

**ENG**

Translation of original user guide



## BACKPACK BLOWER AIRION BP

Operating instructions

57\_148610-A  
04/2021

**READ THE USER GUIDE CAREFULLY BEFORE USE**

   #LOVEELECTRIC

**PELENC**



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## 1. INTRODUCTION

Dear Customer,

Thank you for purchasing your Backpack blower Airion BP. Correctly used and maintained, this tool will give a satisfactory performance for many years.



### Warning

Your device contains numerous recoverable or recyclable materials. Return it to your dealer or, failing this, to an approved servicing centre to be treated.



Comply with the regulations in force in your country as concerns environmental protection associated with your activity.



### Warning

It is imperative that you read through the ENTIRE user's manual before using or servicing the tool. Always comply with the instructions and illustrations in the manual.

All through this user guide you will find advisory notes and information entitled: NOTE, IMPORTANT, ATTENTION and WARNING.

The points marked "NOTE" indicate additional information.

The points marked "IMPORTANT" warn the user of a potential risk to the equipment.

The points marked "ATTENTION" warn the user of a potentially hazardous situation which if not avoided leads to minor injuries.

The points marked "WARNING" warn the user of a potentially hazardous situation which if not avoided leads to serious injury or death.

The warning  indicates that damage resulting from failure to comply with the procedures and instructions is not covered by the warranty and the owner will be liable for any repair costs.

Safety indications are also given on the tool; they remind you of the safety precautions to be taken. Identify and read these indications before using the tool. Immediately replace any indications that may become partially illegible or deteriorated.

Refer to Section 2.4, "Safety signage" for the location diagram of the safety stickers affixed to the tool.

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## 2. SAFETY

### 2.1. GENERAL SAFETY WARNINGS FOR THE TOOL



#### **Warning**

**Read all the safety measures and all the instructions.** Failure to comply with the following instructions risks causing electric shock, fire and/or serious injury.

#### **Note**

**Retain all the safety measures and instructions for later reference.**

The term "power tool" in the safety warnings refers to your battery-powered electric tool (without power cord).

#### 2.1.1. WORK AREA SAFETY

1. **Keep the work area clean and well lit.** Cluttered or dark areas invite accidents.
2. **Do not operate power tools in an explosive atmosphere, for example in the presence of flammable liquids, gases or dust.** Power tools create sparks, which may ignite the dust or fumes.
3. **Keep children and bystanders away while operating the power tool.** Distractions can cause you to lose control of the tool.

#### 2.1.2. ELECTRICAL SAFETY

1. **The power tool connector must be adapted to the socket. Never modify the connector in any way whatsoever. Do not use adapter plugs with earthed (grounded) power tools.** Unmodified plugs and suitable sockets reduce the risk of electric shock.
2. **Avoid contact with earthed surfaces such as pipes, radiators, cookers, and refrigerators.** There is an increased risk of electric shock if your body is in direct contact with the ground.
3. **Do not expose power tools to rain or damp conditions.** The entry of water into a power tool increases the risk of electric shock.
4. **Do not mishandle the power cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges and moving parts.** Damaged or entangled cords increase the risk of electric shock.
5. **Use an extension cord suitable for outdoor use when operating power tools outdoors.** Use a cord suitable for outdoors to reduce the risk of electric shock.
6. **Use a power supply protected by a residual current device (RCD) when the power tool is operated in a damp location.** Use of an RCD reduces the risk of electric shock.

#### **Note**

The term "Residual Current Device" (RCD) can be replaced by "Ground Fault Circuit Interrupter" (GFCI) or "Earth Leakage Circuit Breaker" (ELCB).

#### 2.1.3. PERSONAL SAFETY

1. **Stay alert, watch what you are doing, and use common sense when operating the power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention when using a power tool can result in serious personal injury.
2. **Use personal protective equipment. Always wear eye protection.** Safety equipment such as dust masks, non-slip safety shoes, helmets, or ear protection used at the appropriate times reduces injuries.

3. **Avoid accidental starting of the tool. Make sure the switch is in the off position before you connect the tool to the power source and/or battery pack, pick it up, or carry it.** Carrying a power tool with your finger on the switch or connecting a power tool with the switch in the 'on' position can cause accidents.
4. **Remove any adjusting wrench before switching the electric tool on.** A wrench left attached to a rotating part can cause injury.
5. **Do not rush. Keep proper footing and balance at all times.** This provides better control of the power tool in unexpected situations.
6. **Dress appropriately. Do not wear loose clothing or jewellery. Keep hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can get caught in moving parts.
7. **If devices are provided for connecting dust extraction and collection equipment, ensure that these are connected and properly used.** Use dust collectors to reduce the risk caused by dust.

#### 2.1.4. USE AND CARE OF THE POWER TOOL

1. **Do not force the power tool. Use the power tool suited for the job.** The adapted power tool does the work better and more safely at the speed it was built to operate at.
2. **Do not use the power tool if the switch does not allow it to be switched on and off.** Power tools that cannot be controlled by a switch are dangerous and must be repaired.
3. **Unplug the tool from the socket or remove the battery (if possible) before any adjustment, change of accessory or storage.** These preventive safety measures reduce the risk of accidentally starting the power tool.
4. **When not in use, keep power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate it.** Power tools are dangerous when operated by inexperienced users.
5. **Maintenance of the power tool and its accessories is mandatory. Check that the moving parts are not out of alignment or jammed, that there are no broken parts or that there is no other condition which could affect the operation of the power tool. If damaged, repair the power tool before using it.** Many accidents are due to poorly maintained power tools.
6. **Keep the cutting elements sharp and clean.** Properly maintained cutting tools with sharp cutting elements are less likely to jam and are easier to control.
7. **Use the power tool, accessories, blades, etc. in accordance with these instructions, taking into account the working conditions and the work to be done.** Using the power tool for operations other than those specified can result in hazardous situations.

#### 2.1.5. USE OF BATTERY OPERATED TOOLS AND PRECAUTIONS FOR USE

1. **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
2. **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
3. **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
4. **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, wash away with water. If liquid contacts eyes, seek additional medical help.** Liquid ejected from the battery may cause irritation or burns.

#### 2.1.6. UPKEEP

1. **Have the power tool serviced by a qualified technician using only identical spare parts.** This ensures the continued safety of the power tool.

#### 2.1.7. TOOL'S END OF LIFE MANAGEMENT

1. **When the tool reaches the end of its life, PELLENC keeps the end of life sheet of the equipment at disposal.** The end of life sheet provides instructions for safely removing components.

## 2.2. SAFETY INSTRUCTIONS FOR THE BACKPACK BLOWER AIRION BP

1. Do not misuse the power cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep the power lead away from heat, lubricant, sharp edges or moving parts.
2. Never modify the connector in any way whatsoever.
3. Use personal safety equipment. Always wear eye protection.
4. The dust raised during operation can be harmful to health. In case of liberation of dust, wear a dust mask.
5. Comply with tool servicing instructions. Check that the moving parts are not misaligned or jammed, that there are no broken parts or that there is no other condition which could affect the operation of the tool. In the event of damage, have the tool repaired before using it.
6. Inspect the work area prior to starting. Remove all debris and hard object such as stones, glass, wires, etc. which could fly and cause serious injuries or damage when the blower is in use.
7. Use the blower to blow out grass, straw or leaf waste, urban garbage.
8. Never blow towards people or animals - the blower can lift up small objects and throw them out at high speed - risk of injury.
9. While using the blower, be careful not to endanger small animals.
10. Stop the blower, turn off the battery, disconnect the power cord and wait for the rotor to stop before opening the air intake screen: risk of serious injuries (rotating parts).
11. Do not obstruct, part or all of the air intake.
12. Ensure air intake screen is properly maintained.
13. Inspect the blower before each use, check that the parts are not worn, loose, damaged or missing. Do not use the blower if it is not in perfect condition.
14. To avoid fire spreading, do not use the blower near wood fires or barbecues, etc.
15. Do not draw up solids or liquids through the intake duct - risk of damaging rotating components and intake screen.

## 2.3. SAFETY MEASURES ASSOCIATED WITH PELLENC CHARGER AND BATTERY USE

Refer to the instructions supplied with the PELLENC battery and charger.

2.4. SAFETY SIGNAGE

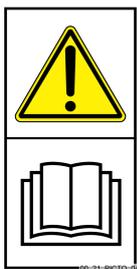
**WARNING / ATTENTION**

To reduce the risk of injury, user must read instruction manual. / Pour réduire les risques de blessures, l'utilisateur doit lire le manuel d'instructions.

For use only with Alpha 520 or ULIB 750 battery. See instruction manual for additional battery packs. / Utiliser uniquement avec une batterie Alpha 520 or ULIB 750. Voir le manuel d'instructions pour les blocs de batterie supplémentaires.

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Warning! Read the operating instructions manual



Warning: risk of projections



LwA sound power level guaranteed



Warning: risk of hair getting caught in the fan turbine.



Do not insert your fingers or any type of object into the air intake screen. When the intake screen is not fitted, there is a risk of contact with rotating parts - risk of injury! - risk of damaging the rotating parts



Wearing of wear safety goggles is compulsory.

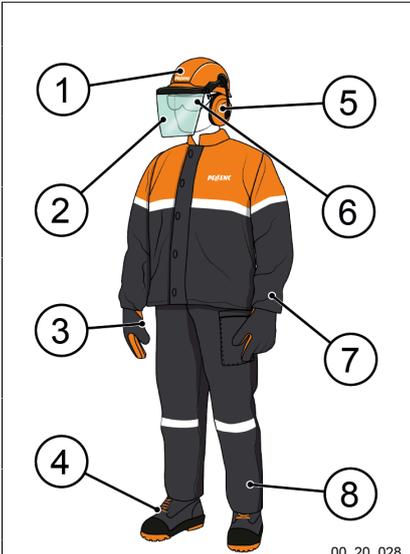


Protection rating IP54 (Allover protection against dust and water spray).

**Note**

The IP54 protection concerns only the tool, not the battery.

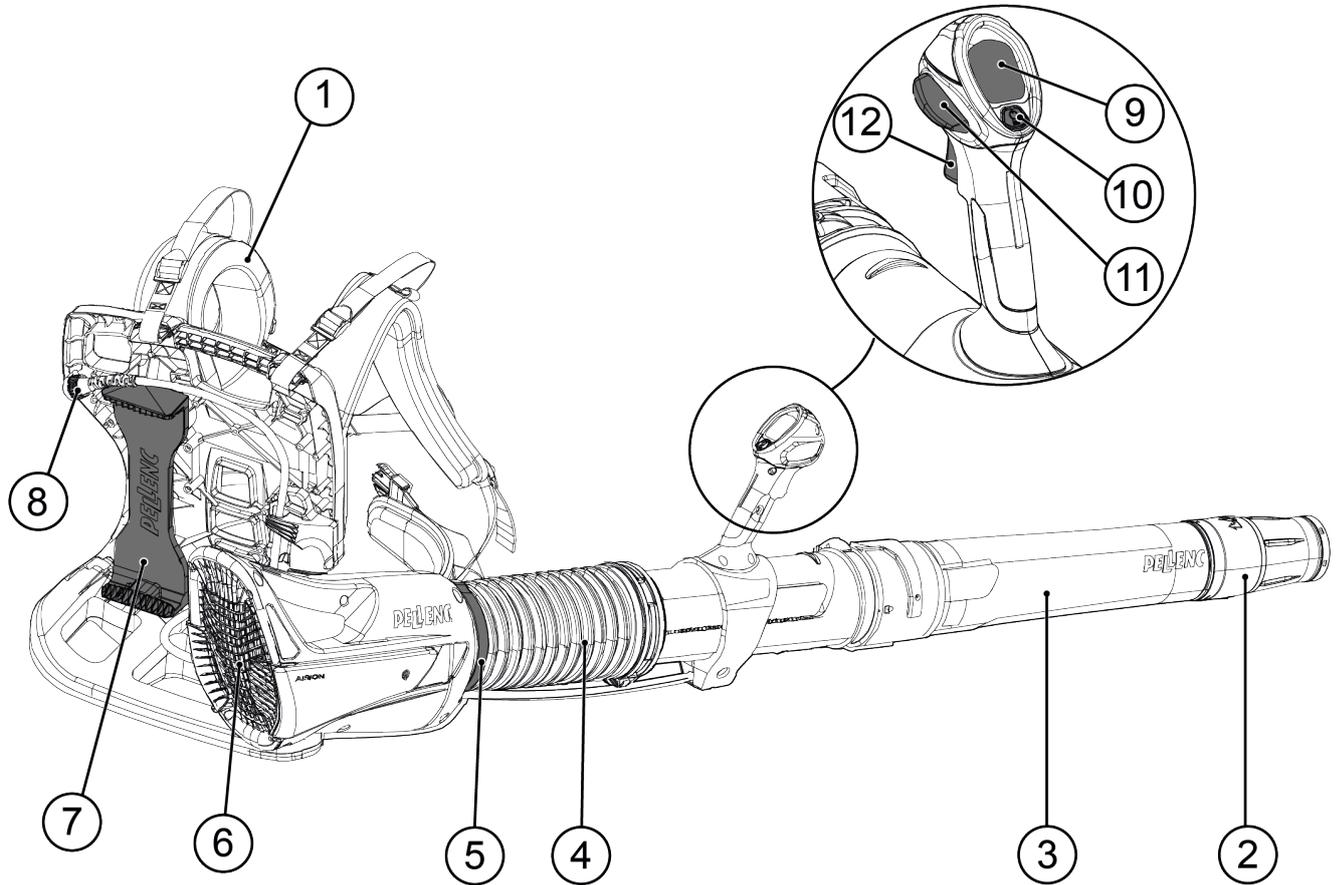
**2.5. PERSONAL PROTECTION EQUIPMENT**

	Equipment	Wearing of	
	1	Safety helmet	Optional
	2	Protective visor	Optional
	3	Protective gloves	Recommended
	4	Safety footwear	Optional
	5	Ear protection	Recommended
	6	Safety goggles	Mandatory
	7	Jacket or over-sleeves	Recommended
	8	Work trousers	Recommended

