

PELENC



GREEN SPACES AND MUNICIPALITIES

CATALOGUE 2020





“

MAKING YOUR WORK EASIER WHILE RESPECTING NATURE

—

Since its creation in 1973, the PELLENC group has been manufacturing tools for agriculture, green spaces and local communities, working closely with the sector to make human tasks easier while also increasing productivity. The 1,700 employees of the PELLENC group are committed to the values of excellence and thoroughness in their work. They are passionately committed to designing, producing, and bringing to market tools that are at the cutting edge of technological innovation. We are constantly seeking new ways to make working with nature more enjoyable and more efficient, through our conviction that it is possible to yield better results while also respecting the environment. Together we are pursuing our mission to work with nature, serving people.





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AN INTERNATIONAL DISTRIBUTION NETWORK



• Distributor countries

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PELENC IS A FRENCH GROUP WITH AN INTERNATIONAL PRESENCE

We have over 800 authorised distributors on all continents.

PELENC extends its network every year and endeavours to offer its technologies and products to the largest number of customers.

AMERICA





-  **PELENC AMERICA**
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ASIA / OCEANIA

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-  **PELENC AUSTRALIA**
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-  **Head office**
-  **Mixed subsidiaries**
 (distribution and production)
-  **Distribution subsidiaries**
-  **Production subsidiaries**

WORKING WITH NATURE, SERVING PEOPLE

—

Close to nature, we provide innovative technological solutions to preserve and sublimate the planet's natural resources. And we do everything we can to make work easier for those who have put nature at the heart of their profession.

Ensuring high performance levels while preserving the comfort and safety of users is a priority for us in every innovation we develop. We feel that it is essential to consider the needs of each customer, as well as each of our employees and partners. This inspires a mutual trust that helps us work together toward shared goals.



PELENC, SUSTAINABLE SOLUTIONS

CARING FOR THE ENVIRONMENT

- Sustainability
- Recycling
- Eliminating plant protection products
- Cutting out emissions



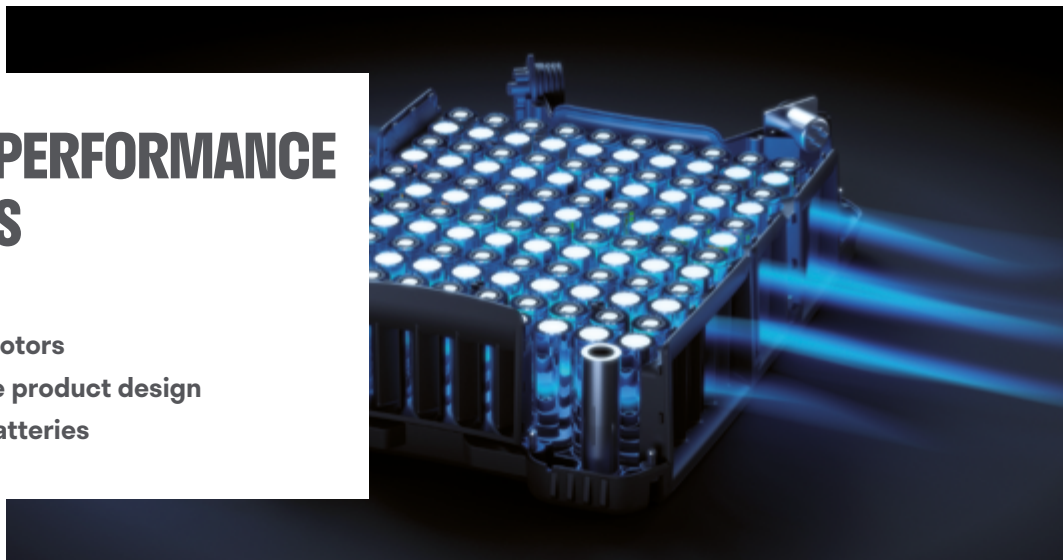
ERGONOMICS

- Reducing noise pollution
- Minimizing strain on the user
- Ensuring low vibration levels



HIGH PERFORMANCE LEVELS

- PELLENC motors
- Innovative product design
- PELLENC batteries



CARING FOR THE ENVIRONMENT

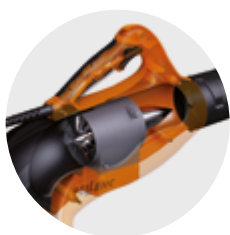


SUSTAINABILITY

A DEMANDING AND SUSTAINED ENVIRONMENTAL POLICY

Pellenc is undertaking a sustainable-development process, aimed at limiting the environmental impact of its activities. The group is incorporating this idea across the board, from product design onwards.

SUSTAINABLE AND REPAIRABLE PRODUCTS



PELLENC designs and manufactures durable, robust, and repairable tools, motors, and batteries for professional use. In this way, we are fighting against planned obsolescence. For example, the Airion

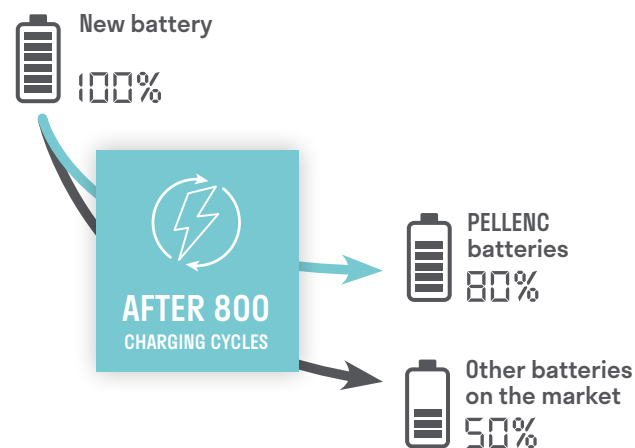
3 blower is equipped with magnesium parts and an easily replaceable fan.

For over 10 years, many towns concerned about the environment have placed their trust in us.

PELLENC guarantees its ULiB 750, 1200, 1500, and Alpha 260 and 520 batteries for 3 years*, and guarantees all its professional tools for 2 years.

As a pioneer in the manufacture of battery power tools, our experience has enabled us to ensure a long service life.

At PELLENC, we provide information about the number of charging cycles** from which the capacity falls to 80% of its initial value, so that the batteries can still be used.



*3rd year of warranty free of charge by signing up at <https://guarantee.pellenc.com> within 3 months of the date of purchase.

**A charging cycle corresponds to a full charge and discharge.

RECYCLING

REMEMBER TO BRING BACK YOUR TOOLS AND BATTERIES AND LIMIT THEIR END-OF-LIFE IMPACT



The first objective in the design of PELLENC products is to ensure a long service life and easy reparability under professional operating conditions. This delayed end of life significantly reduces the environmental impact.

PELLENC also gives preference to recyclable materials, and we make sure our products' constituent parts are marked with material codes to facilitate recycling.

Finally, PELLENC provides end of life data sheets to guide recycling workers in dismantling the products.

As for the batteries, 98% of the lithium-ion cell components can be recovered using a hydrometallurgical recycling process.

In our concern for the innovative design of our range of portable power tools, up to their end of life, we made the decision to join the following approved eco-organisations in France:

screlec for managing the whole waste battery recycling process. The organisation will handle the collection and recycling of your lithium-ion batteries. Your PELLENC distributor will give you suitable containers in which to put your spent batteries.

EcoLogic for the collection and processing of Waste Electronic and Electrical Equipment (known as WEEE or W3E). When a tool has come to the end of its life, you can bring it back to your distributor or to any other collection point intended for that type of waste (Ecologic collection points, local disposal sites, etc.).

Don't hesitate to ask your distributor if you need more information on the conditions for collecting and returning your tools to their sales outlets.

We also recommend you look up the websites of environmental organisations that offer very useful explanatory videos about how the WEEE and batteries disposal network is organised.



ELIMINATING PLANT PROTECTION PRODUCTS: AN ALTERNATIVE TO CHEMICALS

New European legislation limits the use of plant protection products in public and private spaces.

PELLENC is a long-standing partner of local municipalities, and a pioneer in the use of clean technologies. PELLENC offers a mechanical battery-powered weed control solution as an alternative to chemicals.

The EXCELION 2000 brush cutter equipped with its CITY CUT cutting head lets you weed all surfaces without scattering debris: gravel, soil, sand, stabilized bitumen. The CULTIVION soil cultivator, specially adapted to working the soil, enables rapid weeding at depth and over the long term.



Weeding streets



Weeding planting beds

CUTTING OUT EMISSIONS

Over more than 10 years, PELLENC has invested heavily in the design and manufacture of a comprehensive range of “Zero Emissions” battery power tools. The aim was to provide a range of tools offering at least the same performance levels (power, battery life, etc.) as their petrol-motor equivalents, but with no direct CO₂ emissions.



LARGE COMPANIES AWARDS

In 2014, PELLENC was rewarded by the Minister for the Environment and Sustainable Development and by ADEME in the category “Eco-product for sustainable development”.





GOLDEN DECIBEL AWARD

Awarded to the **Airion** in 2011 by the French National Noise Council.

REDUCING NOISE POLLUTION

Noise measurements are directly related to the Machinery Directive 2006/42/EC.

PELLENC battery powered tools run on electric energy, with non-contact Brushless motors.

PELLENC's electrical technology reduces the number of components in the tools (no clutch) as well as the movement of mechanical parts, thus reducing noise emissions. Moreover, and unlike petrol motors which operate continuously, the PELLENC brushless motor comes to a complete stop between two work cycles. This further reduces noise pollution, to the benefit of the user and the neighbourhood.

As a result, PELLENC tools have some of the lowest noise levels on the market. They are below the threshold of European standards requiring the use of hearing protection (< 85 dB).

ENSURING LOW VIBRATION LEVELS

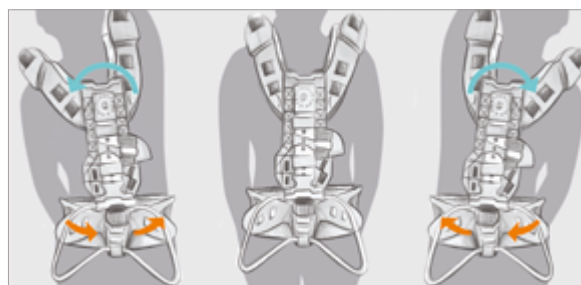
Vibrations are at the heart of our concerns. When we were developing our new generation of lawnmowers, we managed to achieve an exceptionally low vibration level of 0.7 m/s². With each generation of tools, our teams work to further improve this essential feature.

The cited vibration measurements are also in relation to the Machinery Directive 2006/42/EC.

