

Diesveldstraat 2

B - 8553 Otegem

Belgium

Tel: +32 56 77 70 88

Fax: +32 56 77 52 13

E-mail: info@eliet.eu

16. Warranty conditions

Dear Customer,

We thank you for purchasing an ELIET product. Congratulations on your purchase of this machine which is sure to exceed your expectations and needs over the coming years. At ELIET, we do everything to ensure that our products function properly. That is why your product comes with a warranty.

What is a warranty?

At ELIET, the design and production of our products are subject to strict quality rules. The purpose of these rules is to guarantee a long service life and permanent safety. That is why ELIET is happy to repair any hidden defects or faults during the whole run-in period (i.e. the warranty period) free of charge, provided the prescribed procedure is followed.

Warranty conditions

ELIET's warranty obligations for new machines are governed by the following conditions.

I. Warranty period

The warranty period starts the day the dealer delivers the machine to the customer (maximum one week after the purchase) and expires:

- After two years for private use.
- After twelve months or 100 hours of operation for rental use.
- After twelve months or 100 hours of operation for semi-professional and/or professional use.

To apply for this warranty the customer must register the purchased product with ELIET and complete the registration details on the website:

www.elieta.eu. If you do not have access to the internet, please complete the attached registration card and return it to ELIET.

II. The warranty does not apply in the following cases.

- Parts that are subject to wear and tear (e.g. blades, bearings, belts, chains, cogs, tyres, bulbs, fuses, etc.) are not covered by the warranty conditions.
- Defects caused by improper use, neglect or consequential damage by an external source (fall, chippings, objects, accident).
- Defects caused by improper maintenance of the machine, i.e. contrary to the prescribed periodic maintenance.
- Defects caused by improper repairs carried out by parties other than authorised ELIET dealers or after using non-original ELIET replacement parts.
- Defects caused by making improper changes to the original design of the machine.

- Faults occurring as a result of machine use contrary to the instructions contained in this manual.
- Failure to observe the prescribed warranty procedure or expiry of the warranty period.
- For all problems relating to the engine, please contact an authorised service centre of the engine manufacturer.
- In no event shall Eliet be liable for incidental or consequential damages (including but not limited to liability for loss of profits) arising from the sale or use of this product.

III. Procedure

- **Step 1:** On the date of purchase, the customer registers his/her purchase online by completing the registration card on **www.eliet.eu**. In addition, the enclosed registration card must be completed on the day of purchase. The first part of the card has to be returned to ELIET within one month. The customer is required to keep all remaining parts of the card along with the purchase invoice for the duration of the warranty period.
- **Step 2:** In the event of a defect, the customer must have it verified by the authorised ELIET dealer. If the dealer finds a manufacturing defect, they may invoke the warranty under the terms specified.
- **Step 3:** Every warranty application must be accompanied by a completed official application form. Dealers may request application forms from ELIET or from an ELIET importer/agent.
- **Step 4:** The dealer orders the parts necessary to perform the repairs. Next, the dealer faxes the order form together with the completed warranty form and a copy of the registration card to ELIET.
- **Step 5:** The warranty form must be stapled to the purchase invoice and sent to ELIET or an ELIET importer/agent.
- **Step 6:** ELIET sends the parts ordered to the dealer under the regular delivery and payment conditions.
- **Step 7:** The defective part will be examined by ELIET's technical department prior to approving or rejecting the warranty. ELIET reserves the right to unilaterally decide whether or not the customer has complied with all the conditions applicable to the one or two-year warranty. Faulty components automatically become the property of ELIET.
- **Step 8:** If a warranty claim is found to be valid, ELIET will credit the parts under warranty. Customers are never entitled to a refund of labour costs.

IV. In the event of damage caused by transport:

- All goods are supplied ex works. Transport risks shall be borne by the customer. ELIET therefore recommends checking the goods for damage on delivery.
- Any damage found must be detailed on the BOL before signing. Make sure the driver of the transport company puts his signature next to the details about the damage on your copy.
- In the absence of a written and signed statement on the BOL, the transport insurance company will not accept any liability.
- Claims for damages must be submitted to the carrier and shall include a copy of the BOL and a covering letter detailing your complaint.
- The damaged machine should be kept in its original condition until the carrier's insurer has performed an examination.