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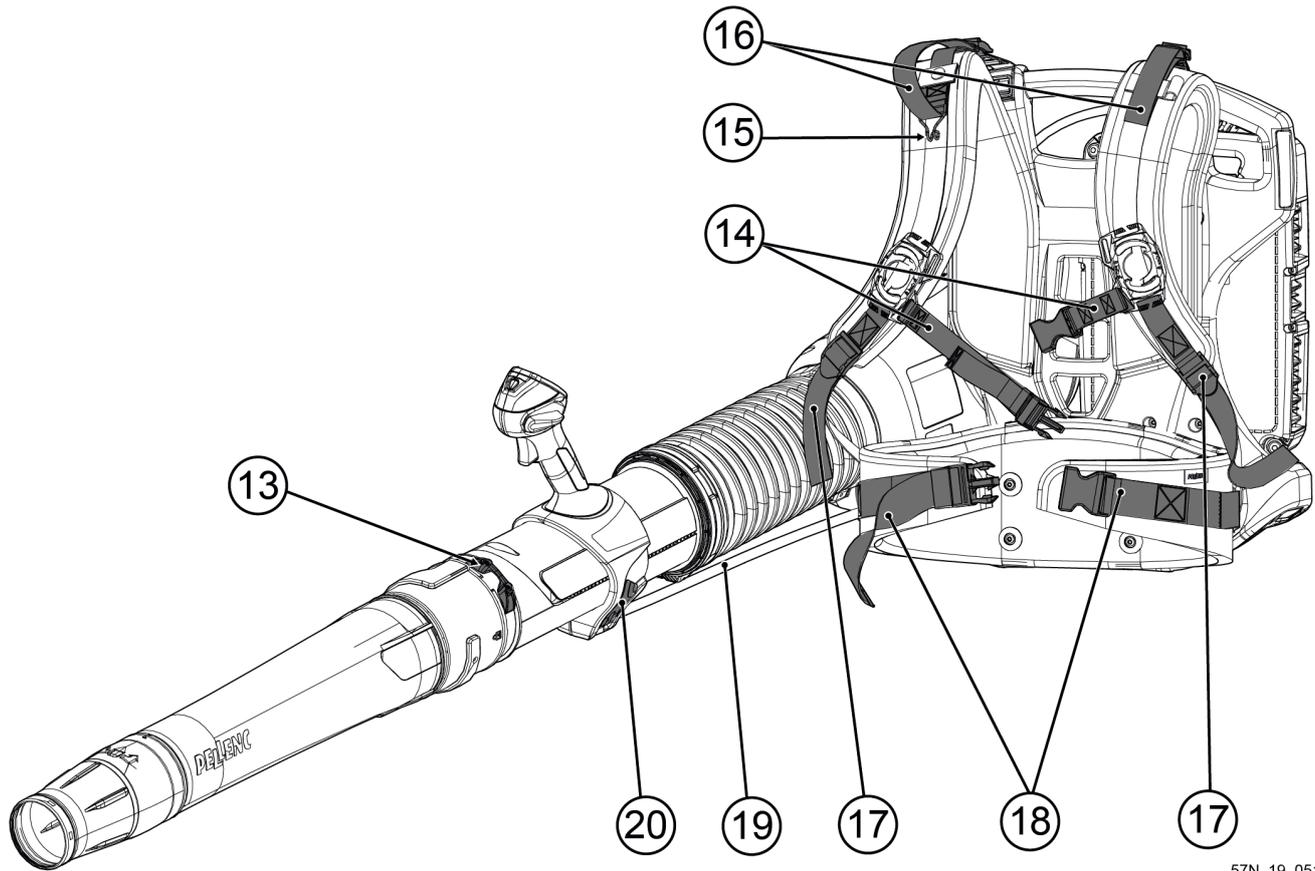
**3. DESCRIPTION AND TECHNICAL CHARACTERISTICS**

**3.1. DESCRIPTION OF THE TOOL**



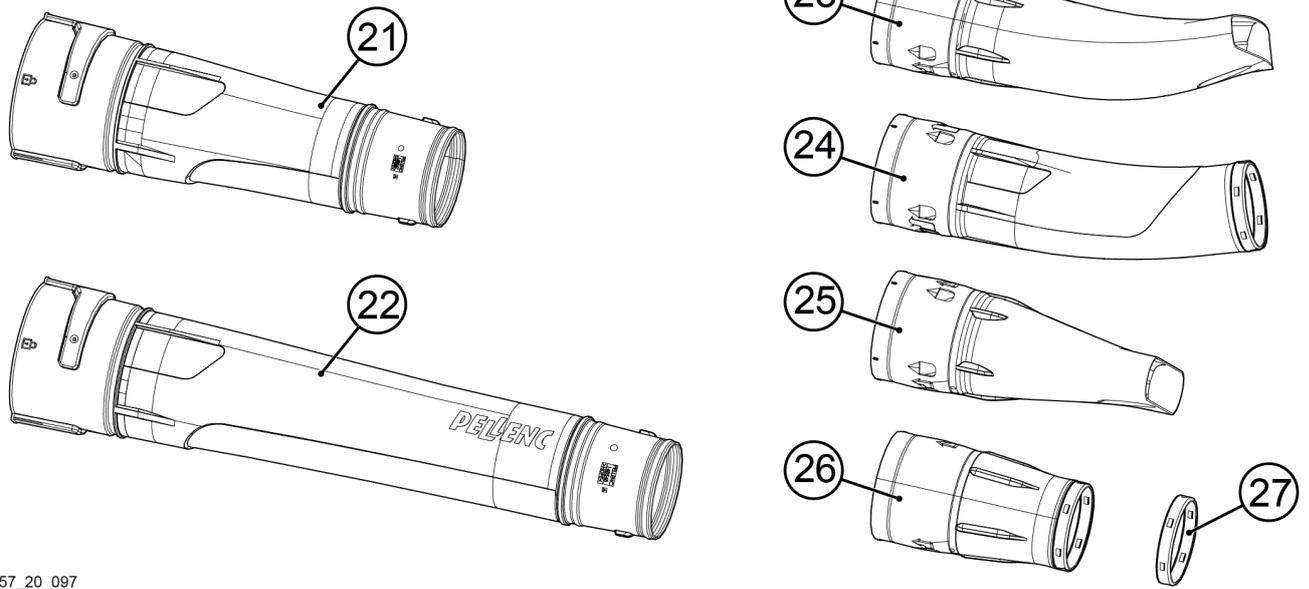
- |  |                       |
|--|-----------------------|
| 1. Harness                             | 7. Battery support    |
| 2. Nozzle tip                          | 8. Tool connector     |
| 3. Auxiliary nozzle                    | 9. HMI screen         |
| 4. Transmission cable                  | 10. POWER/MENU button |
| 5. Transmission cable tightening clamp | 11. Selector          |
| 6. Air intake screen                   | 12. Trigger           |

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- |                               |                               |
|-------------------------------|-------------------------------|
| 13. Holder loop               | 17. Adjustable shoulder strap |
| 14. Chest strap               | 18. Belt                      |
| 15. Tool holder hook          | 19. HMI power cable           |
| 16. Battery charge indicators | 20. Lever                     |



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**Choice of tube lengths**

- 21. Short auxiliary nozzle (user height under 1m70)
- 22. Long auxiliary nozzle (user height over 1m70)

**Choice of nozzle tips**

- 23. Angled flat nozzle tip (optional)
- 24. Angled round nozzle tip (optional)
- 25. Flat nozzle tip (optional)
- 26. Round nozzle tip
- 27. Anti-wear ring (to be fitted on a angled round nozzle tip or round nozzle tip)



**Caution**

Before any intervention on the tool, bring the machine to a complete stop. To consult the procedure for switching off your tool, refer to Section 5.1.2, "Stopping the tool".

**3.2. TECHNICAL FEATURES**

**3.2.1. TOOL FEATURES**

	AIRION BP
Effective thrust* - (N)	27
Max. power (W)	1750
Power supply voltage (V)	43.2
Tool weight in kg (without battery and nozzle tip)	6.8 kg
Maximum airflow rate without nozzle** (m <sup>3</sup> /h)	1455
Tool dimensions without nozzle tip and extended (L x W x H)	102 x 54 x 52 (cm)
Tool dimensions without nozzle tip and ready for storage (L x W x H)	55 x 54 x 59 (cm)

	AIRION BP
Vibration emission value as per EN 50636-2-100	$a_h = 0.168 \text{ m/s}^2$
Sound pressure level at the user's ear***.	$L_{pa} = 80 \text{ dB(A)}$

\* Values determined according to ANSI/OPEI B175.2-2012

\*\* Value determined with ULIB 1200-1500 battery.

\*\*\* Value determined according to the acoustic measurement standard EN 50636-2-100.

### 3.2.2. BATTERY COMPATIBILITY AND BATTERY LIFE IN MINUTES

The Backpack blower Airion BP is only compatible with new generation batteries.

Type of battery	V1*	V2*	V3*	V4*	Boost*	Maintenance schedule No. 1 **	Maintenance schedule No. 2 ***
ULIB 1500	4 h 30 min	2 hrs 25 mins	1 hr 55 mins	1 hr 30 mins	50 mins	3 hrs	1 hr 50 mins
ULIB 1200	3 hrs 40 mins	2 h	1 hr 35 mins	1 hr 10 mins	40 mins	2 hrs 25 mins	1 hr 30 mins
ULIB 750	2 hrs 15 mins	1 hr 10 mins	1 hr	45 mins	Occasional use	1 hr 30 mins	1 hr
ALPHA 520	1 hr 35 mins	50 mins	40 mins	30 min	Occasional use	1 hr	40 mins

\* Battery life increased in continuous work: trigger fully pressed New and fully charged battery.

\*\* Average battery life times measured at normal work rate, including displacement and power variation. Maintenance of a residential housing development of 200 homes for example.

\*\*\* Average battery life times measured in intensive work rate, including displacement and power variation. Leaf collection job in Autumn to clean roads or a municipal park for example.

### 3.2.3. WORK PERFORMANCE

Type of battery	Selected speed	Air flow thrust (N)	Air flow rate (m <sup>3</sup> /h)	Air flow speed (m / s)
ULIB 1200 and 1500	V4	18.7	1070	63
	Boost	27	1285	75
ULIB 750 and ALPHA 520	V4	18.7	1070	63
	Boost	24	1205	70

ULIB 750 and ALPHA 520 batteries are efficient for professional use, however this efficiency will be limited at the highest speeds in order to ensure greater work endurance.

ULIB 1200 and 1500 batteries deliver the full power of the tool.

The measurements were made with the round nozzle tip.

## 4. COMMISSIONING

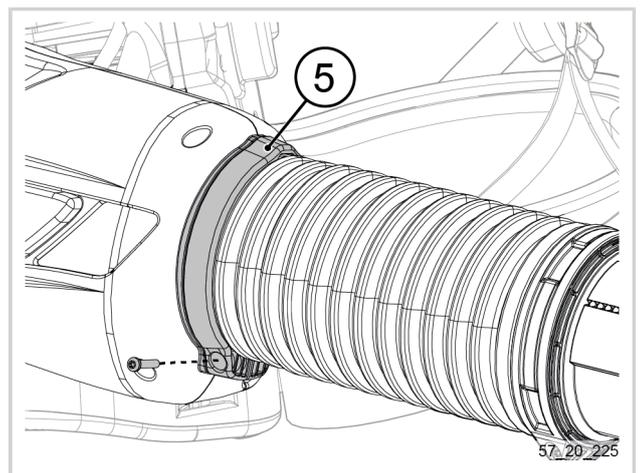
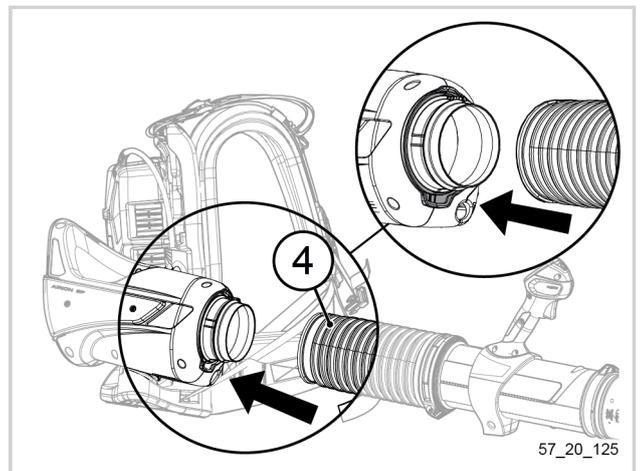
### 4.1. CONTENTS OF THE KIT

Check that the Backpack blower Airion BP is delivered with:

- 1 short auxiliary nozzle (21)
- 1 long auxiliary nozzle (22)
- 1 round nozzle tip (26)
- 1 tool bag containing a tightening clamp, a  $\varnothing 5 \times 25$  mm screw and 1 TORX 25 wrench
- 1 Operating instructions manual

### 4.2. FITTING THE AUXILIARY NOZZLE ONTO THE TOOL

1. Fit the auxiliary nozzle (4) up to the stop in the groove located under the casing of the tool, taking care to align the foolproof keys.
2. Install the tightening clamp (5) on the tube (4).
3. In order to lock the clamp (5), tighten the screw using the TORX wrench supplied with your tool.



### 4.3. FITTING / REMOVING AUXILIARY NOZZLE AND NOZZLE TIPS

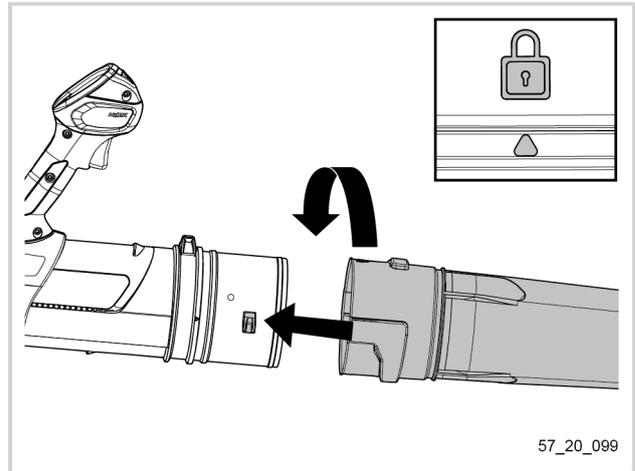
#### 4.3.1. FITTING / REMOVING AUXILIARY NOZZLES

Depending on the user's size and the use of the tool, choose the appropriate auxiliary nozzle to be mounted on the tool (short or long). Refer to Section 5.6, "Tips for use and working techniques".

**To fit an auxiliary nozzle:**

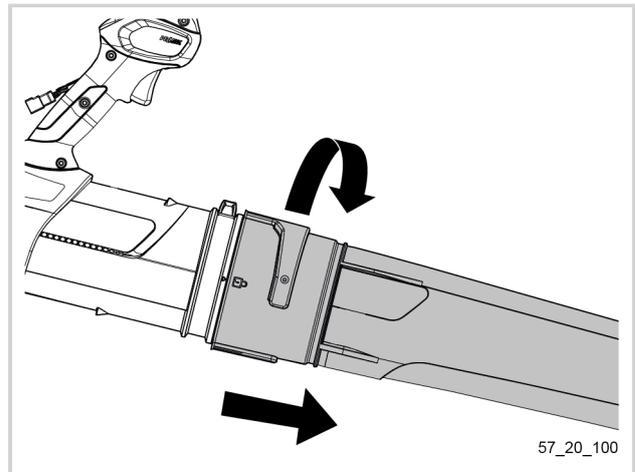
1. Slot in the auxiliary nozzle onto the tool up to the stud.
2. Make a quarter turn in the direction shown to lock in the auxiliary nozzle.