MINIMIZING STRAIN ON THE USER

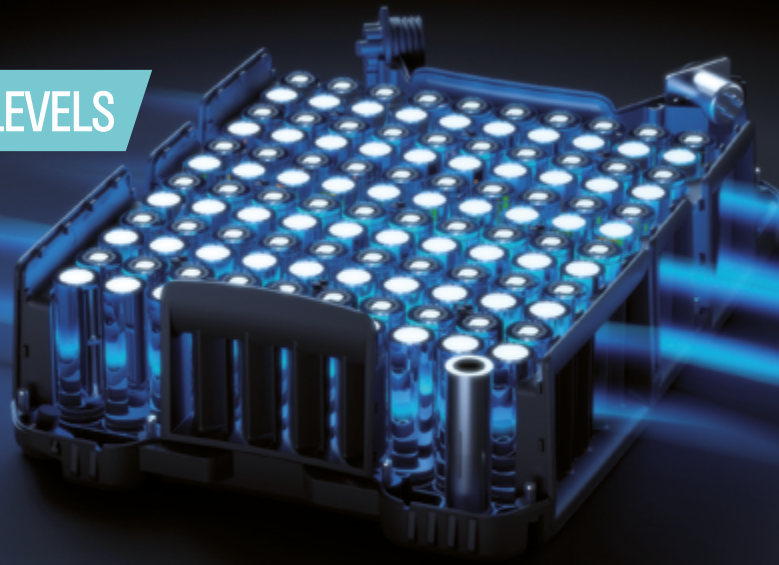
Our engineers take an average of 3 years to develop ergonomic products. Lightness, movement support, compensated pressure, are all aspects that they study closely in order to facilitate the daily work of users and reduce any risk of musculoskeletal disorders.

When developing the new carrying harness, distributing 70% of the weight to the hips and thus ensuring the user's comfort was a priority.



The Helion Alpha hedge trimmer is designed to achieve a perfect centre of gravity and balance when performing swinging movements.





PELENC MOTORS

27 YEARS OF EXPERIENCE IN BRUSHLESS MOTORS

PELENC's 100% brushless motors are highly efficient and hardy. Efficiency is the ratio between the output power and the energy drawn from the battery.

As a trailblazer in portable power tools, PELENC added DC motor technology to its first pruning shears from 1987, then developed its own brushless motors for its full range of battery power tools.

The brushless motors made by PELENC give your tools high performance, reliability and durability, while reducing their power consumption, weight, and overall size. They enable precision work without the fatigue.



BRUSHLESS
by PELENC



BATTERY LIFE

boosted



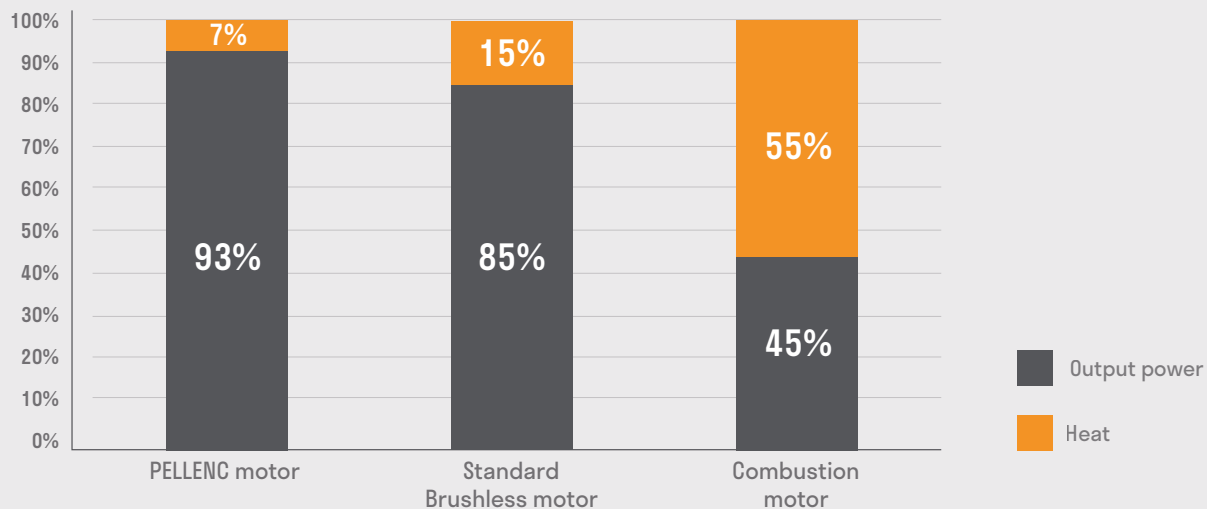
LIFE SPAN

extended
Very low wear



HIGH-PERFORMANCE

COMPARISON OF BEST EFFICIENCY: PELLENC MOTORS ACHIEVE 93% EFFICIENCY



HEAT HAS A SERIOUS IMPACT ON:

BATTERIES

The heat uses up power capacity unnecessarily. PELLENC delivers an additional 8% (=15%-7%) of motor efficiency, allowing you to work longer.

INNOVATIVE PRODUCT DESIGN

What sets PELLENC design apart is its integration of expertise from a very diverse range of technological fields. Furthermore, we constantly re-examine the industry standards in order to better meet the needs of users.

RASION lawnmower for professionals:

Designed to provide optimal power with minimal dispersion.





POWERFUL

Best on-board capacity/weight ratio



ENVIRONMENTALLY FRIENDLY

Zero CO₂ emissions
80% recyclable battery



MULTIFUNCTION

Range of batteries compatible with all PELENC tools since they were first manufactured.



DURABLE

Best service life on the market: 80% of their initial capacity after 800 or 1,300 complete charging cycles, depending on the range.



HARDY



COMPACT



IP54

SERVICE LIFE: PELENC AND LITHIUM-ION ENERGY

1. New cells that are highly resistant to charging and discharging cycles

At the heart of the battery, the lithium-ion cell was chosen for its available energy capacity and its service life.

The cells are sensitive to the level of charge: too low a charge and the cells die, too high a charge and they become unstable.

5 YEARS OF UPSTREAM TEST

simulations in harsh usage conditions by PELENC

2. High-performance electronic management

Charging must stop before one of the cells becomes unstable. The other cells will not necessarily be fully charged, and the capacity will be reduced.

BALANCE SYSTEM

a high-performance electronic control and balancing system that guarantees a long-lasting energy return.

3-YEAR WARRANTY*
ON PELLENC BATTERIES



*3rd year of warranty free of charge by signing up at <https://guarantee.pellenc.com> within 3 months of the date of purchase.

MULTIFUNCTION



3. Cell assembly

The assembly of the cells affects the life of the batteries. They must withstand the vibrations and impacts inherent to professional use.

WELDLESS CONNECTION PROCESSES

Weldless, suitable for professional use.

4. Batteries that last - accurate diagnostics and repairability

An annual diagnostic is recommended, for proper maintenance of professional equipment and appropriate recommendations for use.

REPAIRABILITY

Our professional batteries are repairable and built to last over time, in contrast to the concept of programmed obsolescence.

LONG-TERM SAVINGS

COST OF USING A PELLENC PRODUCT

PELLENC power tools are a great investment, and quickly pay for themselves.

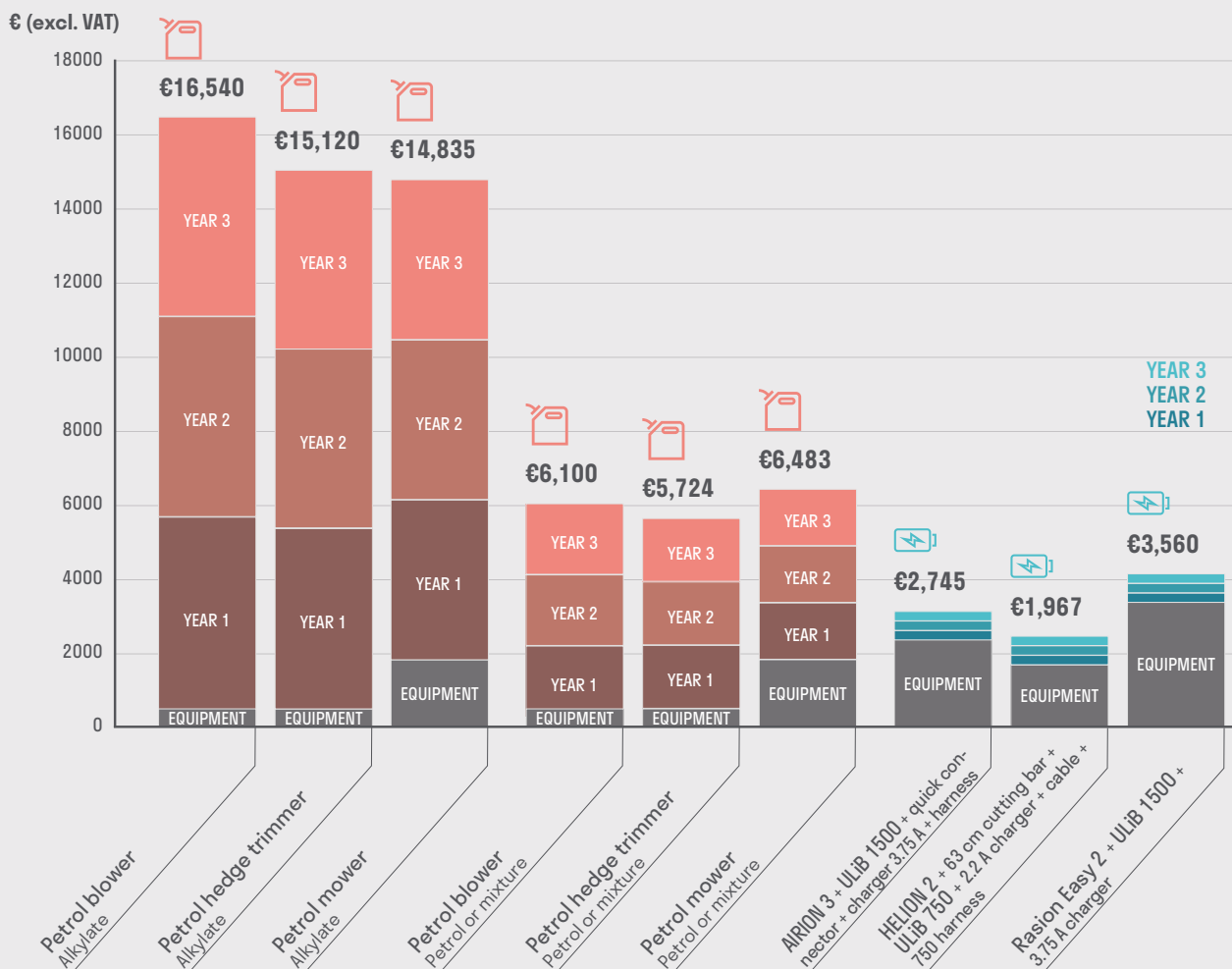
We calculated the break-even point of a PELLENC tool relative to an equivalent petrol tool, taking into account:

- The cost of recharging a battery per day worked
- The cost of the petrol or alkylate-based mixture per day worked

Note: maintenance and management costs are not included in this calculation. These fixed costs are higher for petrol tools.

THE **+**
A PELLENC TOOL IS MORE COST-EFFECTIVE THAN A PETROL TOOL FOR PROFESSIONAL USE.