**REGISTRATIONCARD
ELIET CUSTOMER SERVICE**

To be able to claim the full rights to which you are entitled, it is important to register within a month after the date of purchase. Therefore, fill out this registration form and return the first registration card to the ELIET Customer Service. Your purchase should be registered on the ELIET website: www.eliet.be

**REGISTRATIEKAART
ELIET KLANTDIENST**

Om als klant, aanspraak te kunnen maken op waarborg dient men zich binnen de maand na aankoop bij ELIET te registreren. Hiervoor vult u onderstaand document volledig in en stuurt het eerste deel van deze registratiekaart naar de ELIET Klantendienst terug. Registreer uw aankoop op de ELIET website: www.eliet.be

**CARTE
SERV**

Pour profiter de tous les avantages auxquels vous êtes éligible, il est important de vous inscrire dans le mois suivant l'achat. Complétez ce formulaire et renvoyez la première partie au Service Clientèle ELIET. Votre achat doit être enregistré sur le site Internet ELIET: www.eliet.be

ELIET
Registration card
Registratiekaart
Carte d'enregistrement
Registratiekaart

ELIET Customer Service
Zwervogenstraat 136
B-8503 Odegem
Belgium

renvoyer la première partie de la carte d'enregistrement à l'ELIET Kundendienst zurück. Registrieren Sie Ihren Kauf ebenfalls auf der ELIET Website unter: www.eliet.be

Customer Identity / Klantgegevens / Données du Client / Kundendaten

Name / Naam / Nom / Name

First Name / Voornaam / Prénom / Vorname

Street / Straat / Rue / Strasse

Nr / Nr / N° / Nr

Box / Bus / Boite / Ksp.

City code / Pstnr / Code Postal / Postleitzahl

City / Plaats / Ville / Stadt

Country / Land / Pays / Land

Telephone / Telefoon / Téléphone / Telefon-Nr

Fax / Fax / Télécopieur / Fax

E-mail

Machine Identity / Machinegegevens / Données de machine / Daten Maschine

Model / Model / Modèle / Modell

Year of manufacture / Bouwjaar / L'année de construction / Baujahr

Article Code / Artikel code / Code d'article / Artikel-Nr.

Serialnumber / Seriennummer / Numero de série / Serien-Nr.

Date / Datum / Date / Datum

Signature
Handtekening
Signature
UnterschriftStamp of dealer
Stempel van handelaar
Géchet de revendeur
Stempel Fachhändler

I declare that all information that was filled in is correct and truthful. I also declare to have read and understood the operations manual and the warranty conditions. Ik verklaar dat al deze gegevens waarheidsgetrouw werden ingevuld. Hierdoor geef ik te kennen de garantievoorwaarden en handleiding te hebben gelezen en begrepen. Je déclare que tous les données complètes sont correctes et véridiques. Je déclare également d'avoir lu et compris les notices du mode d'emploi et les conditions de garantie. Ich erkläre hiermit, dass alle angegebenen Daten korrekt und wahrheitsgemäß gemacht wurden. Ich erkläre ebenfalls, dass ich die Garantiebedingungen gelesen und verstanden habe.

Put a crossmark to which application this machine was used. Zet een kruis bij de toepassing waarbij deze machine wordt ingezet. Indiquez avec une croix l'environnement dans lequel la machine a été utilisée. Kreuzen Sie an, für welche Art von Gebrauch die Maschine bestimmt ist.

- Home use / Particulier gebruik / Usage particulier / Private Nutzung
 Professional Landscaping / Hoofmiersbedrijf / Usage Professionnel / Gewerbliche Nutzung
 Forestry / Bosbouw / Forêt / Forstbetrieb
 Public Greenhouses / Openbare groenvoorziening / Espaces Verts Public / Öffentliche Grünflächenversorgung
 Rental / Verhuur / Location / Vermietung

Dit document dient binnen de maand na aankoop teruggestuurd te worden naar de ELIET Klantendienst. This document has to be returned to ELIET Customer Service within a month after purchase. Renvoyez ce document au Service après-vente ELIET dans le mois suivant à la date d'achat. Dieses Dokument muss innerhalb eines Monats nach Kaufdatum an den ELIET Kundendienst zurückgeschickt werden.