The auxiliary nozzle is locked when the "triangle" on the tool is aligned with the "padlock" on the auxiliary nozzle.



**To remove an auxiliary nozzle:**

1. Make a quarter turn in the direction shown to unlock the auxiliary nozzle.
2. Pull out the auxiliary nozzle from the tool.



**4.3.2. FITTING / REMOVING NOZZLE TIPS**

Depending on the intended use of the tool, choose a suitable nozzle tip to fit onto the (short or long) auxiliary nozzle. Refer to Section 5.6.1, "Choice of nozzle tip type according to use".

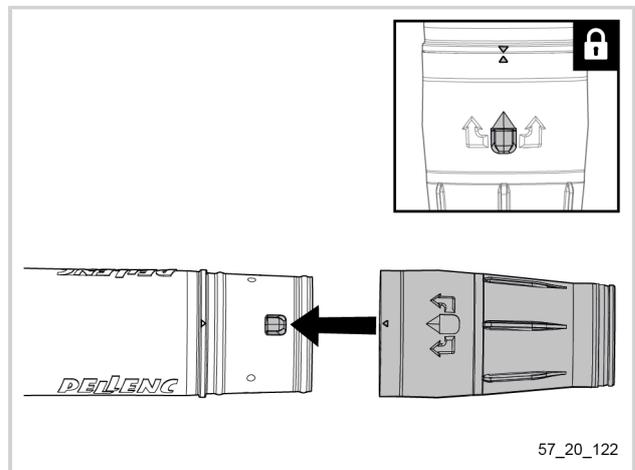
Whatever nozzle tip you choose, the procedure is identical.

**To fit a nozzle tip onto an auxiliary nozzle:**

1. Fit the nozzle tip onto the auxiliary nozzle on the attachment fitting provided.

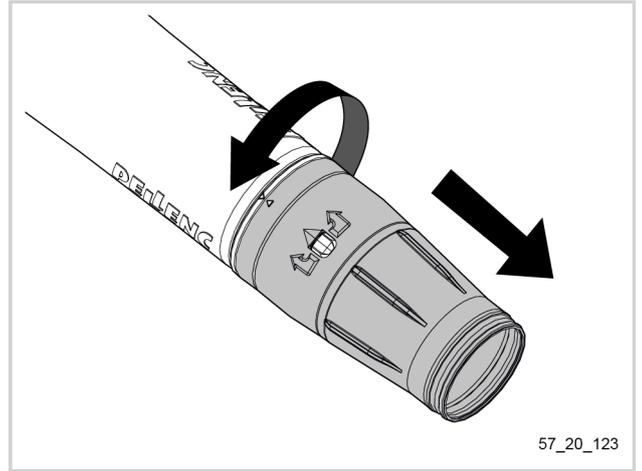
The marks on the auxiliary nozzle and on the nozzle tip must be aligned.

The nozzle tip is now locked on.



**To remove a nozzle tip:**

1. Rotate the nozzle tip to remove it from its attachment fitting.
2. Pull off the nozzle tip.



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**4.4. FITTING THE BATTERY**

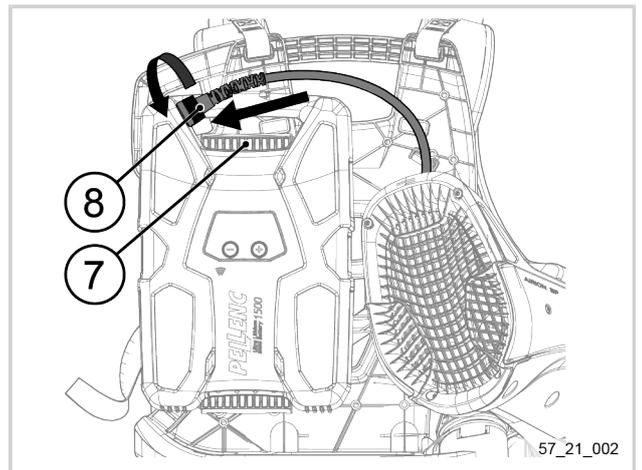
**Note**

Before fitting the battery on the Airion BP, ensure that the battery is properly charged. Refer to the instructions manual provided with the battery.

**4.4.1. FITTING THE PELLENC 750/1200/1500 BATTERY ON THE TOOL**

The Backpack blower Airion BP is delivered with a battery support (7) mounted on the harness which can accommodate a PELLENC 750/1200/1500 battery.

1. Install the battery in the battery support (7), refer to the operating instructions manual of the battery concerned.
2. Present the tool connector (8) on the battery, taking care to align the foolproof keys.
3. Lock the connector by screwing the safety ring.



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**4.4.2. FITTING THE ALPHA 520 BATTERY ON THE AIRION BP (OPTION)**

**- 4.4.2.1. CHANGING THE BATTERY SUPPORT ON THE TOOL**

Refer to the assembly instructions supplied with the Alpha battery support kit.

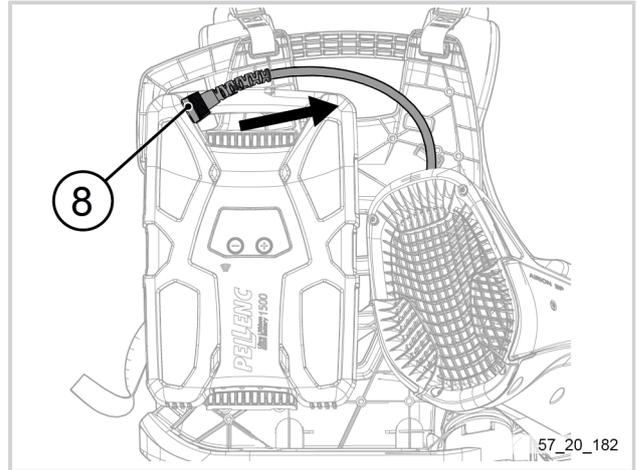
- 4.4.2.2. FITTING THE ALPHA 520 BATTERY ON THE TOOL

Fit the battery on the tool, refer to the battery operating instructions manual.

**4.5. DISCONNECTING THE BATTERY**

**4.5.1. DISCONNECTING THE PELENC 750 / 1200 / 1500 BATTERY**

1. Switch off the tool (refer to Section 5.1.2, "Stopping the tool") or switch off the battery.
2. Unscrew the safety ring located on the tool connector (8).
3. Remove the connector (8) from the battery.
4. Remove the battery, refer to the operating instructions manual of the battery concerned.



**4.5.2. DISCONNECTING THE ALPHA 520 BATTERY**

1. Switch off the tool (refer to Section 5.1.2, "Stopping the tool") or switch off the battery.
2. Remove the battery, refer to the operating instructions manual of the battery.

**4.6. ADJUSTING THE HARNESS**

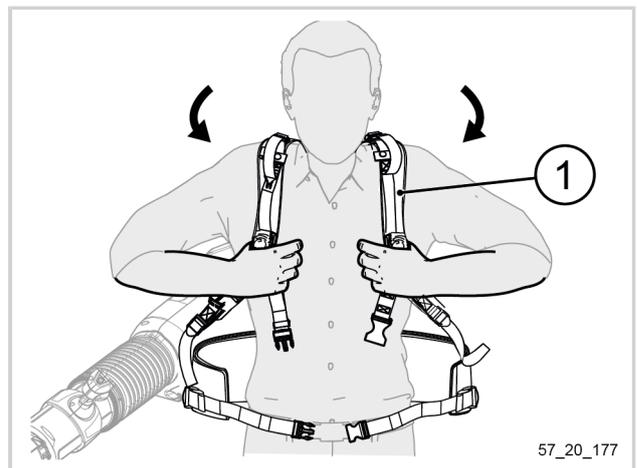
**Caution**



The adjustment of the harness ensures the working comfort of the user of the Airion BP. It must be adjusted before each use of the tool.

All of the harness adjustment steps below allow the user to find their own point of comfort. This is why the harness adjustment is personal and specific to each user of the tool.

1. Put the harness (1) on your back.  
  
The adjustment straps must be loose so as not to inhibit the user in his adjustment.
2. Lightly jump the harness on your shoulders to put it in place.
3. Move the nozzle to the right to gain freedom of movement.

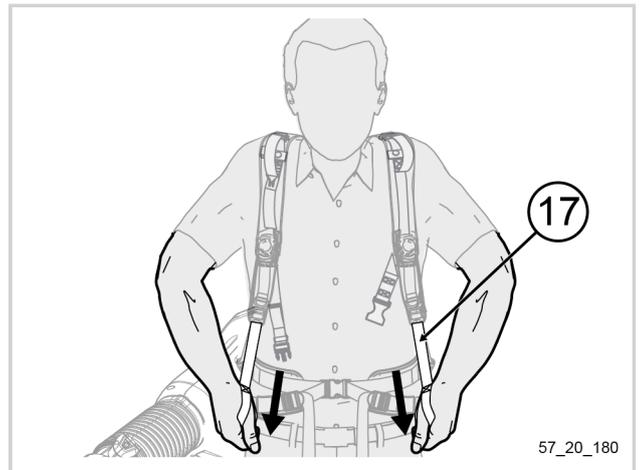


4. Close the belt of the harness over the hips.
5. Pull on the strap (18) to adjust the position of the belt.

The belt should be positioned above the buttocks and the user should feel well supported.



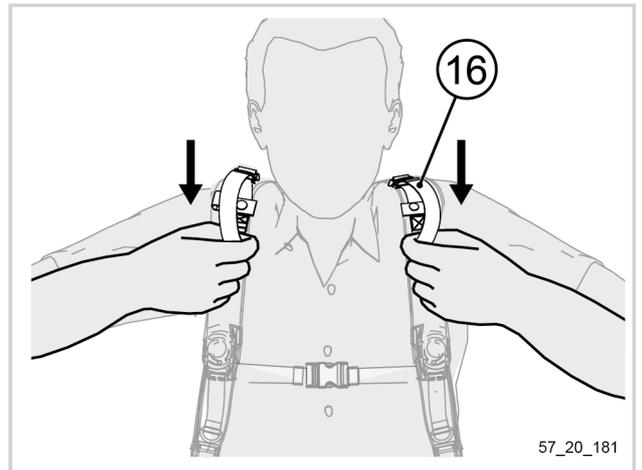
6. Adjust the shoulder straps (17) to distribute the weight of the tool between the shoulders and hips.



7. Tighten the load return straps (16) located above the shoulders.

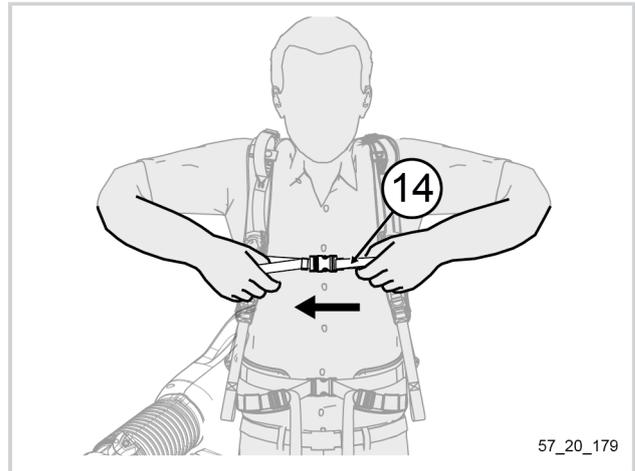
They serve to optimize carrying comfort, by positioning the harness as close as possible to the shoulders.

It is not useful to systematically tighten these straps as much as possible: the user would risk putting all the weight of the tool on his shoulders.



## 8. Adjust the chest strap (14).

This strap stabilizes the weight of the tool over the user's entire back.



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## 4.7. ADJUSTING THE HANDLE

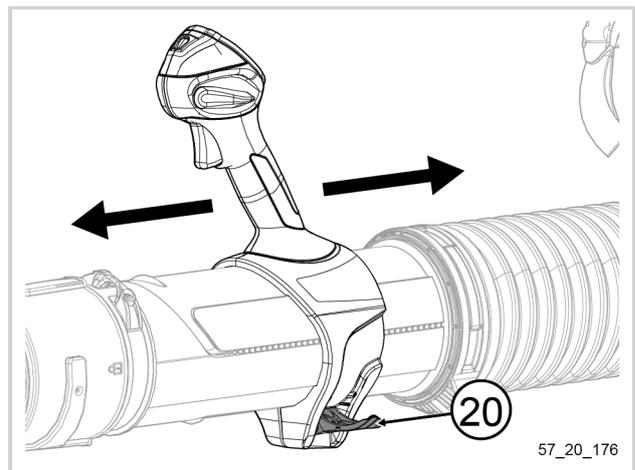
**Caution**

For complete comfort and to prevent the risk of pain in the upper body and limbs (neck, shoulders, arm and forearm), the elbow should form a right angle while working.

In order to improve working comfort, the tool has an adjustable handle which adapts to the user's body shape.

To adjust the handle, the tool must be folded back on contact.

1. Open the lever (20) on the tool.
2. Adjust the position of the handle according to the length of the user's right arm.
3. When the position of the handle is correctly adjusted, push the lever (20) until it "clicks" to lock the position.
4. Make sure your elbow held at a right angle. Re-adjust if necessary.



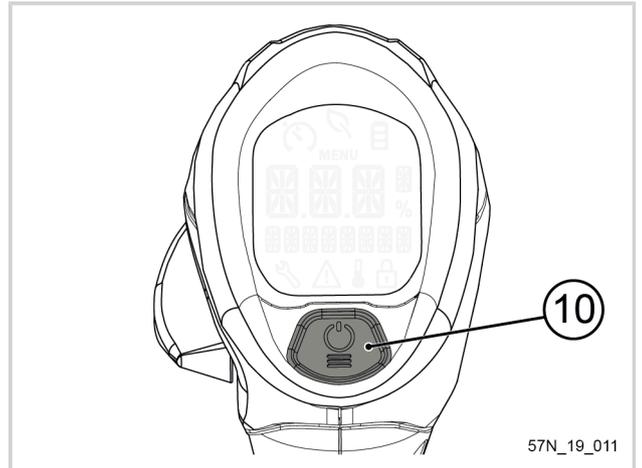
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## 5. USING THE TOOL

### 5.1. POWERING THE TOOL ON AND OFF

#### 5.1.1. POWER ON

1. Keep the POWER / MENU button (10) pressed for 3 seconds.
2. Release the POWER/MENU button (10) to turn on the tool.



3. Make sure the tool turns on. The screen lights up in blue.

#### **Note**

To power on your Airion BP, it is not necessary to turn on your battery beforehand. In fact, the battery is switched on from the tool handle.