TOOL BREAK-EVEN POINT



RAPID RETURN ON INVESTMENT

CALCULATE THE RETURN ON INVESTMENT FOR A BRUSH CLEARING SOLUTION

 **€16,780**

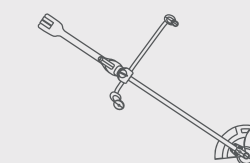
YEAR 3	€5,400
YEAR 2	€5,400
YEAR 1	€5,400
EQUIPMENT	€580

Petrol brush cutter
Alkylate

 **€6,340**

YEAR 3	€1,920
YEAR 2	€1,920
YEAR 1	€1,920
EQUIPMENT	€580

Petrol brush cutter
Petrol or mixture



 **€3,067**

YEARS 1, 2, AND 3	€50.40/YEAR
EQUIPMENT	€2,916

EXCELJON 2000 with strap + TAP CUT + ULiB
1500 battery + cable + 3.75A charger +
comfort harness



DATA USED

- Battery charging: €0.21
- Fuel blend: €1.60/litre
- Alkylate mixture: €4.50/litre
- Daily consumption: 5 litres
- Price per day of fuel blend: €8
- Price per day of alkylate mixture: €22.50
- Days worked/year: 240

SAVINGS WITH EACH USE

€7 /DAY

Difference between the cost of petrol
per day and the cost of battery charging

100 LITRES/MONTH

Alkylate petrol mixture saved



PELLENC

ULTRA
LITHIUM
BATTERY
750



New

ULIB 750

A TRIED AND TESTED BATTERY

Extra slim, compact and lightweight, the ULiB 750 battery meets all ergonomic standards with an unrivalled capacity/weight ratio!

A responsible solution for the maintenance of green spaces and trees. Developed to work with all PELLENC battery power tools, it will be ideal for your pruning work. Weighing less than 4.5 kg, this battery backpack's sleek and compact design make it a real innovation in terms of technology, ergonomics, and safety.

ULIB 750

ULIB 750 - THE ESSENTIALS



PRODUCTIVE



ERGONOMIC



DURABLE



COST EFFECTIVE



PRODUCTIVE

- Its capacity is 745 Wh for 17.25 Ah.
- Exceptional capacity/weight ratio of 166 Wh per kg.
- Battery life from 2 hrs 30 with the Airion 3 blower to 12 hrs with a hedge trimmer
- Suitable for use in all weather conditions with IP54 sealing.
- Compatible with all PELLENC battery power tools.

ERGONOMIC

- Extremely lightweight: less than 4.5 kg.
- Very slim battery: ideal for pruning work.
- Backlit battery display to the nearest %, with user menu.
- Reversible, double on/off buttons, and connection of the tool from above or below.
- Visible at night or in difficult weather conditions thanks to its 4 reflectors and flashing display.
- Double-attachment safety mechanism on its ergonomic handle, specially designed for pruning.





DURABLE

- Sleek and compact design—stacked assembly of high-quality lithium-ion cells.
- Service life of more than 800 charging cycles* (one cycle corresponding to one complete charge and discharge).
- 80% recyclable battery.
- Battery retrieved, recycled, and recovered by the competent eco-organisations.

**With PELLENC, the number of cycles corresponds to the moment when the battery has lost 20% of its capacity. It can still be used nonetheless.*

COST EFFECTIVE

- Daily cost €0.11* (excl. VAT).
- Throughout its service life, the 750 battery provides power equivalent to 2,800 litres of petrol

**rate corresponding to the cost of €0.14 kWh in France.*

PRODUCT ADVANTAGES

Ergonomic handle, easy to transport

Quick-clip system on the harness

PELLENC patent

Tool connector with protected contacts

Upper ON/OFF button

Charge

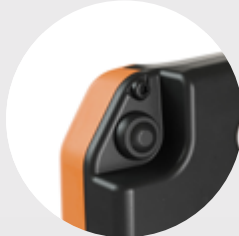
Stacked assembly of high-quality lithium-ion cells.

Ultra slim battery

Battery display

Backlit with an hour counter for each type of tool

Lower ON/OFF button





WATERPROOF BATTERY

3-YEAR WARRANTY*
ON PELLENC BATTERIES



*3rd year of warranty free of charge by signing up at <https://guarantee.pellenc.com> within 3 months of the date of purchase.



*Easy Clip system:
Clip on and release the battery with one hand.*

3D animation Video

Marketing Video



Reversible battery on its comfort harness

Tool connection at the top or the bottom.

TECHNICAL FEATURES

	ULiB 750
Weight without harness - kg	4.5
Weight of the 750 harness - kg	0.8
Weight of the comfort harness - kg	1.5
Power available - Wh	745
Recommended charger	2.2A charger
Recharging to 90%/100%	7 hrs 30 / 9 hrs
Voltage - V	43.2
Capacity - Ah	17.25
Battery life	2 hrs 30 to 1.5 days depending on the tool*
Sealing	IP 54
Average service life - Cycles	800

* See P.57 - Battery life for each tool



PELENC
Ultra Lithium 1500
Battery

100





ULIB 1200 AND 1500

A NEW ERA FOR ELECTRICAL POWER

The ULiB 1200 and 1500 batteries are designed to meet the needs of professionals in terms of performance, comfort, and durability.

In partnership with gardening professionals, PELLENC designed the 1200 and 1500 batteries to guarantee performance, ergonomics, and battery-life that revolutionise the gardening profession.



Winner of the Vehicles/Maintenance category for the 1500 and 1200 batteries and comfort harnesses

SMCL - 2017

Winner of the "Sustainable Development" category for the 1500 battery and its comfort harness

PAYSALIA - 2017

SETT d'Or for the 1500 battery and its comfort harness

SETT - 2017

ULIB 1200 AND 1500

ULIB 1200 AND 1500 - THE ESSENTIALS



PRODUCTIVE



ERGONOMIC



DURABLE



COST EFFECTIVE



PRODUCTIVE

- The best stored-energy capacity on the market.
- Compatibility: can be used with all the products in the PELLENC battery power tools range.
- Can be used in the rain thanks to its IP54 sealing level.
- With the UliB 1500:
 - > up to 5 hours of work in real-life conditions with the RASION 2 range of mowers
 - > Up to 6 hours working time in real-life conditions with the AIRION 3 blower
 - > up to 3 days with the HELION 2 hedge trimmer

ERGONOMIC

- Compact, allowing freedom of movement and optimal work quality.
- Easy to carry, with its ergonomically-designed handle.
- Tool connection at the top or the bottom.
- Double on/off buttons.
- Back-lit battery-life display.
- Visible at night or in poor weather conditions with 4 reflectors and flashing display.





DURABLE

- Very high-capacity lithium-ion cells tested in severe working conditions.
- Average service life of 1,300 charging cycles*, i.e. more than 5 years (one cycle corresponding to a full charge and discharge).
- 80% recyclable battery.
- Battery retrieved, recycled, and recovered by the competent eco-organisations.

**With PELLENC, the number of cycles corresponds to the moment when the battery has lost 20% of its capacity. It can still be used nonetheless.*

COST EFFECTIVE

- Daily cost €0.21* (excl. VAT).
- Throughout its service life, the 1500 battery provides power equivalent to 7,000 litres of petrol.

**rate corresponding to the cost of €0.14 kWh in France.*

PRODUCT ADVANTAGES



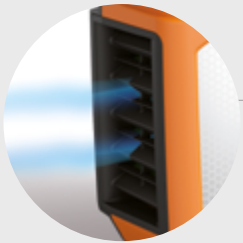
Ergonomic handle, easy to transport

Quick-clip system on the harness

PELLENC patent

Tool connector with protected contacts

Ultra-compact cell assembly system



Natural 360° ventilation

Sealed ventilation system. Natural ventilation of the battery cells delivers maximum efficiency.

PELLENC patent

Lower ON/OFF button



Upper ON/OFF button

Charge



BATTERY DISPLAY

Backlit

- Scroll buttons
- Power "On" indicator
- % charge remaining
- Charging underway/completed
- Hour counter for each tool



WATERPROOF BATTERY

3-YEAR WARRANTY*
ON PELLENC BATTERIES



*3rd year of warranty free of charge by signing up at <https://guarantee.pellenc.com> within 3 months of the date of purchase.



*Easy Clip system:
Clip on and release the battery with one hand.*

3D animation Video

Tutorial Video

Marketing Video



Reversible battery on its comfort harness

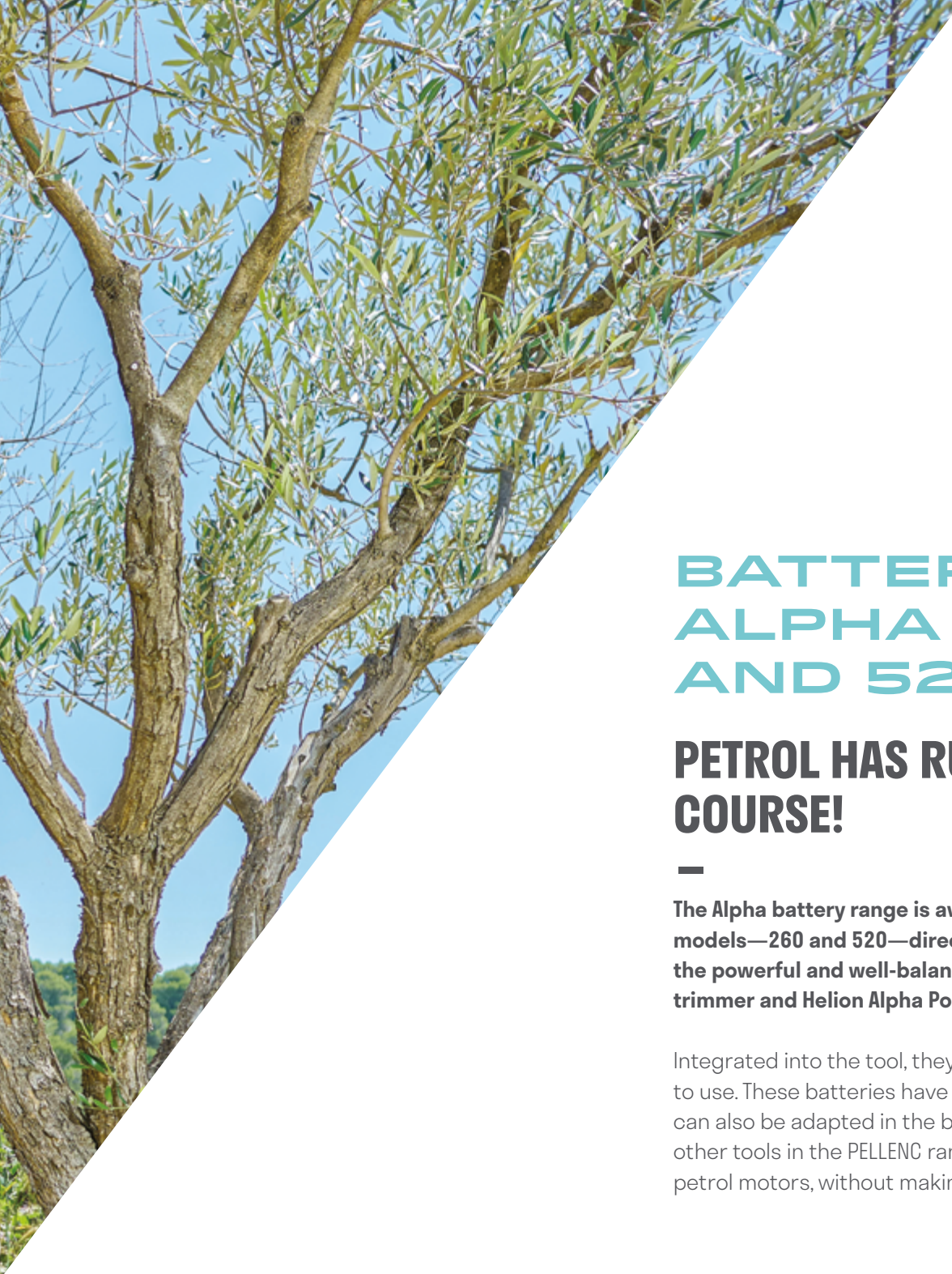
Tool connection at the top or the bottom.