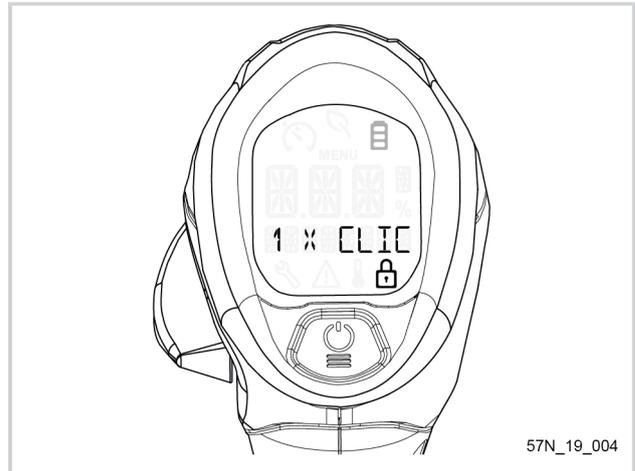
4. Make sure the screen displays the name of the battery.

If the screen displays "BATTERY NOT RECOGNIZED", refer to Section 7, "Incidents and troubleshooting".



**Note**

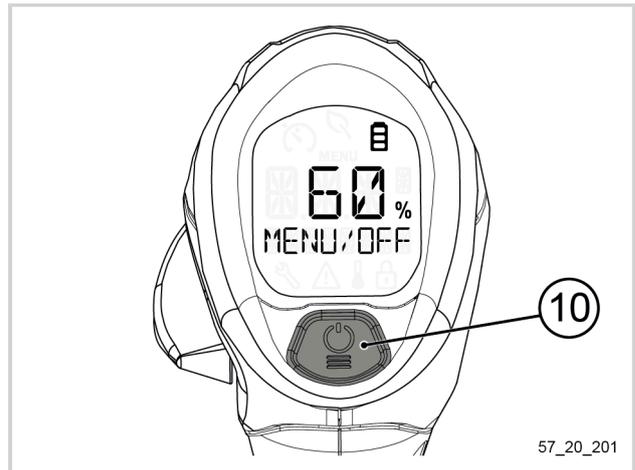
After powering on, your tool is locked by default. It displays "1 X CLICK TO UNLOCK ". To use it, it is necessary to unlock it (refer to Section 5.2, "Unlocking of the tool").



**5.1.2. STOPPING THE TOOL**

1. From the main screen, hold on the POWER/MENU button (10) (until "OFF" appears continuously).

The tool switch-off sequence starts.

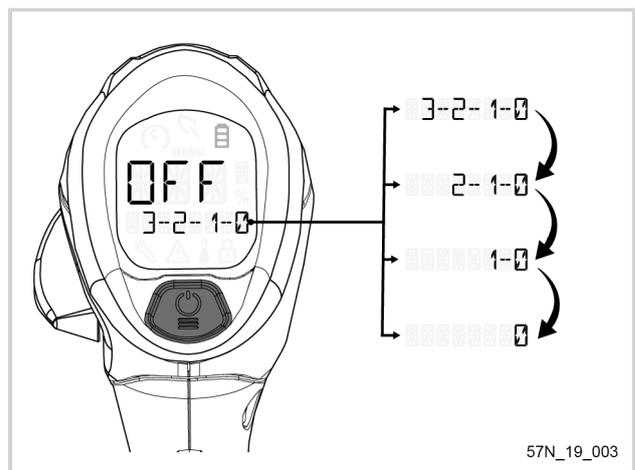


The screen displays "OFF" and there is a countdown, until the tool comes to a complete stop

**Note**

If you take your finger off the POWER / MENU button (10) before the required time, the switch-off sequence is interrupted.

The tool cannot be turned off from the menu.



**5.2. UNLOCKING OF THE TOOL**

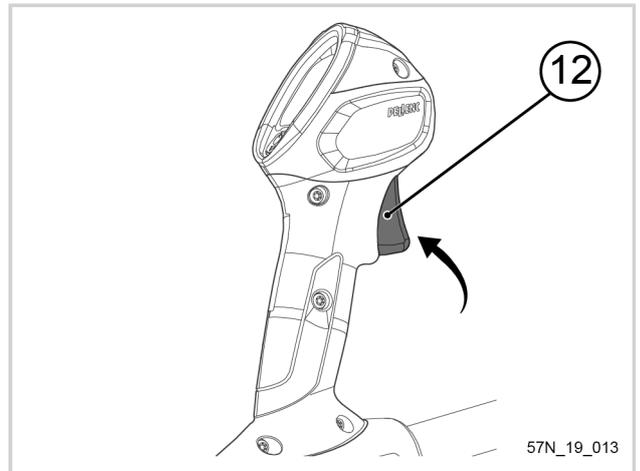
**To unlock the tool,**

1. press the trigger (12)

**Note**

The tool automatically locks itself after 60 seconds of inactivity.

The battery goes to standby after 10 minutes of inactivity.



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**5.3. PRESENTATION OF THE HMI (HUMAN MACHINE INTERFACE) DISPLAY SCREEN**

		Speed regulator
		Energy saving mode
		Battery charge indicator
		Schedule tool maintenance
		Fault
		Caution
		Fault
		High temperature indicator
		Tool locked
		Battery value
		Value unit
		Menu
		Speed engaged
		Power bar graph

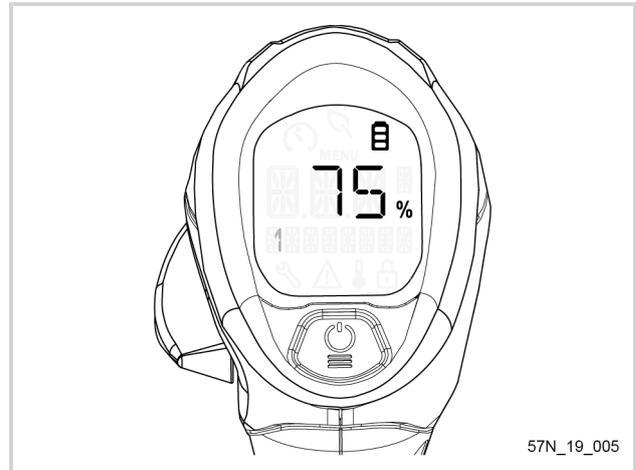
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**5.3.1. BATTERY LIFE**

The battery life is displayed on the HMI screen of the tool after 3 minutes of use, each time the battery is restarted.

**Battery life display in %:**

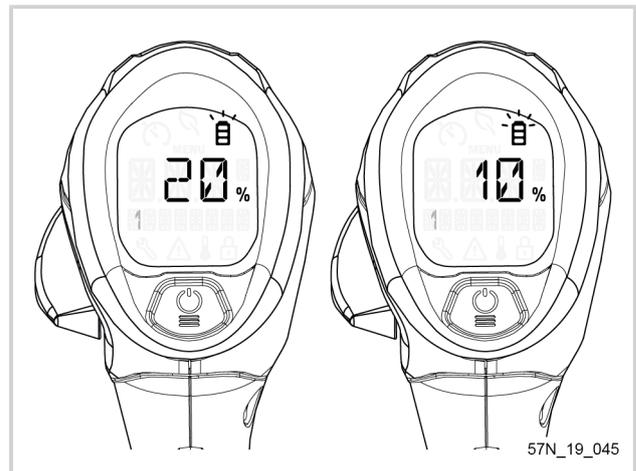
When the tool is on and unlocked, the main screen displays battery life as a percentage by default.



**Note**

When the battery life drops below 20%, the battery pictogram flashes slowly.

When the battery life drops below 10%, the battery pictogram flashes rapidly.



**Display of the remaining battery life in hours / minutes:**

When the trigger is pulled (while working), the display shows the battery life in hours/minutes.

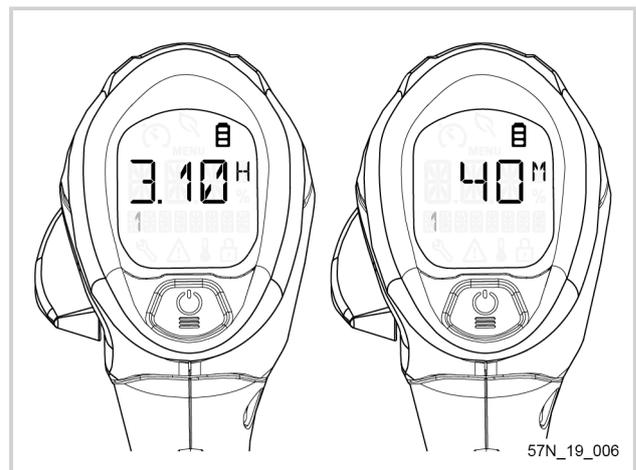
After releasing the trigger, the display shows the battery life in percent.

**Note**

The hours remaining (H) display is in 10 minute increments.

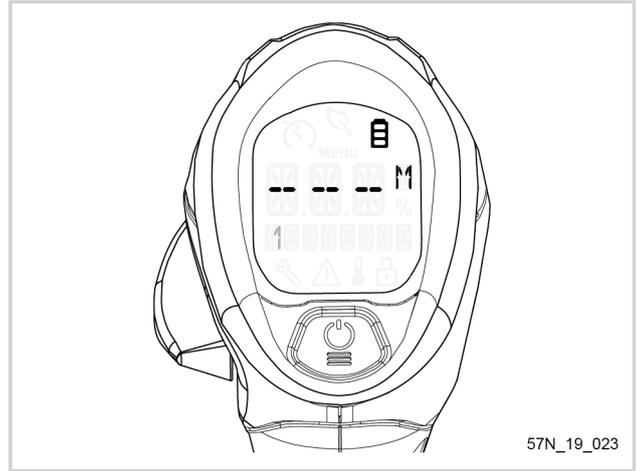
The battery life in hours/minutes is displayed on the HMI screen of the tool after 3 minutes of use, each time the battery is restarted.

Below one hour, the display is in minutes remaining (M), in increments of one minute.



**Note**

When less than 10 minutes of battery life remain, the screen indicates "- - -".



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**5.3.2. "ENERGY SAVING" PICTOGRAM**

In use, when the average consumption is less than or equal to 500W, a pictogram of a leaf symbol is automatically displayed. It means that the tool is working in energy saving mode.



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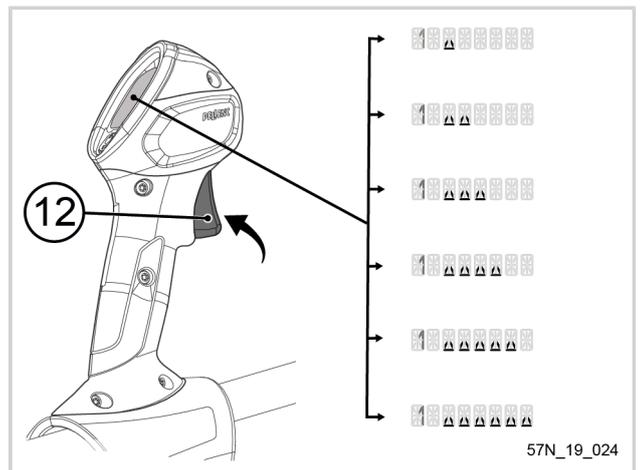
**5.4. TOOL POWER ADJUSTMENTS**

**5.4.1. ACCELERATION**

1. To increase tool power and air flow rate, squeeze the trigger (12).

**Note**

The tool adapts its acceleration according to the position of the trigger (12): the further the trigger is pressed, the greater its speed.



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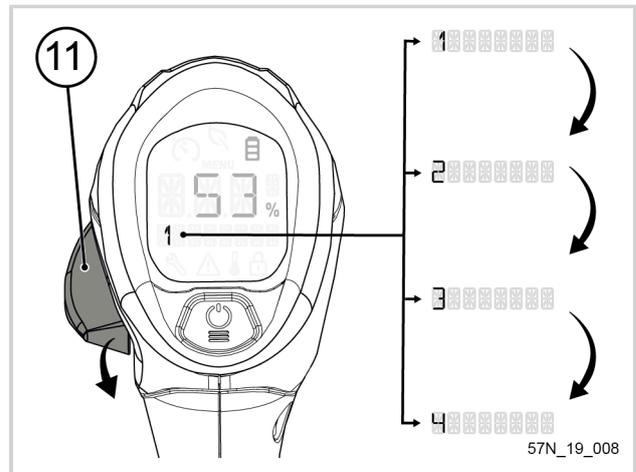
**5.4.2. CHANGING SPEEDS**

The tool has 4 working speeds.

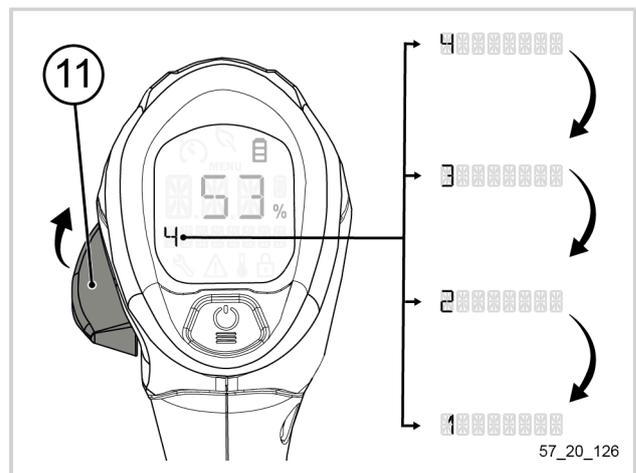
1. To change speed and gain power, push the selector (11) down.

**Note**

The speed selector works as a loop: 1-2-3-4-1-2-3-4 etc.



To decrease a speed, push the selector (11) upwards.

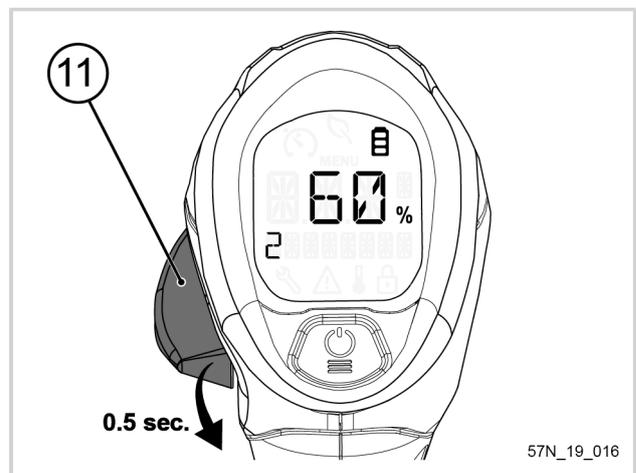


**5.4.3. “BOOST” MODE**

The "Boost" mode allows you to instantly obtain the maximum power from the tool.

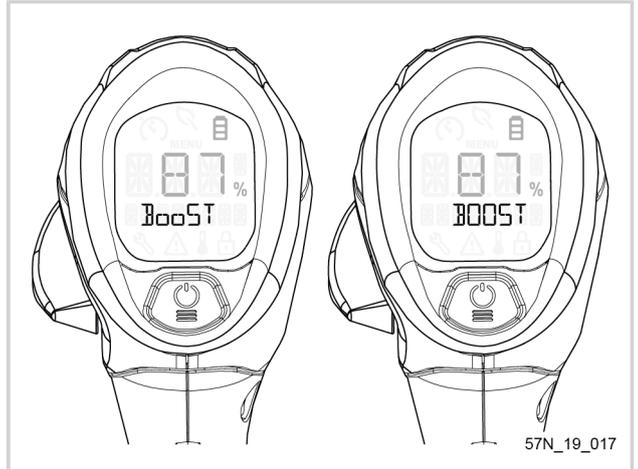
**“Boost” activation**

1. Push the selector (11) down for 0.5 second.



2. Make sure the screen flashes and displays the "Boost" function.

The speed and the air flow rate are then at their maximum for a period of 30 seconds.



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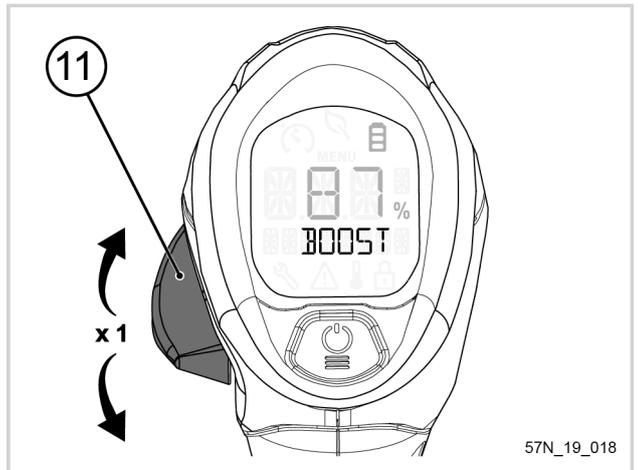
### Deactivating "Boost" mode

1. Push the selector (11) either up or down.

The "Boost" mode is deactivated and the tool returns to the last speed used.

#### Note

With the speed and the air flow rate at maximum, in "Boost" mode, the tool consumes more energy. Only use the "Boost" mode temporarily and only in case of need (stuck debris, etc.)



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### 5.4.4. "CRUISE-CONTROL" MODE

For the comfort of the user, the tool has "Cruise-Control" mode.

This cruise control speed regulator allows the user to work without having to hold down the trigger.

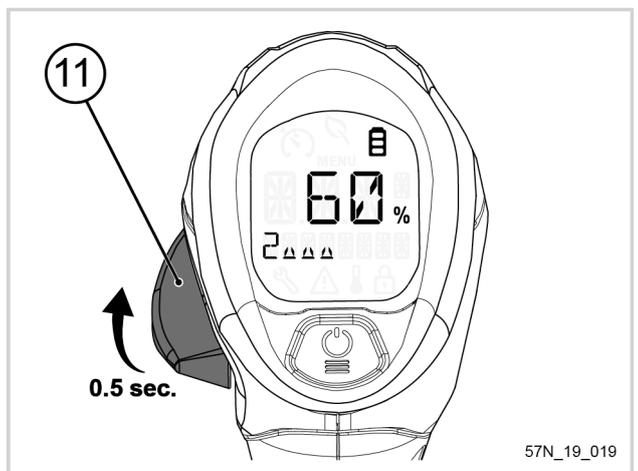
#### Activation of "Cruise-Control"

1. Push the selector (11) upwards for 0.5 second.

#### Note

The "Cruise-Control" function can be set:

- Trigger released: the tool then starts at the lowest motor speed.
- Trigger partially or fully squeezed: speed is locked.



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**Modification of the tool speed**

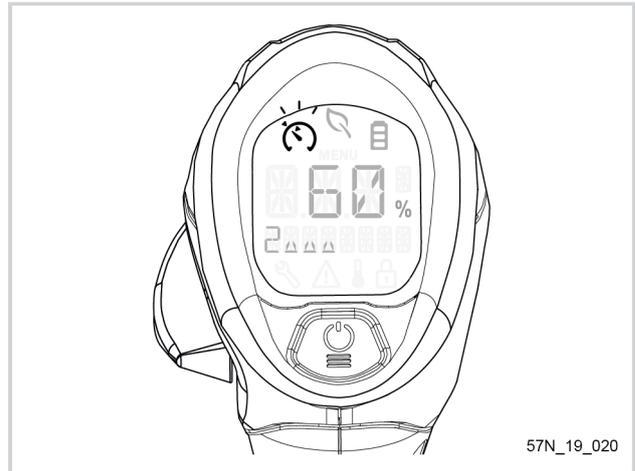
1. Press the trigger until the desired power is obtained.

The pictogram flashes. As long as the pictogram is flashing, the tool is waiting for an setpoint.

2. Once the desired power is obtained, maintain the position of the trigger.

As soon as the setpoint is stable and saved, the "Cruise-Control" pictogram no longer flashes.

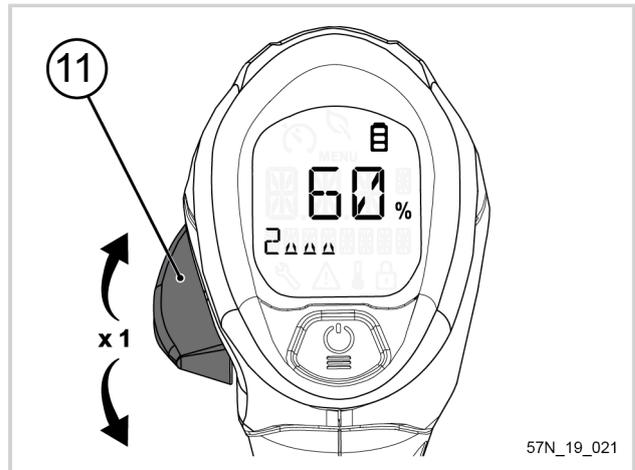
3. Release the trigger.



**Deactivation of "Cruise-Control"**

1. Push the selector up or down either way.

The "Cruise-Control" mode is deactivated and the tool returns to the last recorded speed.



**5.5. SETTINGS VIA THE HMI MENU**

**5.5.1. NAVIGATE IN THE MENU**

**Accessing the menu:**

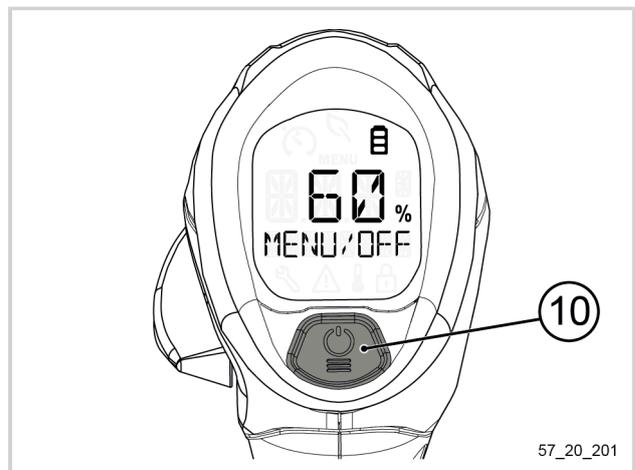
1. To access the menu, press the POWER / MENU button (10) for 1 second (until "MENU" is fixed).

**Note**

If you take your finger off the POWER / MENU button (10) before the required time, the sequence is interrupted.

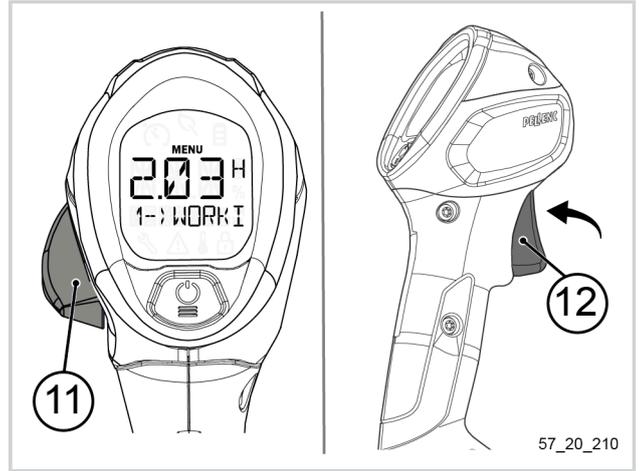
**Navigate in the menu:**

1. To navigate between the different menu items, press the POWER / MENU button (10) as many times as necessary.



**Exit the menu:**

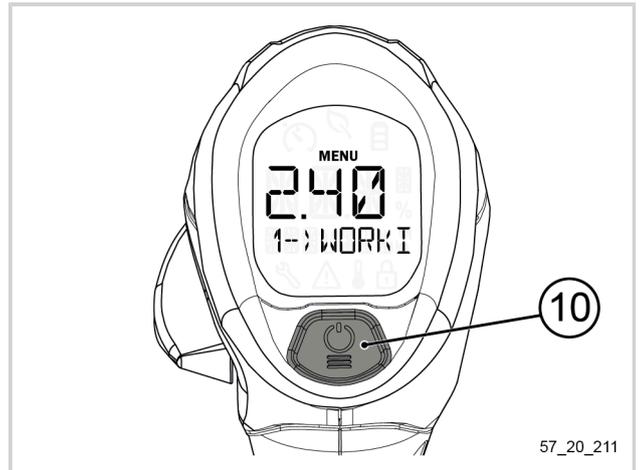
1. Pressing the selector (11) or the trigger (12) exits the menu.



**5.5.2. CHOICE OF MENU AND MACHINE SETTINGS**

**- 5.5.2.1. WORKING TIME (HOURS) DISPLAY**

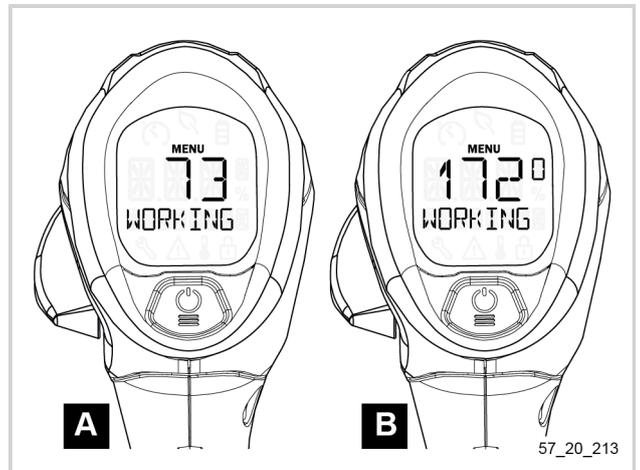
From the menu, the first parameter to be displayed on the screen is menu "1--WORKING TIME-HRS".



1. Hold down the POWER / MENU button (10) for 1 second to display the value.

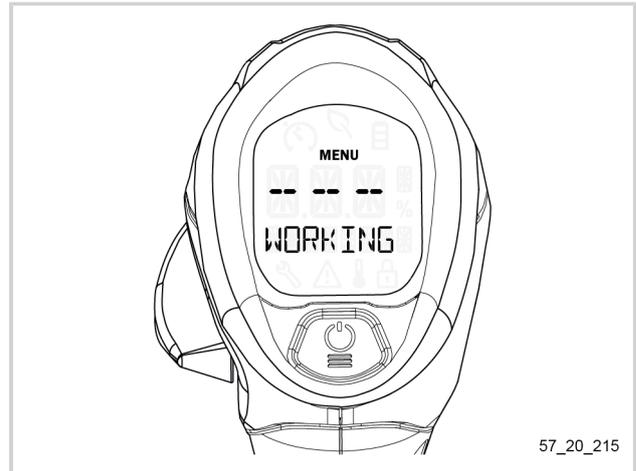
**Note**

From 10 hours, the display is in increments of one hour. In this example, illustration A indicates a working time of 73 hours and illustration B indicates a working time of 1720 hours.



**Note**

Below 10 minutes worked, the display shows "-- --".



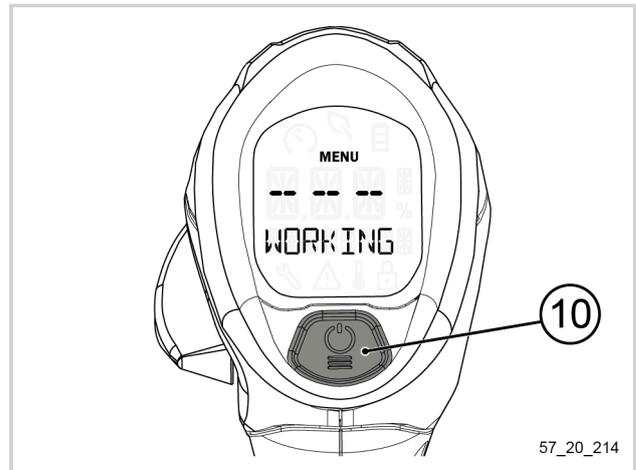
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**Resetting working time**

1. Hold down the POWER / MENU button (10) for 1 second to reset the value to 0.
2. Pressing the selector or the trigger exits the menu.

**Note**

Resetting the working time also resets the average power and the consumed energy.



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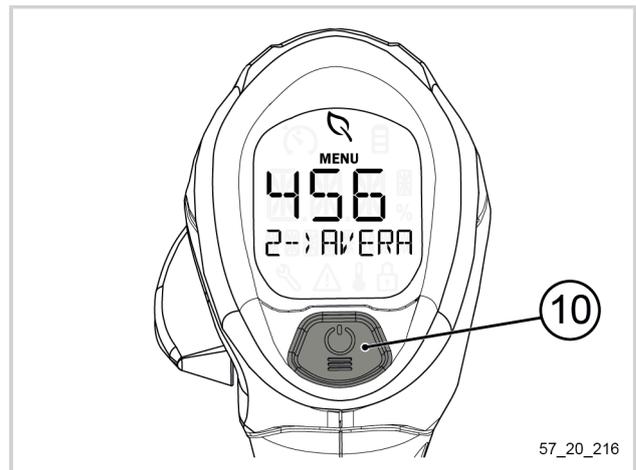
**- 5.5.2.2. DISPLAY OF THE AVERAGE POWER USAGE**

1. Click on the POWER / MENU button (10) to access the menu "2--AVERAGE POWER-W".

The display shows a value in watts (W).

**Note**

If the average power used is below 500W, the display shows the "Energy saving" pictogram (refer to Section 5.3.2, "Energy saving" pictogram").