TECHNICAL FEATURES

	ULiB 1500		ULiB 1200	
Weight without harness - kg	7.5		6.3	
Harness weight - kg	1.5		1.5	
Power available - W/h	1,527		1,221	
Recommended chargers	3.75 A charger	Quick charger	3.75 A charger	Quick charger
Recharging to 100%	12 hrs	7 hrs	10 hrs	5 hrs 30
Recharging to 90%	10 hrs 30	5 hrs	8 hrs 30	4 hrs
Voltage - V	43.6		43.6	
Sealing	IP 54		IP 54	
Average service life - Cycles	1,300*		1,300*	

With PELLENC, the number of cycles corresponds to the moment when the battery has lost 20% of its capacity. It can still be used nonetheless.





BATTERIES ALPHA 260 AND 520

PETROL HAS RUN ITS COURSE!



The Alpha battery range is available in 2 models—260 and 520—directly integrated into the powerful and well-balanced Excelion Alpha trimmer and Helion Alpha Pole hedge trimmer.

Integrated into the tool, they are quick and easy to use. These batteries have a long battery life and can also be adapted in the backpack version to other tools in the PELLENC range. An alternative to petrol motors, without making compromises!

PRODUCT ADVANTAGES



WATERPROOF BATTERY

3-YEAR WARRANTY*
ON PELLENC BATTERIES



*3rd year of warranty free of charge by signing up at <https://guarantee.pellenc.com> within 3 months of the date of purchase.



ALPHA HARNESS



The harness lets the user carry the Alpha battery on their back and power other PELLENC tools.
Weight: 1.4 kg

Ref. 57194

ALPHA COUNTERWEIGHT



The counterweight can be clipped on in place of the Alpha battery so that another PELLENC battery (e.g. the 1200) can power a tool.
Weight: 2.6 kg

Ref. 57195

Tutorial Video

Marketing Video

TECHNICAL FEATURES

BATTERIES	ALPHA 260	ALPHA 520
Weight (without harness) - kg	2.5	3.6
Type	Li-ion	Li-ion
Voltage - V	43.2	43.2
Capacity - Ah	6	12
Stored energy - Wh	260	520
Charging time - hrs	Depending on charger	Depending on charger
2.2 A charger (70%/100%)	2 hrs / 3 hrs 45	3 hrs 45 / 6 hrs 30
3.75 A charger (70%/100%)	1 hr 15 / 2 hrs 45	2 hrs 30 / 4 hrs 30
7.6 A Quick Charger (70%/100%)	0 hrs 30 min / 1 hr 45 min	1 hr 00 min / 2 hrs 30 min
Average service life: number of charge cycles*	800	800
Carrying harness	Available as an option	Available as an option
Compatibility with the tool	Yes, excluding Rasion and Excelion	Yes

The use of Alpha batteries with the following energy-consuming tools: Excelion 2000, Airion, Selion C21, Rasion, can potentially cause short stoppages in intensive conditions. A battery with a larger capacity such as the ULiB 1200 or 1500 is recommended as it is better suited to extreme conditions.

With PELLENC, the number of cycles corresponds to the moment when the battery has lost 20% of its capacity. It can still be used nonetheless.

Chargers not included with Alpha batteries.

ALPHA CHARGING DOCK



Wall kit for charging Alpha batteries.

Ref. 57240

ALPHA 520 SUPPORT KIT



Lets you use the 520 Alpha battery with RASION mowers.

Ref. 57194





ERGONOMIC HARNESSES

A COMFORTABLE HARNESS TO AID EFFICIENCY

—
Conceived and designed to adapt to all body types and working habits, the PELLENC battery carrying harness enables the user to keep working over a long period while retaining freedom of movement.

PELLENC strives to design its tools to reduce the strain of work. So it was only natural to incorporate into the harness design all possible features to lighten, assist and optimise the work of the operator. Designed in partnership with experts in extreme hiking, the PELLENC battery harness helps make work more pleasant.



Winner of the Vehicles/Maintenance category for the 1500 and 1200 batteries and comfort harnesses

SMCL - 2017

Winner of the "Sustainable Development" category for the 1500 battery and its comfort harness

PAYSALIA - 2017

SETT d'Or for the 1500 battery and its comfort harness

SETT - 2017

HARNESS - THE ESSENTIALS

 ERGONOMIC

 ADAPTABLE

 PATENTED

 TOUGH



ERGONOMIC

COMFORT HARNESS

- The weight is perfectly distributed over the key back support areas: 70% of the weight rests on the hips, with only 30% on the shoulders.
- The intuitively adjustable settings of the entire carrying system, from the straps to the metal backbone, can be reconfigured to suit any body shape and working style. Can be adjusted to 7 levels, high battery carrying position recommended.
- Back pivot designed to leave the shoulders completely free to move.
- Easy Clip system

750 HARNESS

- Developed to maximize freedom of movement, without a lap strap. Double-attachment safety mechanism on its ergonomic handle, specially designed for pruning.

COMMON TO ALL 3 HARNESSES

- Unparalleled comfort, allowing longer working time.



ADAPTABLE

COMFORT HARNESS

Suitable for ULiB 1500, 1200, 750 batteries and compatible with the 1100 and 700 models using an adaptor plate.

ALPHA HARNESS

Allows for batteries integrated into Alpha tools to be adapted into backpack batteries compatible with all PELLENC tools.





PATENTED

3 PATENTS:

COMFORT HARNESS

1. Overall design of the carrying system.
2. X-shape belt configuration: optimal thickness for perfect size matching.

COMMON TO ALL 3 HARNESSES

3. Sliding chest loop, adjustable up or down, suitable for women.



Designed in partnership with extreme hiking professionals.


TOUGH

- Designed for intensive professional use.
- Assists professionals over long work sessions.
- Belt composed of a thick, uniform, foam block, reducing wear.

PRODUCT ADVANTAGES

750 HARNESS

COMFORT HARNESS



Control straps for holding the battery securely on the back

Support and cord hook and quick connector

Chest strap compatible with the brush cutter
PELLENC patent

Extension strap for adjusting the battery weight on the hips or the shoulders

New
Adjustable battery height

Stand for holding the assembly upright

Ultra-thick X-shaped belt for all body types with quick tightening/loosening
PELLENC patent

[▶ Comfort harness Video tutorial](#)

COMFORT HARNESS

Control strap



These are optimised to improve user comfort, holding the battery securely on the back, and reducing the load on the lower back.

Stand



The stand allows you to place your harness with its battery on the ground in an upright position in order to sustainably protect the battery from potential impacts on the ground.

Metal backbone



It slides to allow the user to adjust the position of the battery to 7 different levels on the harness. Adapts to all body types and working habits (operator in a standing or leaning position).

COMFORT HARNESS, ALPHA AND 750

Comfort harness extension kit



Consisting of an additional extension for the existing lap belt and a replacement chest strap.

Cord hook



To hold the cable within reach. Clips onto either the right or left brace.

Quick connector



ALPHA HARNESS

Chest strap compatible with the brush cutter

PELLENC patent

Extension strap for adjusting the battery weight on the hips

Ultra thick belt with quick tightening/loosening

Support for quick connector or cord hook for cable routing



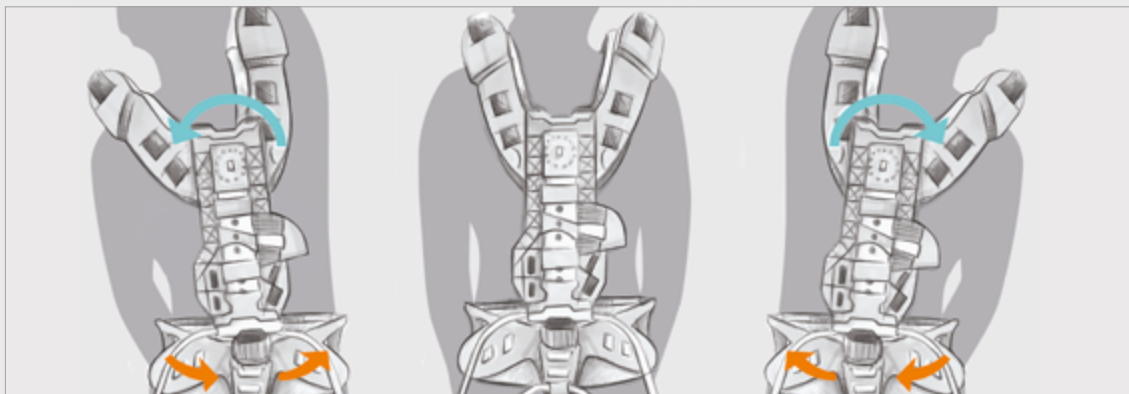
ON/OFF button

Connectors

[▶ ALPHA harness Video tutorial](#)

Back adjustment (comfort harness)

Rotatable pivot between the shoulder blades: the shoulders are free, the battery stays in place.



TECHNICAL FEATURES

	COMFORT HARNESS	750 HARNESS	ALPHA HARNESS
Weight - kg	1.5	0.8	1.4
Battery compatibility	1500, 1200, and 750 batteries Adaptor plate for 700 and 1100 batteries	750 batteries	Alpha 260 and 520 batteries
Harness adaptor kits	AIRION 3 strap and EXCELION 2000 carrying strap		





ENERGY MANAGEMENT

TAILOR-MADE BATTERY CHARGING



To ensure battery life and durability, PELLENC offers you charging systems for each battery in the range.

PELLENC chargers offer smart charging for optimal battery life management. Standard or quick chargers, the range also includes a solar charger and a multi-battery charging station. The energy stored in the PELLENC batteries can be used to power other 230 VAC electric tools.