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**Note**

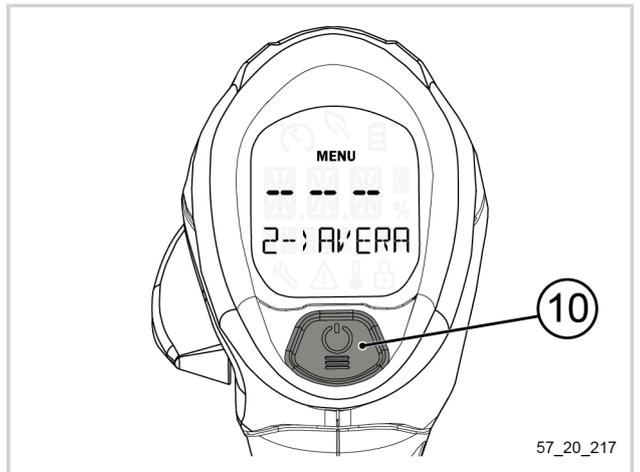
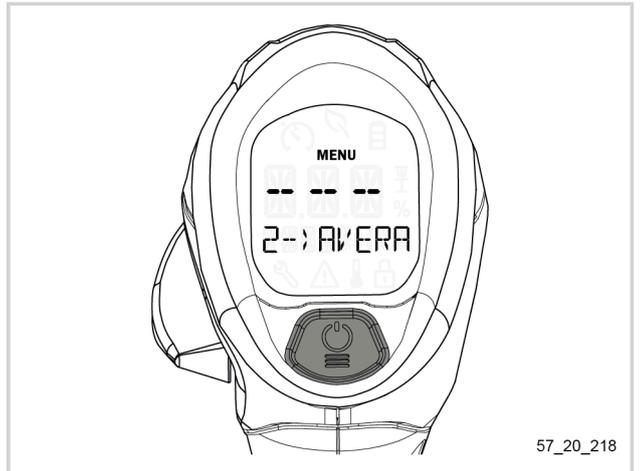
If the data is insufficient to calculate an average power, the display will show "---".

**Reset average power**

1. Hold down the POWER / MENU button (10) for 1 second to reset the value to 0.
2. Pressing the selector or the trigger exits the menu.

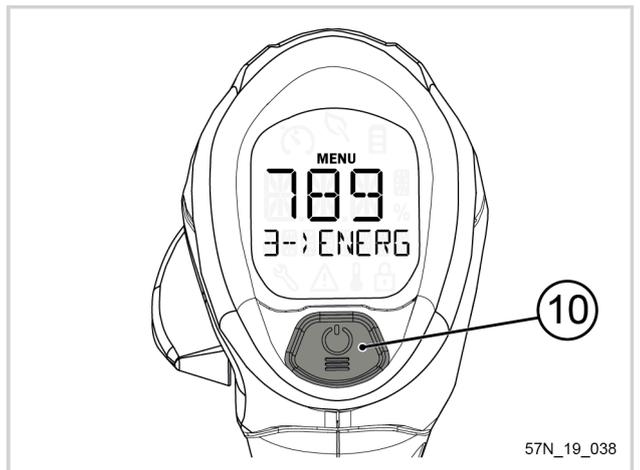
**Note**

Resetting the average power also resets the consumed energy and working time.



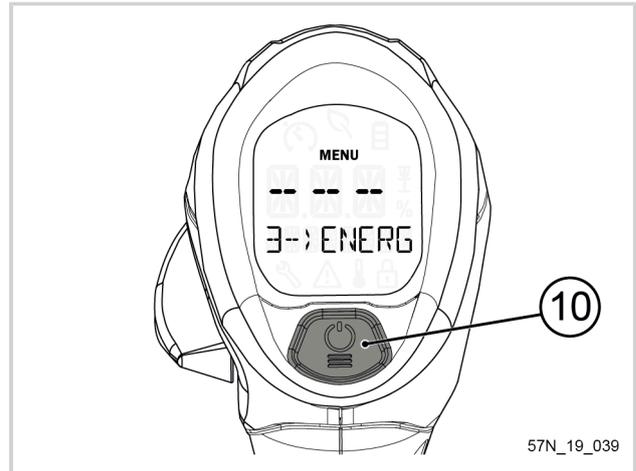
**- 5.5.2.3. ENERGY CONSUMPTION DISPLAY**

1. Click several times on the POWER / MENU button (10) to access the "3--ENERGY - KWH" menu.
2. The display shows a value in kilowatt-hours (KWH).



**Note**

If the data is insufficient to calculate an average consumption, the display will show "- - -".

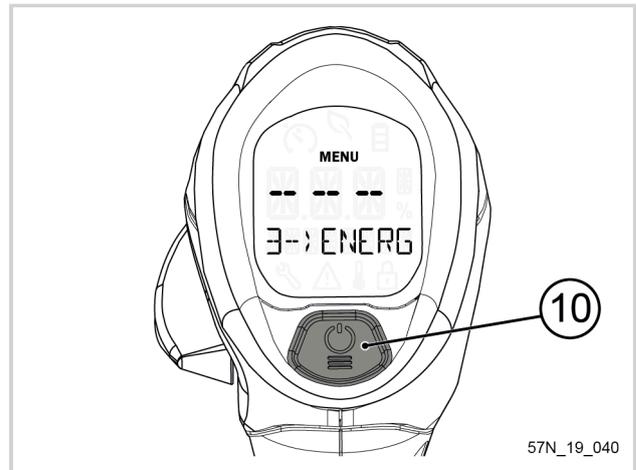


**Reset of consumed energy**

1. Hold down the POWER / MENU button (10) for 1 second to reset the value to 0.
2. Pressing the selector or the trigger exits the menu.

**Note**

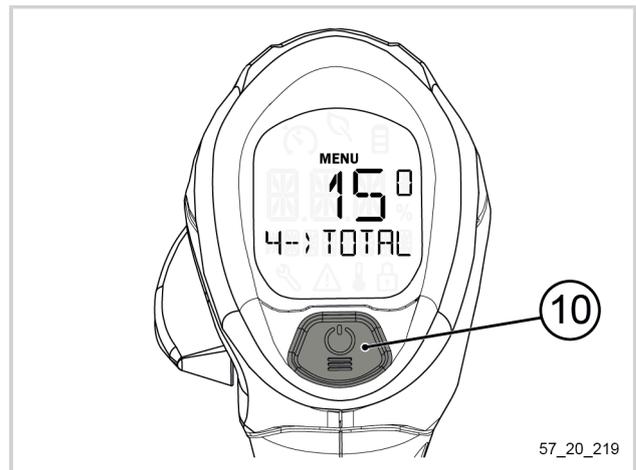
Resetting the consumed energy also resets the average power and working time.



**- 5.5.2.4. DISPLAY OF TOTAL TOOL USAGE TIME**

1. Click several times on the POWER / MENU button (10) to access the "4--MACHINE HOURS-HRS" menu.

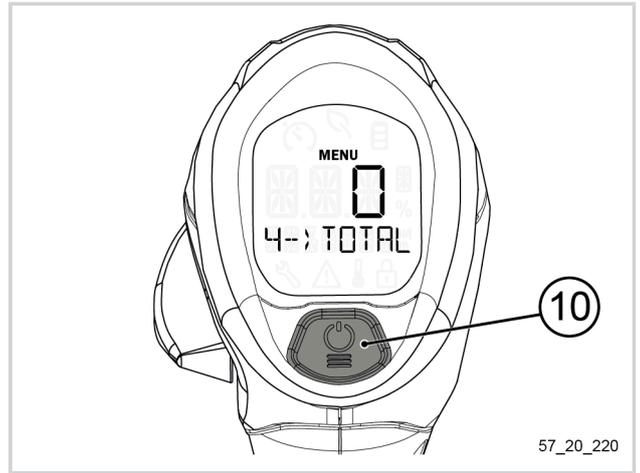
The display shows a value in hours (H).



**Note**

If the data is insufficient when starting the tool for the first time, the display will show "- - -".

This value cannot be reset.

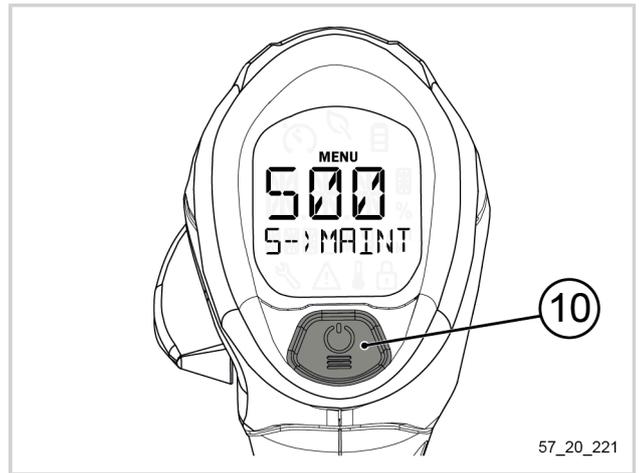


**- 5.5.2.5. DISPLAY OF THE TIME REMAINING BEFORE THE MAINTENANCE SERVICE**

1. Click several times on the POWER / MENU button (10) so as to display the menu "5--MAINTENANCE-HRS".

When the tool is started for the first time, the screen displays "500".

The screen displays a value in 10 hour increments.

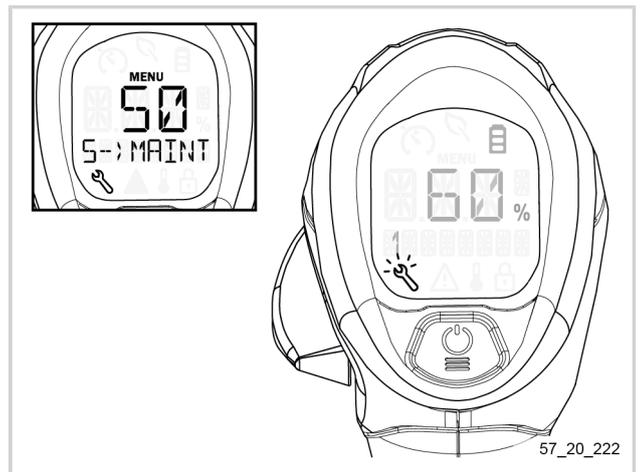


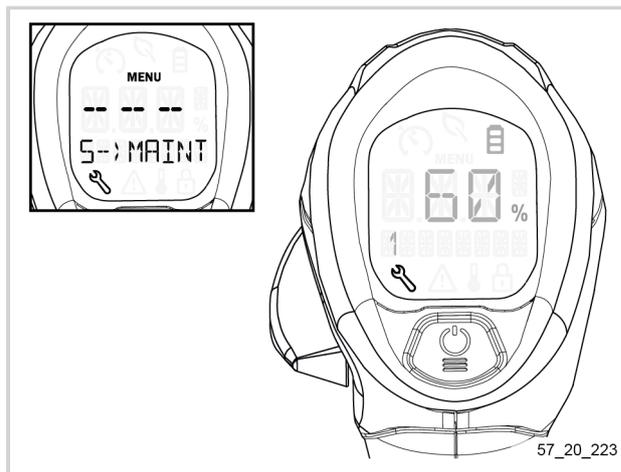
**Important**

When the "time before service" counter reaches 50 hours, when the tool is started up, the main screen displays a flashing pictogram symbolizing a wrench.

When the counter reaches "0", when starting the tool, the screen displays a fixed pictogram symbolizing the wrench.

In both cases, the tool must be serviced by an authorized PELLENC distributor.

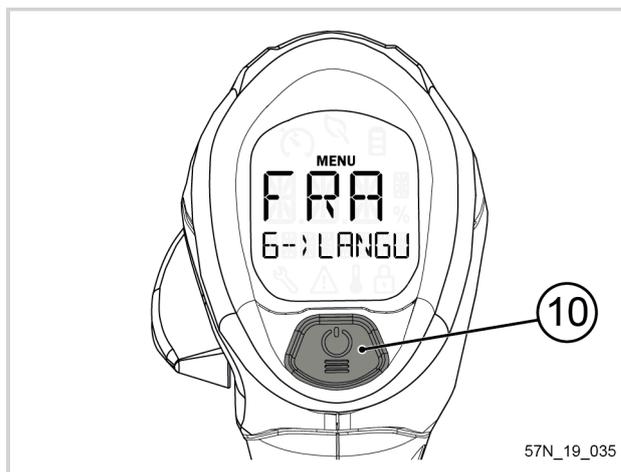




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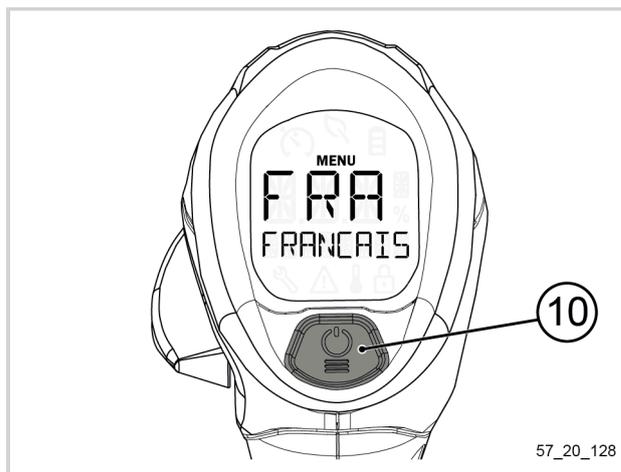
**- 5.5.2.6. LANGUAGE SELECTION**

1. Click several times on the POWER / MENU button (10) to access the "6--LANGUAGE" menu.



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2. Click on the POWER / MENU button (10) for 1 second to enter the tool's language menu.
3. Click several times on the POWER / MENU button (9) so as to scroll through the different languages available on the tool.



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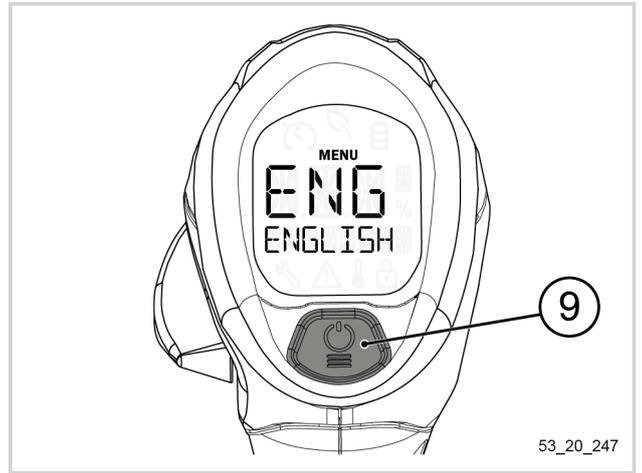
- Click on the POWER / MENU button (10) for 1 second to validate the tool language.

The selected language is displayed in the middle of the screen and the display returns to the main menu.

- Pressing the selector (11) or the trigger (12) allows you to completely exit the menu.

**Note**

The interface of your tool is available in French, English, Spanish, Italian and German.