PRODUCT ADVANTAGES





SOLERION SOLAR CHARGER

AN INEXHAUSTIBLE SOLAR RECHARGING SYSTEM

Work efficiently and in harmony with nature with the solar charger for use with solar panels.

The Solerion solar charger adapts to solar panels that meet certain specifications and makes the most of solar energy to optimally recharge the battery and ensure the constant productivity of PELLENC tools.

TECHNICAL FEATURES

Technical features of the solar panels adaptable to the Solerion solar charger:

- MC4 solar panel sockets
- Voc (open circuit) voltage = 42V +/-2V Vmp voltage (typical) = 36 V
- I_{max} input = 8A, sequential battery charging per battery.

The PELLENC after-sales service remains at your disposal to study your needs.

PRODUCT ADVANTAGES



STANDARDS

1.2 A - 2.2 A - 3.75 A

Once the battery is completely discharged, the tool stops automatically and the battery buzzer beeps intermittently. There are 3 models of standard chargers: 1.2 A - 2.2 A - 3.75 A max. depending on your needs. The charging time depends on the battery level, the charging environment (dry and ventilated area, protected from dust and with a temperature of between 10° C and 25° C) and the age of your battery.



“QUICK CHARGER”

The 7.6 A quick charger will be useful for boosting the battery charge. With the quick charger, the charging time of the ALPHA 260 and 520 batteries is reduced on average from 1 hr 45 to 2 hrs 30, while 30 minutes to 1 hour is enough to reach 70% capacity. The faster a battery cell is charged, the faster it ages.



AN EXCEPTIONAL SERVICE LIFE

Intelligent charging system that optimises the service life. The batteries enter a discharge cycle after 10 days of non-use, for optimal storage over 24 months. You just need to remember to store the batteries fully charged. PELLENC lithium-ion batteries do not suffer from memory run-down

STANDARD OR QUICK CHARGERS

MAINS CHARGERS OPTIMISE BATTERY LIFE

Choose your charge and optimise the service life of your batteries.

The three standard PELLENC chargers have a smart communication system which recognises the PELLENC battery. They offer managed charging, which optimises the service life of the battery. The battery cells are charged all at once, unlike many other portable battery packs. Together with the Balance System built into the battery's electronic programming, the cells are fully balanced and receive equivalent current to restore maximum power levels throughout their long lifespan.

TECHNICAL FEATURES

CHARGER AND BATTERY CHARGING TIME

CHARGERS*	250	ALPHA 260	ALPHA 520	750	1200	1500
1.2 A max. standard charger	6 hrs	-	-	15 hrs 30	24 hrs	30 hrs
2.2A max. standard charger	3 hrs 30	3 hrs 45	6 hrs 30	9 hrs	15 hrs	18 hrs
3.75A max. standard charger	-	2 hrs 45	4 hrs 30	5 hrs	10 hrs	12 hrs
Quick Charger 7.6 A max.	-	(70%) 0 hrs 30 (100%) 1 hr 45	(70%) 1 hr 00 (100%) 2 hrs 30	3 hrs	(90%) 4 hrs 00 (100%) 5 hrs 30	(90%) 5 hrs 00 (100%) 7 hrs 00
SOLERION solar charger: 600 W/m ² sunlight	3 hrs 20	2 hrs	4 hrs	5 hrs 45	9 hrs 10	11 hrs 30
SOLERION solar charger: 1000 W/m ² sunlight	3 hrs 20	1 hr 10	2 hrs 20	3 hrs 20	5 hrs 10	6 hrs 30

* Charging time calculated in optimal conditions. Refer to the battery instructions for conditions. The indicated charging times are those required to reach a 100% charge. The batteries can be charged at any time, with no risk of a memory run-down effect.

PRODUCT ADVANTAGES



“The Power Converter converts the direct current from the battery into a **maximum of 230 V/1,000W** alternating current.”



POWER CONVERTOR

YOUR BATTERY BECOMES A GENERATOR



BATTERY LIFE

Autonomy at all your work sites.
Uses the battery power of PELLENC batteries.



MULTIFUNCTION

Compatible with tools and devices that use mains current $\leq 1000W$ (drills, angle grinders, etc.)
Compatible with all PELLENC batteries.



COMPACT

In its efforts to give you the best possible support in your work, PELLENC has created the Power Converter 1000, on which any electrical device can be used independently.

Combined with a PELLENC battery, the Power Converter is the solution for using the energy stored in your batteries. Just like plugging into any electrical supply distribution system, the output voltage can be used to run tools with a power requirement of less than 1,000 W, such as drills, jackhammers, or small household appliances.

TECHNICAL FEATURES

	POWER CONVERTOR	
Rated power - W	1,000	
Maximum power - W	2,000	
Input voltage - VDC	36 - 52	
Maximum input voltage - A	55	
Output voltage (VAC +/- 5% pure sine wave)	230	
Output current to 1000 W maximum - A	4.5	
Output frequency - Hz	50	60
Weight - kg	2.3	
Battery compatibility	250 - Alpha 260 - Alpha 520 - 700 - 750 - 1200 - 1500	



[Tutorial Video](#)

Caution: do not plug the Power Converter 1000 into an electrical supply distribution system.



CHARGING
STATION



PELLENC
1500
700
CE
Warning symbols: High Voltage, No Open Flame, No Smoking



PELLENC

CHARGING STATION

OPTIMAL MANAGEMENT OF ALL YOUR BATTERIES

—
Organise your charging and save time with the charging cabinet, which can hold up to 10 battery chargers.

PELLENC Charging Station can handle several batteries charging at once, and suspend, maintain, or defer the charging of each of the batteries individually.

Its dashboard shows the savings in CO₂ emissions, and thus in euros, compared to the use of petrol. It is a connected device, able to send statistics to the equipment plant manager by e-mail. It allows for controlled consumption, reduced operating costs, and remote monitoring of actual battery use.

CHARGING STATION

CHARGING STATION - THE ESSENTIALS



OPTIMISED TIME



CONNECTED



SAFE



COST EFFECTIVE

OPTIMISED TIME

- Centralises the management of all your batteries and optimises their charging time.
- Keeps the batteries charged.
- Quick display of charge level lets you save time on battery availability*.



CONNECTED

- Battery charging activity reports.
- Several adjacent Charging Stations can be managed from a single interface.
- Customisable configuration: equivalent price and consumption of petrol, exchange rates, etc.
- Statistical data sent by email (requires Wi-Fi).



* Some "old generation" batteries, known as "non-communicating" batteries, do not allow the feedback of information such as the battery charge rate on the application.



SAFE

- Neat battery charging area.
- No power strips.

COST EFFECTIVE

- Up to 10 batteries charged at once, including 2 at maximum speed.
- Defers battery charging to off-peak electricity times.
- Allows 10 chargers to be connected to a dedicated 16A power supply (no need to resize the electrical installation)

PRODUCT ADVANTAGES

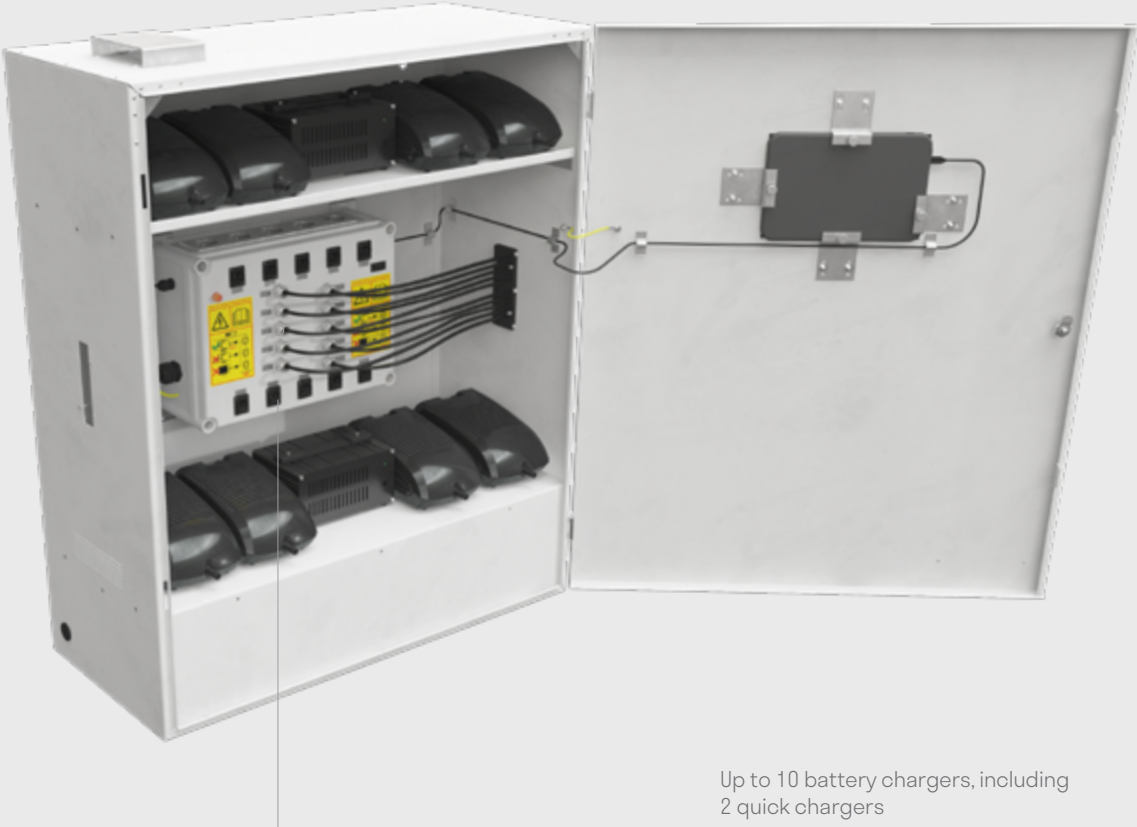
2-YEAR WARRANTY



Touch screen access to the Charging Station app.

[▶ 3D animation Video](#)

[▶ Tutorial Video](#)



Up to 10 battery chargers, including 2 quick chargers

Non-contractual photos - chargers not included



Viewable data:

- Actual consumption of the cabinet
- Savings in CO₂ compared to a petrol tool
- Savings in euros compared to a petrol tool

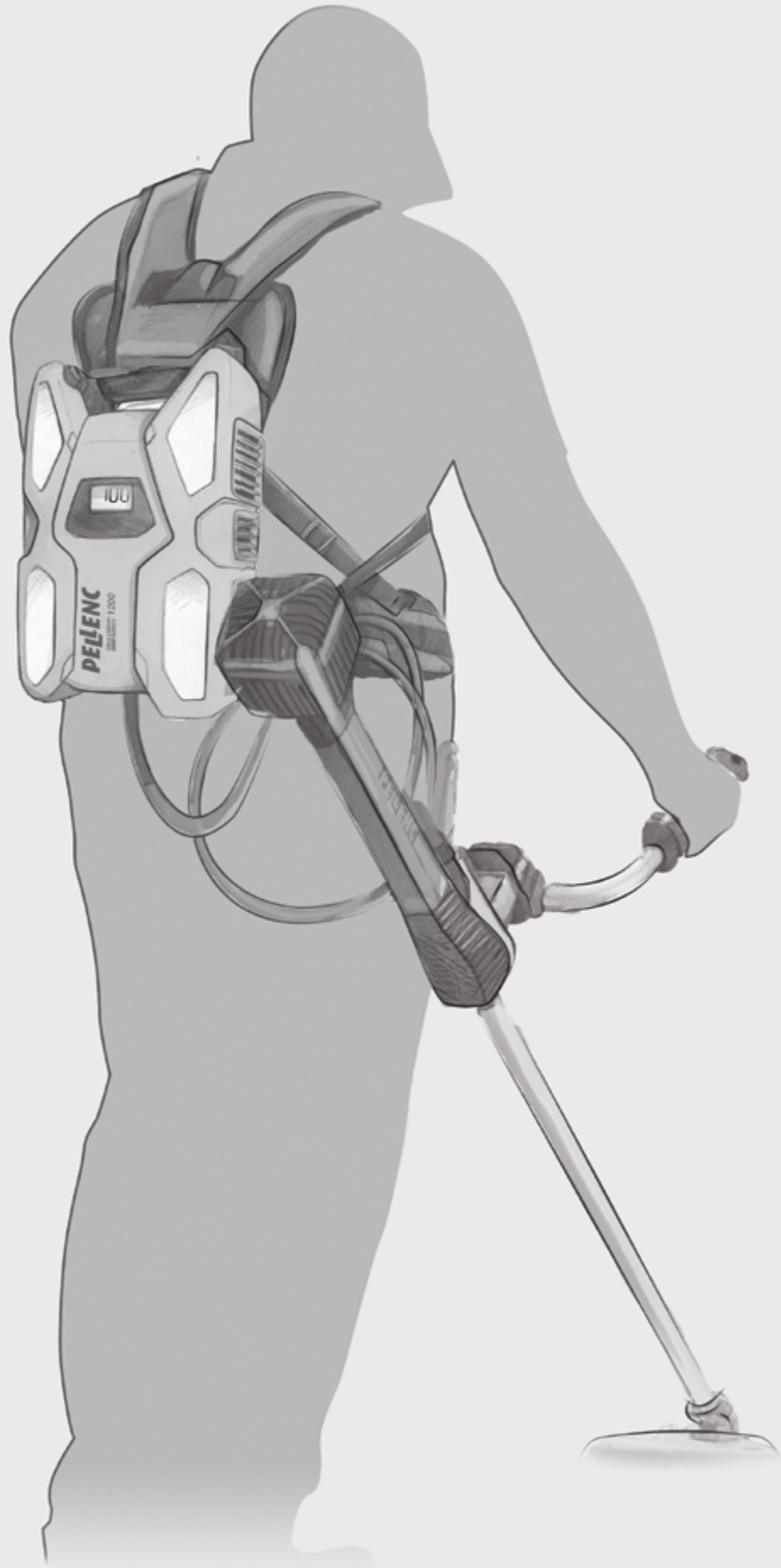


Real-time battery management:

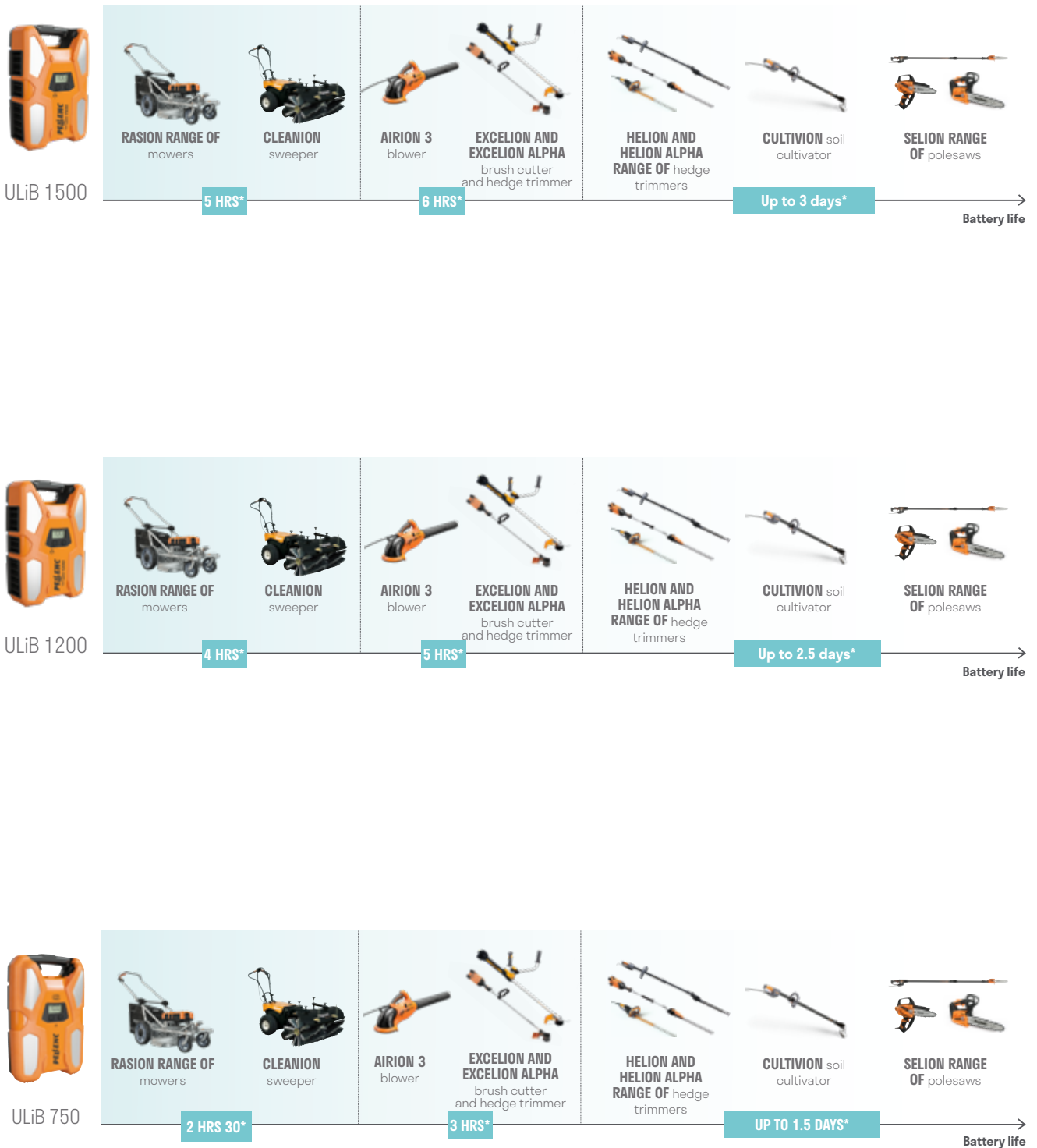
- Charge one or more batteries ▶
- Put one or more batteries on deferred charging ⌚
- Put the charging on hold ||
- Maintain the charging of one or more batteries ⬆️⬆️

TECHNICAL FEATURES

	CHARGING CABINET
Capacity	10 battery chargers (including a maximum of 2 quick chargers)
Dimensions (L x H x W) - cm	81 x 98 x 39
Weight without charger - kg	75
Weight with 10 chargers - kg	90

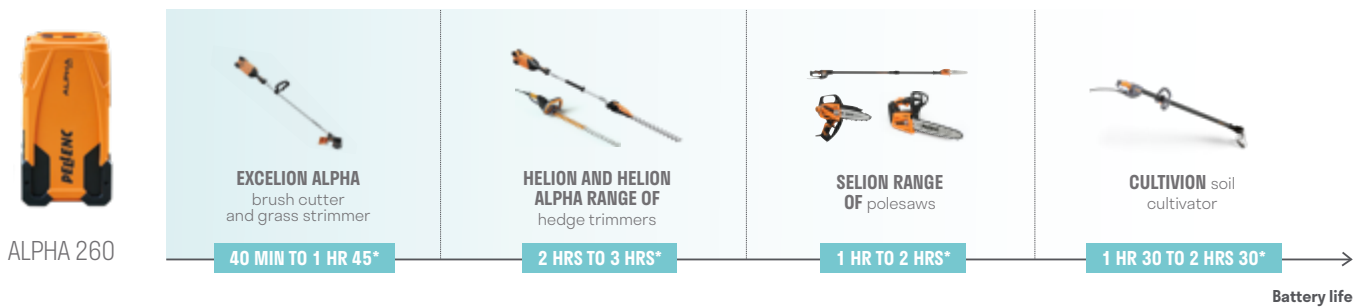
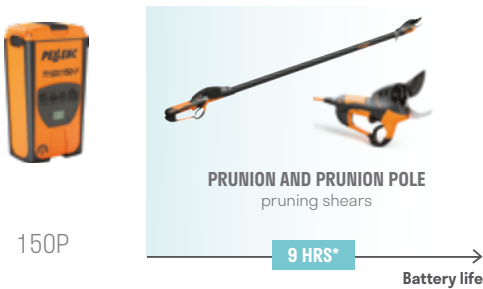


BATTERY LIFE - PELLENC RANGE OF MULTIFUNCTION BATTERIES



* Total working time for average professional use.
This time includes tool stoppages inherent to the job.

A RANGE OF MULTIFUNCTION BATTERIES



* Total working time for average professional use. This time includes tool stoppages inherent to the job.

A BATTERY OF ADVANTAGES



	150P	250	ALPHA 260	ALPHA 520	ULIB 750	ULIB 1200	ULIB 1500
Weight (without harness) - kg	0.845	1.68	2.5	3.6	4.5	6.3	7.5
Voltage - V	43.2	43.2	43.2	43.2	43.2	43.6	43.6
Capacity - Ah	3.0	5.8	6	12	17.25	28	35
Stored energy - Wh	130	250	260	520	745	1221	1527
Average service life - Cycles	800	1,000	800*	800*	800**	1,300**	1,300**
Charging time to 100% - hrs	8	5	3 hrs 45 (2.2A) 2 hrs 45 (3.75A)	6 hrs 30 (2.2A) 4 hrs 30 (3.75A)	(90%) 7 hrs 30 (100%) 9 hrs (2.2 A)	10 (3.75A)	12 (3.75A)
Quick charge to 100% Quick Charger 7.6 A - hrs	-	-	(70%) 0 hr 30 (100%) 1 hr 45	(70%) 1 hr 00 (100%) 2 hrs 30	(70%) 1 hr 30 (100%) 3 hr 15	(90%) 4 hrs (100%) 5 hrs 30	(90%) 5 hrs 00 (100%) 7 hrs 00

ALPHA HARNESS



The harness lets the user carry the Alpha batteries on their back and power other PELLENC tools. Weight: 1.4 kg

ref: 57194

ADAPTOR PLATE



BATTERY 700 or 1100 adaptor plate.

ref: 139091

ALPHA CHARGING DOCK



Wall kit for charging Alpha batteries.

ref: 57240

STORAGE BOX



Storage box that can contain 1 ULiB battery (400, 700, 750, 1100, 1200, 1500) or 2 Alpha batteries (260, 520) + 1 charger.

ref: 118544

* On slow or quick charging.