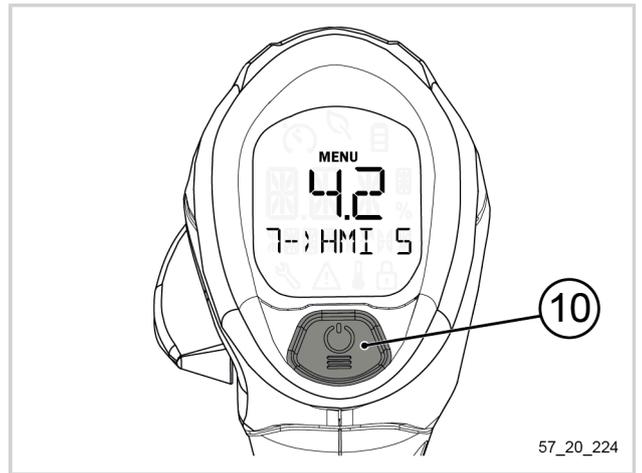
**- 5.5.2.7. DISPLAYING THE SOFTWARE VERSION OF THE HMI**

- Click several times on the POWER / MENU button (10) to access menu "7--HMI SOFT".

The screen displays the software version of the HMI.

**Note**

This value cannot be reset.



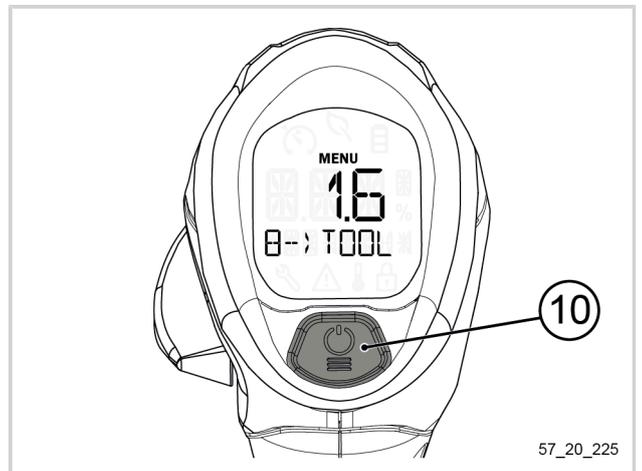
**- 5.5.2.8. DISPLAYING THE SOFTWARE VERSION OF THE MOTOR BOARD**

- Click several times on the POWER / MENU button (10) to access menu "8--TOOL SOFT".

The screen displays the software version of the motor board.

**Note**

This value cannot be reset.



**5.6. TIPS FOR USE AND WORKING TECHNIQUES**

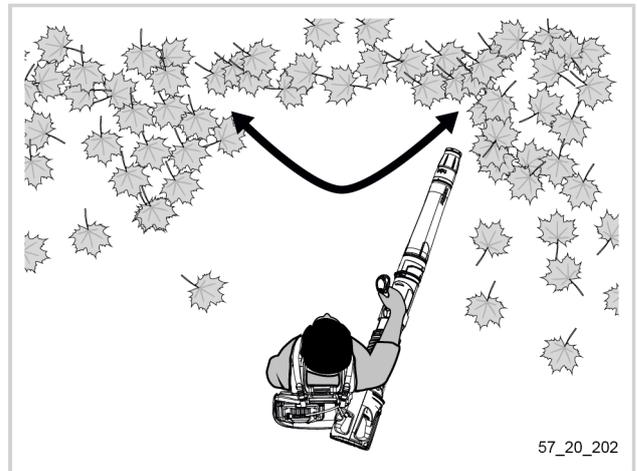
**5.6.1. CHOICE OF NOZZLE TIP TYPE ACCORDING TO USE**

Type of work	Type of nozzle tip
Large leaf pile	Round nozzle tip (flow)
Leaves / pine needles / waste to be removed from a thick- et, against a fence or under a car	<ul style="list-style-type: none"> <li>• Round angled nozzle or flat angled nozzle</li> <li>• Precision flat nozzle tip</li> </ul>

**5.6.2. OPERATOR WORKING MOVEMENT**

The operator walks forward.

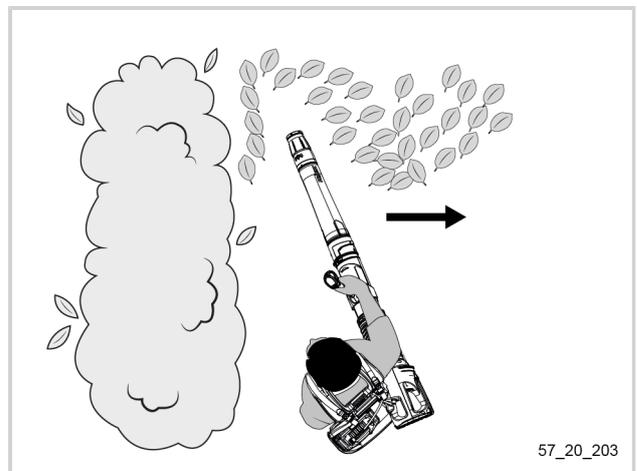
The arm should perform a "U" motion with the nozzle to collect the leaves.



**5.6.3. WORK WITH A SINGLE OPERATOR**

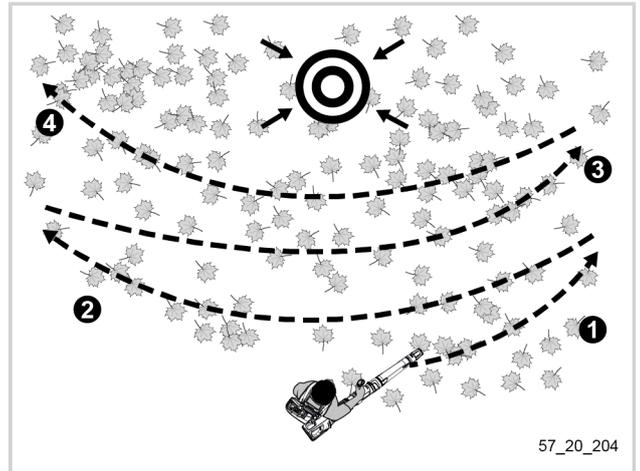
**Work around edges**

1. Clear the edges by blowing the leaves in the opposite direction.



### Work on larger surface areas

1. First, define the location where the leaves will be piled.
2. Work in an arc around this location, moving side-ways.



#### 5.6.4. USE OF THE AIRION BP AND BEST ECOLOGICAL PRACTICES

These days, the maintenance of green spaces must be through the implementation of environmentally friendly practices.

It is easy for the user of the tool to contribute to the preservation of biodiversity and the living environment in which he works by implementing a few simple and eco-responsible actions.

- Keeping leaves as mulch at the edges of the rows under the bushes helps to promote flora and fauna and protect fragile bulbs and plants.
- Limit the power of the tool on stabilized ground so as not to cause damage.
- Limit the power of the tool on planted soil so as not to destroy regrowth and respect the flora and fauna.
- In urban settings, regularly blowing sidewalks, walls, paved areas, gutters and all other permeable areas prevents the regrowth of unwanted vegetation.

**6. SERVICING**



**Caution**

Before any intervention, check that the tool is switched off. Refer to Section 5.1.2, “Stopping the tool”.

**6.1. CLEANING THE TOOL**



**Warning**

Ⓒ Never use solvents (trichloroethylene, white spirit, petrol, etc.) to clean the tool.

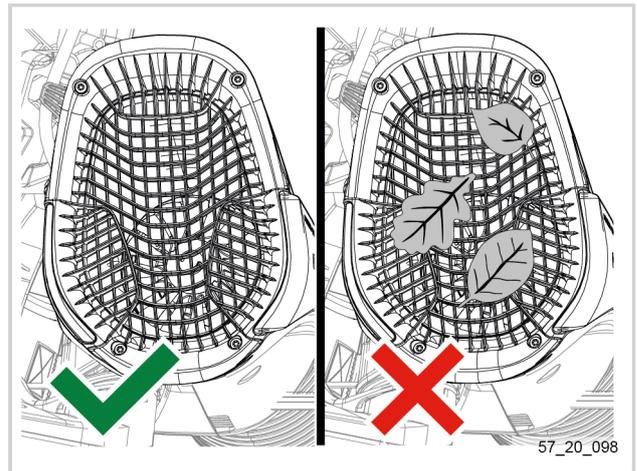
Keep your tool clean by wiping it regularly with a soft, damp cloth. Using an air compressor (10 bars maximum), blow on the tool, the air intake screen and the rotor blade on a regular basis to limit clogging.

Check that the whole air duct (from the intake to the outlet) is not obstructed.

Ensure that air intake screen holes are not obstructed.

Replace the air intake screen in case of damage, even if it is partial.

Check the condition of the rotor. If a replacement is necessary, contact your authorised PELENC distributor.



**6.2. MAINTENANCE FREQUENCY**

	At each start-up	After each use	If necessary	Every 500 hours or every year if necessary
Cleaning the machine		X		
Visual inspection of the tool	X			
Check for clogging of the air intake screen and clean if necessary	X	X		
Check the rotor: <ul style="list-style-type: none"> <li>• clean if necessary</li> <li>• replace if necessary from an authorised PELENC distributor</li> </ul>			X	
Checking the battery charge level	X			
Replace the safety labels			X	
Have the tool inspected by an approved PELENC distributor				X

## Note

© Have your tool serviced every 500 hours or at least once a year. Always make sure the tool is clean and its battery is charged before storing it.

## 6.3. INSTRUCTIONS FOR REPAIR



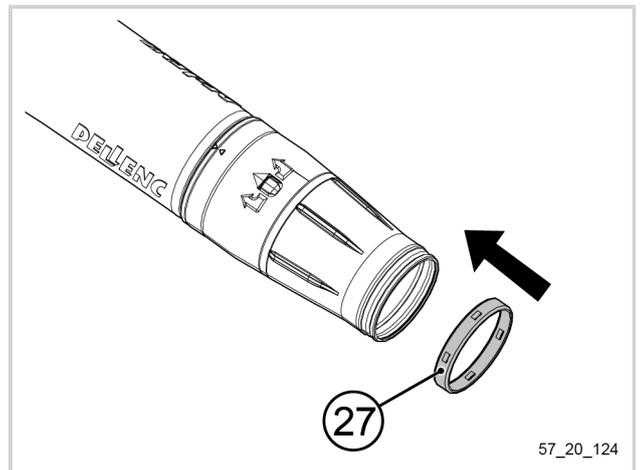
### Caution

© Only perform the maintenance and servicing operations described here in this manual. More important repairs can only be performed by an authorised PELENC distributor.

## 6.4. REPLACING THE ANTI-WEAR RING

It is possible to replace the anti-wear ring already present on the angled round nozzle tip or the round nozzle tip (refer to Section 9, "Accessories and consumables").

1. Fit the nozzle tip on the auxiliary nozzle in the fitting provided for this purpose.



7. INCIDENTS AND TROUBLESHOOTING

7.1. TABLE OF INCIDENTS AND BREAKDOWNS - TROUBLESHOOTING

Symptoms	State of the on/off switch of the battery	HMI screen	Probable cause	Checks	Solutions	Repairer
The tool does not start	Switched off	Switched off	Battery is off	Battery screen	Press the battery switch	User
	Off	Off	The power cord is severed	Check the condition of the cord	Change the cord	Authorised PELLENC distributor
			The HMI cord is severed	Check the condition of the cord	Change the cord	Authorised PELLENC distributor
			Battery	Check that the battery is not completely discharged	Recharge the battery	User
	On	On	Motor control electronic board	At an authorised PELLENC distributor	Change the circuit board	Authorised PELLENC distributor
			HMI electronic board	At an authorised PELLENC distributor	Change the circuit board	Authorised PELLENC distributor
	On and fault message displayed	On and fault message displayed	The trigger or the selector does not work anymore	At an authorised PELLENC distributor	Change the trigger or the selector or the HMI card	Authorised PELLENC distributor
			Battery not recognized or not compatible	Refer to Section 7.2, "Summary of display screen messages "	Refer to Section 7.2, "Summary of display screen messages "	User or Pellenc authorised distributor
			Tool malfunction	Refer to Section 7.2, "Summary of display screen messages "	Refer to Section 7.2, "Summary of display screen messages "	User or Pellenc authorised distributor

Symptoms	State of the on/off switch of the battery	HMI screen	Probable cause	Checks	Solutions	Repairer	
The tool stops during use	On	On	The trigger or the selector does not work anymore	Authorised PEL-LENC distributor	Change the trigger or the selector or the HMI card	Authorised PEL-LENC distributor	
			Rotor blade blocked	Check for the presence or absence of a foreign bodies that could block the rotor blade (vegetation, wire, stick, etc.)	Free up the rotor blade	Authorised PEL-LENC distributor	
		Off	The power cord is severed	Check the condition of the cord	Change the cord	Authorised PEL-LENC distributor	
			The HMI cord is severed	Check the condition of the cord	Change the cord	Authorised PEL-LENC distributor	
			The battery is flat	When stopped, check the battery charge level	Recharge the battery (if less than 10% charged)	User	
	On	On and fault message displayed	On	The tool has reached its temperature limit	Check that the battery is not completely discharged	Recharge the battery	User
				The tool is hot. Cooling mode in operation	HMI pictograms	Let the tool cool down for roughly 5 minutes	User
					Battery screen message	Allow the battery to cool down	User
	The tool works, Boost is temporarily unavailable	On	On and fault message displayed	The tool is hot. Cooling mode in operation	Check the condition of the air intake screen	Clean the air intake screen Allow the tool to cool down	User

Symptoms	State of the on/off switch of the battery	HMI screen	Probable cause	Checks	Solutions	Repairer
The blower makes an unusual noise or vibrates abnormally	On	On	Air flow duct obstructed or clogged (angled air intake, blower tube, nozzle, etc.)	Check the condition of the duct and the air intake screen	Clean the air intake screen	User
			Rotor blade blocked	Check for the presence or absence of a foreign bodies that could block the rotor blade (vegetation, wire, stick, etc.)	Clean or replace the rotor	User or Pel-lenc authorised distributor
			The power cord is severed	Check the condition of the cord	Change the auxiliary nozzle	User or Pel-lenc authorised distributor
			The HMI cord is severed	Check the condition of the cord	Lock the auxiliary nozzle and / or the nozzle tip	User
			The battery is flat	When stopped, check the battery charge level	Recharge the battery (if less than 10% charged)	User

Symptoms	State of the on/off switch of the battery	HMI screen	Probable cause	Checks	Solutions	Repairer
Loss of efficiency of the air flow	On	On	Blocked air intake screen	Check the condition of the air intake screen	Clean or replace the air intake screen	User or Pel-lenc authorised distributor
			Dirty or damaged rotor	Check the condition of the rotor	Clean or replace the rotor	User or Pel-lenc authorised distributor
			Air flow duct obstructed or blocked (angled air intake, blower tube, nozzle, etc.)	Check the condition of the duct and the air intake screen	Clean the air intake screen	User
			The auxiliary nozzle is holed or broken	Check the condition of the auxiliary nozzle	Change the auxiliary nozzle	User or Pel-lenc authorised distributor
			The auxiliary nozzle of the nozzle tip are not properly locked in place	Check the condition of the auxiliary nozzle and/or nozzle tip	Lock the auxiliary nozzle and/or the nozzle tip	User

**7.2. SUMMARY OF DISPLAY SCREEN MESSAGES**

Fault messages appear on the HMI screen of the tool.

Diagnostics display codes	Designation	Probable cause	Checks	Solutions	Repairer
Fault 1	Trigger fault	Trigger no longer works	Authorised PEL-LENC distributor	Change the trigger	Authorised PEL-LENC distributor
Fault 2	Menu button fault	The button no longer works	Authorised PEL-LENC distributor	Change the menu button	Authorised PEL-LENC distributor
Fault 3	Selector fault	The selector does not work	Authorised PEL-LENC distributor	Change the selector	Authorised PEL-LENC distributor
Fault 4	Temperature fault	Tool temperature too high	User	Allow the tool to cool down	User
			Authorised PEL-LENC distributor	Tool check	Authorised PEL-LENC distributor
Fault 5	Communication fault	Communication between the tool and the battery is interrupted	Authorised PEL-LENC distributor	Check cables and connectors	Authorised PEL-LENC distributor
Fault 6	Battery fault	The battery connector on the tool no longer works	Authorised PEL-LENC distributor	Check cables, connectors and battery	Authorised PEL-LENC distributor
		Non compatible battery	User	Use a compatible battery	User

### **Important**

 Never attempt to dismantle the tool, under penalty of cancellation of the warranty. Contact your authorised repair person.

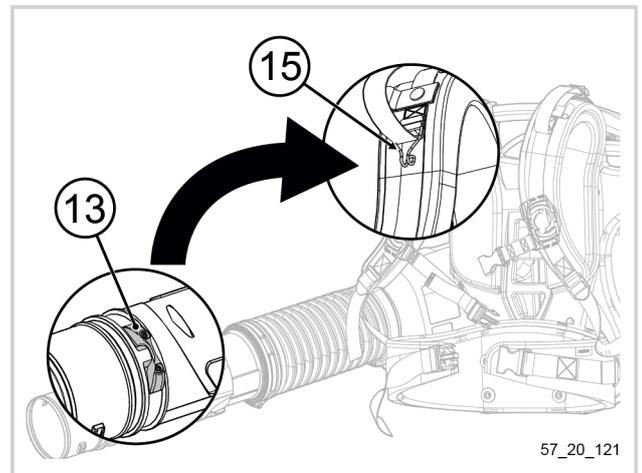
## 8. STORAGE AND TRANSPORT

### 8.1. STORAGE

- Switch off the tool (see Section 5.1.2, “Stopping the tool”).
- Disconnect the battery (see Section 4.5, “Disconnecting the battery”).
- Store the battery (refer to the battery operating instructions).
- Clean the tool (see Section 6.1, “Cleaning the tool”). Always make sure the tool is clean and its battery is charged before storing it.
- Store the tool away from humidity and dust.
- Store the tool in a safe place, out of reach of children and unauthorized persons.

#### Tool storage position

1. Optionally, to reduce the size of the tool, remove the nozzle tip (see Section 4.3.2, “Fitting / removing nozzle tips”) and the auxiliary nozzle (see Section 4.3.1, “Fitting / removing auxiliary nozzles”).
2. Completely loosen the load return straps on either side of the harness.
3. Hook on the nozzle holder loop (13) to the tool holder hook (15).
4. Set down the tool on its stand.



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### 8.2. TRANSPORT

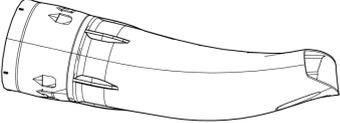
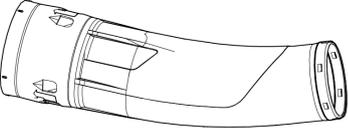
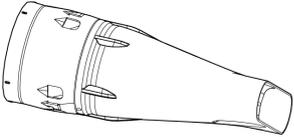
- Switch off the tool (see Section 5.1.2, “Stopping the tool”).
- Disconnect the battery (see Section 4.5, “Disconnecting the battery”).
- Put the tool in the storage position (see Section 8.1, “Storage”).
- Ensure that the tool and the battery are secured in the transport vehicle.

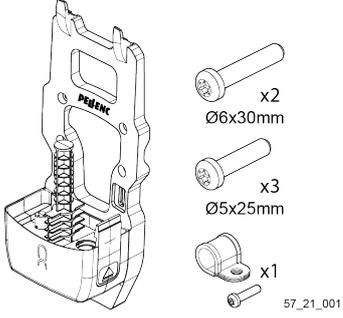
**9. ACCESSORIES AND CONSUMABLES**

**9.1. ACCESSORIES INCLUDED**

For a list of accessories included with the tool, refer to Section 4.1, "Contents of the kit".

**9.2. OPTIONAL ACCESSORIES**

Accessory	Designation of the accessory	Reference
 <p style="text-align: right; font-size: small;">57_20_227</p>	Angled flat nozzle tip	148550
 <p style="text-align: right; font-size: small;">57_20_207</p>	Angled round nozzle tip	148549
 <p style="text-align: right; font-size: small;">57_20_208</p>	Flat nozzle tip	148551
 <p style="text-align: right; font-size: small;">57_20_208</p>	Anti-wear ring	148553

Accessory	Designation of the accessory	Reference
	<p>Alpha battery support kit</p> <ul style="list-style-type: none"> <li>• ALPHA attachment plate</li> <li>• Attachment screw</li> <li>• Cable retaining ring</li> </ul>	<p>150149</p>

## 10. WARRANTIES

### 10.1. GENERAL WARRANTIES

#### 10.1.1. STATUTORY WARRANTY

##### - 10.1.1.1. LATENT DEFECTS WARRANTY

Apart from the commercial warranty provided for under Article II, Article 1641 of the Civil Code provides that "the seller is bound to a warranty on account of latent defects of the object sold which render it unfit for the use for which it was intended, or which would impair said use to the extent that the buyer would not have acquired it, or would only have given a lesser price for it, had he known of them".

Article 1648 of the Civil Code "The action resulting from latent defects must be brought by the purchaser within two years after the discovery of the defect. "

##### - 10.1.1.2. LEGAL WARRANTY OF CONFORMITY

Article L.217-4 of the French Consumer Code "The seller delivers goods in conformity with the contract and is liable for defects of conformity existing upon delivery".

The seller is also liable for any lack of compliance resulting from the packaging, assembly or installation instructions whenever its contractual liability is engaged in this regard or the latter are carried out under its responsibility

Article L.217-5 of the French Consumer Code "Goods are compliant with the contract":

1. Where they are fit for the purpose normally expected of similar goods and, where applicable:
  - If it matches the description given by the seller and possesses the qualities that were presented to the purchaser in the form of a sample or model;
  - If it possesses the qualities that a purchaser can reasonably expect given the public statements made by the seller, the producer or its representative, especially in advertising or labelling;
2. Or, if it has the characteristics defined by mutual agreement of the parties or is fit for any particular purpose that the buyer made known to the seller and that the latter accepted.

Article L.217-12 of the Consumer Code "legal action resulting from lack of conformity lapses two years after delivery of the goods".

#### 10.1.2. COMMERCIAL WARRANTYPELLENC

##### - 10.1.2.1. CONTENT

###### 10.1.2.1.1. GENERAL INFORMATION

In addition to legal warranties, client users benefit from the commercial warranty on products PELLENCcovering the exchange and replacement of parts recognised as being out of order, due to machining defects, assembly defects or material defects, whatever the cause.

The warranty is fully integral to the product sold by PELLENC.

###### 10.1.2.1.2. SPARE PARTS

The commercial warranty also covers original PELLENCspare parts, excluding labour and to the exclusion of certain parts of each product provided at delivery.

**- 10.1.2.2. DURATION OF THE WARRANTY****10.1.2.2.1. GENERAL INFORMATION**

PELENC Products are guaranteed under the commercial warranty as from delivery to the customer for a period of two (2) years for products connected to a PELENC battery, and for a period of one (1) year for other PELENC products.

**10.1.2.2.2. SPARE PARTS**

PELENC Replacement parts replaced under the product warranty are guaranteed under the commercial warranty as from delivery of the PELENC product to the customer user for a period of two (2) years for products connected to a PELENC battery, and for a period of one (1) year for other PELENC products.

In the case of products connected to a PELENC battery, parts that are replaced under the product warranty after the 12th month of use, are covered for a period of one (1) year.

**10.1.2.2.3. WARRANTY EXCLUSIONS**

Excluded from the commercial warranty are products that have been subject to abnormal use, or were used under conditions and for purposes other than those for which they were manufactured, especially in the case of non-compliance with conditions stipulated in this user manual.

It does not apply in case of shock, fall, neglect, lack of supervision or maintenance or in case of transformation of the product. Also excluded from the warranty are products that have been subject to tampering, alteration or modification by the client user.

Wear parts and/or consumables cannot be covered by the warranty.

**- 10.1.2.3. IMPLEMENTATION OF THE COMMERCIAL WARRANTY****10.1.2.3.1. PRODUCT COMMISSIONING AND COMMISSIONING DECLARATION**

The DISTRIBUTOR undertakes to complete the computer commissioning declaration form, no later than eight days after the delivery of the property to the user customer, in order to activate the latter on the [www.pellenc.com](http://www.pellenc.com) website under "warranties and training" in the "extranet" menu, using the identifier previously provided to them by PELENC.

Failing that, commissioning declaration will not be effective and implementation of the commercial warranty PELENC will not occur. As a consequence thereof, the DISTRIBUTOR must ensure the financial burden of its intervention under the warranty without being able to pass on the cost to the client user.

The DISTRIBUTOR shall also undertake to complete the warranty card or the certificate of warranty and commissioning for self-propelled equipment provided with the product after having the client user sign and date it.

**10.1.3. PAID AFTER-SALES SERVICE****- 10.1.3.1. GENERAL INFORMATION**

Malfunctions, breakdowns, breakages resulting from misuse, neglect or improper maintenance by the client user as well as malfunctions resulting from normal wear of the product are subject to the payment of after-sales service, even during the period of the legal and commercial warranty. After-sales service repairs that fall outside of the legal and commercial warranty also include maintenance, adjustments, diagnostics of all types, and cleaning without the present list being exhaustive.

**- 10.1.3.2. WEAR PARTS AND CONSUMABLES**

Wear parts and consumables also fall within the after-sales service.

**- 10.1.3.3. SPARE PARTS**

Paid after-sales service also covers original PELLENC spare parts, excluding labour and outside the legal and commercial warranty period.

In case of replacement of original PELLENC spare parts in the context of after-sales service, said latter are covered by a warranty of one year as from the installation date.

**11. COMPLIANCE STATEMENTS**

**11.1. "EC" DECLARATION OF CONFORMITY: AIRION BP**

MANUFACTURER	PELENC
ADDRESS	Quartier Notre-Dame - 84120 Pertuis (France)

ENTITY AUTHORIZED TO COMPILE THE TECHNICAL FILE	PELENC
ADDRESS	Quartier Notre-Dame - 84120 Pertuis (France)

We hereby declare that the machine referred to below as:

GENERIC DENOMINATION	Backpack blower
FUNCTION	Maintenance work in green spaces and on public roads
COMMERCIAL NAME	Airion BP
TYPE	Blower
MODEL	Airion BP
SERIAL No.	57U00001 - 57U49999 57V00001 - 57V49999 57W00001 - 57W49999

Complies with the relevant provisions of the machinery directive (2006/42/EC).

Complies with the following other directives and / or relevant provisions:

- 2014/30/EU EMC Directive
- 2011/65/EU ROHS Directive
- 1907/2006 REACH Regulation
- 2012/19/EU WEEE Directive

The following harmonised european standards were used:

- EN 60335-1: 2012 + A14: 2019
- EN 50636-2-100: 2014
- EN 60529 :1991 + A2: 2013 + AC: 2019
- EN 55014-1: 2017
- EN 55014-2: 2015

THE FOLLOWING OTHER STANDARDS AND TECHNICAL SPECIFICATIONS HAVE BEEN USED:

- EN 61000-3-2: 2014
- EN 61000-3-3: 2013

**Sound Level at the maximum operating rating**

Symbol	Value	Unit	Reference	Remark
L <sub>WAm</sub>	?????	dB(A)	1 pW	Measured sound power level
L <sub>WAg</sub>	?????	dB(A)	1 pW	Guaranteed sound power level

The measured sound level and the guaranteed sound power level were measured according to a procedure in accordance with Directive 2000/14 / EC Annex V.

SIGNED IN PERTUIS, DATED 20/09/2020  
JEAN-MARC GIALIS  
CEO

A handwritten signature in black ink, consisting of a large loop on the left and a series of smaller loops and strokes on the right, crossing a horizontal line.

**11.2. UK DECLARATION OF CONFORMITY <sup>UK</sup>CA : AIRION BP**

MANUFACTURER / ENTITY AUTHORIZED TO COMPILE THE TECHNICAL FILE	PELENC
ADDRESS	Quartier Notre-Dame - 84120 Pertuis (France)

We hereby declare that the machine referred to below as:

GENERIC DENOMINATION	Backpack blower		
FUNCTION	Maintenance work in green spaces and on public roads		
COMMERCIAL NAME	Airion BP		
TYPE	Blower		
MODEL	Airion BP		
SERIAL No.	57U00001 - 57U49999	57V00001 - 57V49999	57W00001 - 57W49999

Complies with the relevant provisions of the Supply of Machinery (Safety) Regulations 2008.

Complies with the following other directives and / or relevant provisions :

- Electromagnetic Compatibility Regulations 2016 ; The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 ; 1907/2006 REACH Regulation ; 2012/19/EU WEEE Directive ; Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001.

The following harmonised european standards were used:

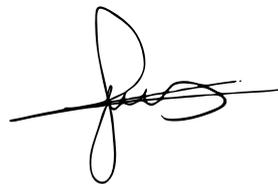
- BS EN 60335-1 : 2012+A13:2017 ; BS EN 50636-2-100:2014 ; BS EN 60529:1992+A2:2013 ; BS EN 55014-1 : 2017 ; BS EN 55014-2 : 2015.

**Sound Power Level :**

- Measured sound power level  $L_{WAm}$  : 95 dB (A)
- Guaranteed sound power level  $L_{WAq}$  : 96 dB (A)

The measured sound level and the guaranteed sound power level were measured by the body SGS-CSTC Shanghai, 588 Wast Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China according to a procedure compliant with Directive 2000/14 / EC Annex V. The report is identified by the following number : SHES201202647571.

SIGNED IN PERTUIS, DATED 20/09/2020  
JEAN-MARC GIALIS  
CEO







# **PELLENC**

   [www.pellenc.com](http://www.pellenc.com)

PELLENC  
Quartier Notre Dame - 84120 Pertuis (France)