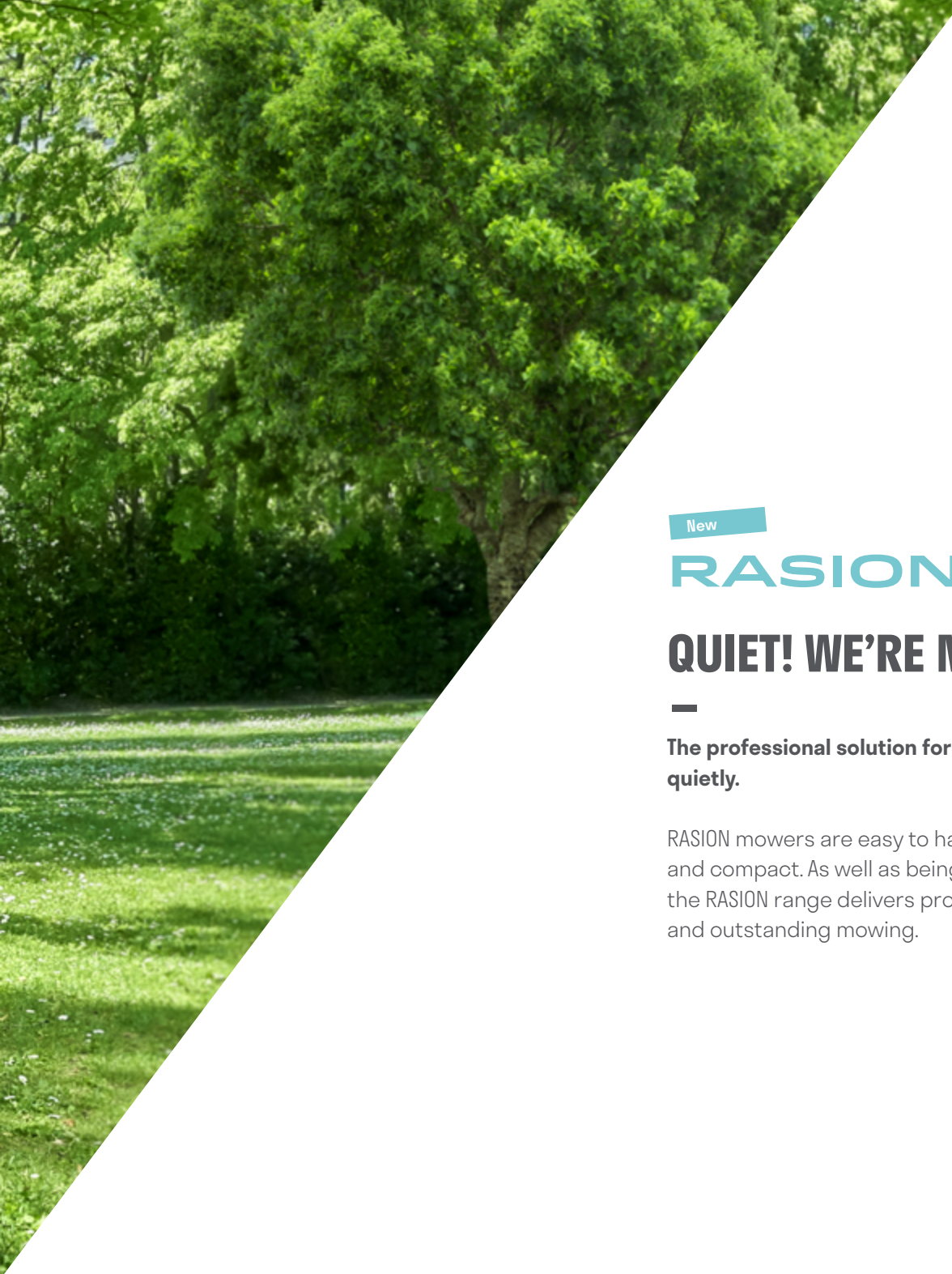
** On slow charging only.



RASION 2

PELESEN

RASION 2



New

RASION 2

QUIET! WE'RE MOWING!



The professional solution for mowing the lawn quietly.

RASION mowers are easy to handle, lightweight, and compact. As well as being easy to transport, the RASION range delivers professional power and outstanding mowing.

MOWING

BRUSH CUTTING

CUTTING

PRUNING

WEEDING

CLEANING

SERVICES

RASION 2 - THE ESSENTIALS

Testimonial



PRODUCTIVE



BATTERY LIFE



ERGONOMIC



DURABLE

We are located in the Vaucluse region of France at our customer's secondary residence, which sits on a 40-hectare estate. This year we tried the Rasion 2, whereas before we were using petrol mowers. The Rasion 2 is clearly different. Firstly, it is so much quieter that we no longer have to wear ear defenders. And we can go about our work without disturbing the customers. The machine is very easy to handle and ergonomic. We can go anywhere on the estate and easily manoeuvre around the trees. It is also pleasantly light—less than 30 kilos—which makes it easier to climb up or down steps at a work site.

Pierre Yves Duminil Team leader at The Castellane Gardens (France) Creation & maintenance of green spaces

PRODUCTIVE

- Dual counter-rotating blades: 3,000 to 5,000 rpm.
- Slim steel blades with high tensile strength.
- Optimised automatic unblocking system
- **NEW** Reverse rotation of the blades.
- Enables the removal the excess grass from the housing during start-up.
- Heat dissipation
- **NEW** IMS circuit board** derived from LED technologies.
- Increases the electronic capacity and improves heat exchange, while extending the limits of the machine.



BATTERY LIFE

- Up to 5 hours of maintenance mowing or 5,400 m² with the 1500 battery





ERGONOMIC

- The Zero Turn assisted handling system making it easy to turn 180° thanks to the front swivel wheels and the reverse rotation of the rear wheels.
- **NEW** 40 mm non-slip and notched single front wheels for easy stability and smooth running.
- **NEW** 2 front-wheel locking positions: swivel wheels or guided steering to manage slopes.
- Centralised cutting height adjustment: manual or electronic from 25 to 75 mm.
- Exceptionally low vibration rate
- **NEW** Vibration rate of 0.7 m/s² (compared to 4.5 m/s² for a petrol mower).
- Vertical storage and cleaning position -
- Lightweight: <28kg (without grassbox and battery).
- Reduced operating noise (91 dB at cutting speed 3 and 93 dB at maximum power)

DURABLE

- No management or consumption of fuel, which avoids clogging and reduces maintenance.
- Low power consumption thanks to very high motor efficiency of 93%.
- Low noise and no unpleasant odours, making it possible to work in populated areas and at all times of the day.
- The wheels can be locked against the cutting deck to protect the mower during transport.

PRODUCT ADVANTAGES

RASION SMART 2 SELF-PROPELLED MOWER



RASION EASY 2 SELF-PROPELLED MOWER



IMS circuit board derived from LED technologies. Increases the electronic capacity and improves heat exchange, while extending the limits of the machine.

INTUITIVE STEERING

4 ground speeds

3 automatic blade-rotation speeds and ICC* available as an option

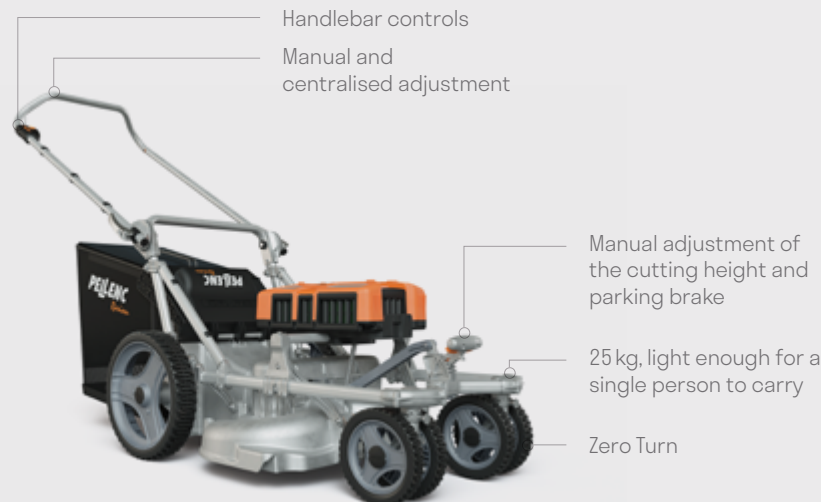
▶ SMART 2
Video tutorial

▶ EASY 2
Video tutorial

▶ SMART 2
3D animation

▶ EASY 2
3D animation

RASION BASIC PUSH MOWER



▶ Marketing Video

▶ Getting started Video

*Intelligent Cutting Control - PELLENC patent



**WATERPROOF
TOOL**

2-YEAR WARRANTY

THE ADVANTAGES OF PELLENC

RASION EASY 2 & SMART 2



3D animation
IMS circuit board

Heat dissipation

NEW IMS circuit board* derived from LED technologies.

Increases the electronic capacity and improves heat exchange, while extending the limits of the machine.



3D animation
Wheel motor

Silent wheel motor

NEW Directly driven Brushless wheel motor. 91 dB at cutting speed 3 and 93 dB at maximum power



Cutting adjustment

Manual adjustment of cutting height and parking brake (automatic adjustment on the SMART)



Precision manoeuvring

Zero Turn system: swivel wheels for precision manoeuvring between planting beds. Mow in straight lines on slopes by activating the front wheel turning lock.



Optimised automatic unblocking system

NEW Reverse rotation of the blades. Allows excess grass to be removed from the housing while keeping the mower running in front wheel locking mode.

RASION SMART 2



Electronic control panel

Mono-arm, electronic control panel for adjusting cutting height, ground speed, and cutting speed.



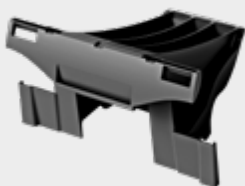
Mowing comfort

The ICC** blade-rotation regulator adjusts speed based on the density of the grass.

*Insulated Metallic Substrate **Intelligent Cutting Control.

ACCESSORIES & CONSUMABLES

MULCHING KIT



For a perfect cut, with no collection.

ref.: 57154

ALPHA 520 SUPPORT KIT



Lets you use the 520 Alpha battery with RASION mowers.

ref.: 57194

700 OR 1100 BATTERY ADAPTOR PLATE.



BATTERY 700 or 1100 adaptor plate.

ref.: 139091

UNIVERSAL BLADE MAINTENANCE KIT



Set of steel blades with high tensile strength for collection and mulching.

ref.: 134104 (as standard on Rasion Basic 1, available as an option on Rasion Easy and Easy 2)

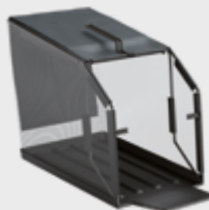
COLLECTION BLADES MAINTENANCE KIT



Set of steel blades for collection.

ref. 131404 (as standard on Rasion Easy 2 and Smart 2, available as an option on Rasion Basic 1)

GRASSBOX



The 70-litre grassbox holds more than 10 kg of finely cut grass.

net ref.: 145870
frame ref.: 132191

RASION BASIC 1 CONNECTION CABLE



Cable for connecting the 1500,1200, or 750 battery to the RASION Basic 1

ref.: 57239

RASION EASY 2 AND SMART 2 CONNECTION CABLE



Cable for connecting the 1100, 700, 400 battery to the RASION Easy 2 or Smart 2.

ref.: 57245

TECHNICAL FEATURES

	BASIC 1	EASY 2	SMART 2
Cutting width	60 cm		
Flexible grassbox	70 litres		
Weight without battery, without grassbox	25 kg	28 kg	30 kg
Battery life with the ULiB 1500 battery	5,400 m ²		
Maximum cutting power	1,100 W	1,600 W	
Guaranteed sound power level L _{WA} dB(A)	92 dBA	93 dBA	
Sound pressure level L _{pA} dB(A)	84 dB	83.5 dB	
Vibrations (a _h)	0.7 m/s ²		
Collection blades as standard	2		
Blade speeds	4 or 3	4 or 3 + ICC* available as an option	4(4+1 ICC*)
Rotational speed of the blades	3,000 to 5,000 rpm		
ICC* infra-red vegetation detector	No	Available as an option	Yes
Boost --> 5,000 rpm	Yes		
6 cutting heights	25/35/45/55/65/75 mm		
Centralised height adjustment	Manual		Electronic
Mulching kit: blades and plug	Available as an option		
Ground speeds	Pushed	Self-propelled 2/3/4/5 km/h	
Front wheel locking	Free or locked position		
Casing	Cast aluminium		
LED control panel	No		Yes
Zero Turn	Yes		
Immobiliser in vertical position	Yes		
Automatic unblocking mode	No	Yes	
Parking brake	Manual		electric (semi automatic)
IP54	Yes		





EXCELION 2000

A POWERFUL, LIGHT, MULTI-FUNCTION BRUSH CUTTER

—
The Excelion 2000 brush cutter is designed to make your work easier and provide a solution to all your needs in terms of handing, durability, and balance.

Equally effective for normal maintenance work or intensive cutting, the Excelion 2000 perfectly clears away tall, dense grasses, woody growth, brambles, and shrubs. Quiet and pollution-free, with little vibration when operating, it is comfortable and effortless to use for long periods. It adapts to many uses, with its interchangeable multifunction heads.



Innovation Award
MECANIC SHOW - 2016

Technical Innovation Award
AGRILEVANTE - 2015

3rd prize for innovation
AGROVINA - 2014

1st prize for innovation
PAYSALIA - 2013

Technical Innovation Award
AGRILEVANTE - 2013

2nd prize
AQUIFLOR - 2013

Silver medal
DEMOPARK - 2013

Finalist
SMCL EXHIBITION FOR FRENCH MAYORS AND LOCAL AUTHORITIES - 2013

1st prize for innovation
MIFFEL - 2012

EXCELION 2000 - THE ESSENTIALS

Testimonial

 ERGONOMIC

 MULTIFUNCTION

 LIGHTWEIGHT

 PRODUCTIVE

The Excelion 2000 brush cutter is very easy to use, quiet, light, and durable. Its movable handle makes it compact for transport and it can be easily adjusted to find the ideal working position for the user. Furthermore, for professional users, the different cutter heads offer exceptional work quality.

Lionel Reynaud

Landscapeur at La Tour d'Aigues

ERGONOMIC

- Perfect balance of the tool for improved working comfort.
- The carrying harness supplied with the tool allows great freedom of movement.
- The blade can be changed very quickly: 20 seconds for the City Cut, for instance.
- New user-friendly hook allows quick release of the brush cutter.
- Comfortable Soft Touch handle.
- Quick adjustment of the handlebar to suit the user's body shape; no need for tools.
- Patented PELLENCO system for quick loading of trimmer wire in the head.
- The new TAP CUT 2 cutting head enables loading without opening the head.



MULTIFUNCTION

- 6 different interchangeable blade types to adapt to any work site.
- Two wire heads: manual or semi-automatic.
- Can be used for a variety of brush clearing jobs: tall, dense, or woody growth, brambles, or bushes.
- For intensive cutting, brush cutting, mulching, or sawing branches up to 8 cm in diameter.





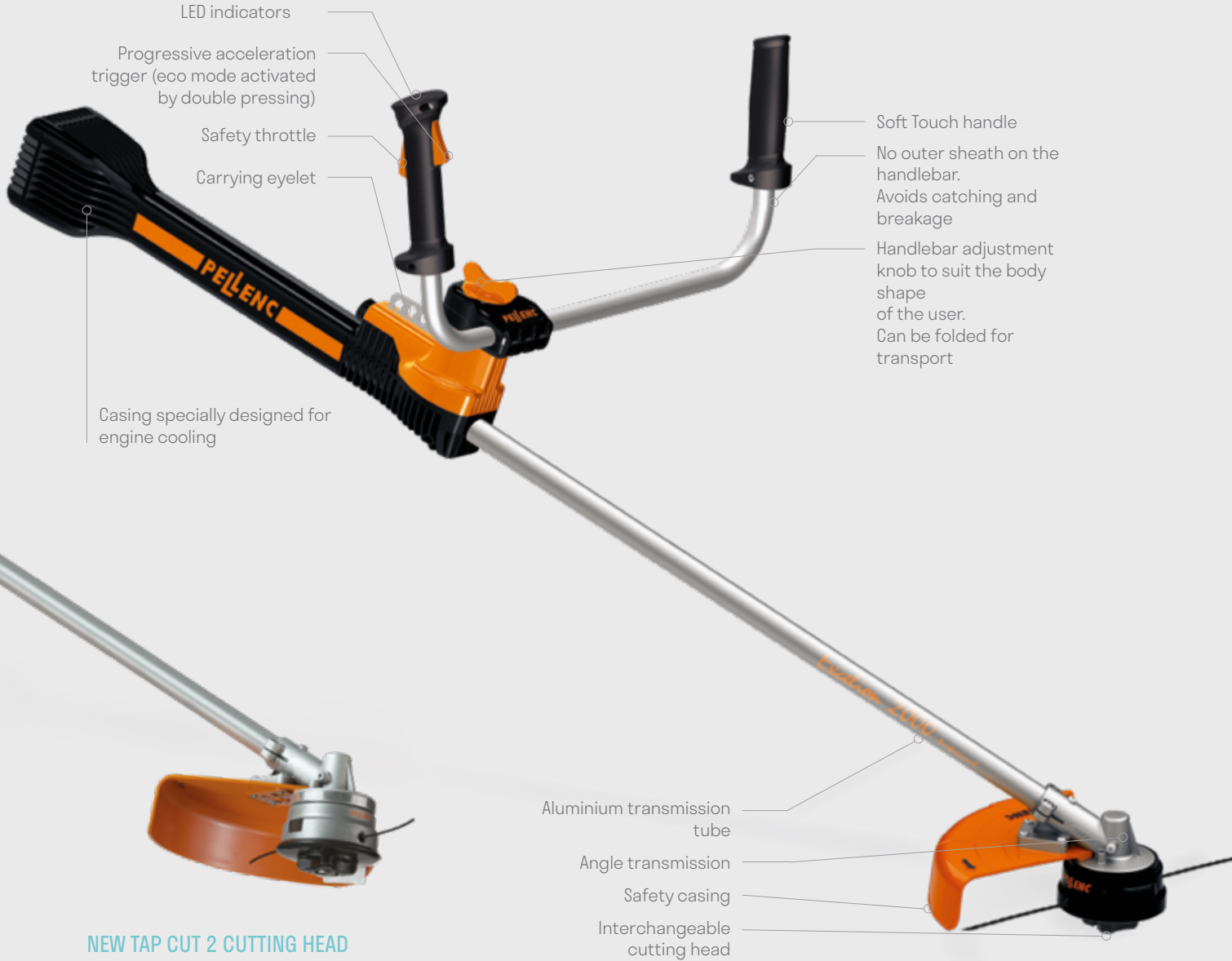
LIGHTWEIGHT

- 25% lighter than an equivalent petrol brush cutter.
- Ergonomic carrying harness as standard, designed to reduce effort for several hours of work.

PRODUCTIVE

- Power equivalent to a 45-cc petrol brush cutter.
- Up to six hours working time in ECO mode with the new 1500 battery.
- No motor maintenance or use of blended fuel means the user saves on costs (minimum €5/day) and simplifies logistics on the ground.
- Adjustable brush cutting rate with two modes: ECO or full power, depending on the type of material to be cut.

PRODUCT ADVANTAGES



LED indicators

Progressive acceleration trigger (eco mode activated by double pressing)

Safety throttle

Carrying eyelet

Casing specially designed for engine cooling

Soft Touch handle

No outer sheath on the handlebar. Avoids catching and breakage

Handlebar adjustment knob to suit the body shape of the user. Can be folded for transport

Aluminium transmission tube

Angle transmission

Safety casing

Interchangeable cutting head

NEW TAP CUT 2 CUTTING HEAD

Angle gears kit and its TAP CUT 2 universal head, for ultra-fast wire loading and reduced vibration (available as an option).

[▶ TAP CUT 2 Video tutorial](#)

[▶ EXCELION 2000 3D animation](#)

[▶ EXCELION 2000 Video tutorial](#)

[▶ EXCELION 2000 Video marketing](#)

Excelion 2000 is delivered without a cutting head, which leaves you free to choose the cutting head best suited to your needs. The carrying kit is delivered as standard, it can be fitted to the comfort harness.

2-YEAR WARRANTY

COMFORT HARNESS



COMFORT HARNESS for battery models 155, 1200, 750, and with an adaptor plate for the 1100 and 700 batteries

ref.: 57183

ADAPTOR PLATE



Adaptor plate for the 700 or 1100 battery

On the comfort harness

ref.: 139091

EXCELION 2000 CARRYING KIT



Fits on the comfort harness

ref.: 135500 (as standard)

THE ADVANTAGES OF PELLENC



Angle transmission (as standard)

This magnesium angle transmission designed by PELLENC is very light and durable, and keeps the machine perfectly balanced. Special attention was paid to keeping the operating noise level to a minimum. In addition, the attachment screws are captive so they won't get lost.



Economy mode

An Eco mode is available on the brush cutter. This brings the dual advantages of extending the machine's operating time and working at lower speed to limit the scattering of debris, which is especially useful in urban environments.



PELENC twisted line

PELENC twisted line significantly improves the performance of the brush cutter, both in terms of energy consumption and noise. It is specially designed to provide high resistance to abrasion, thereby avoiding excessive wire consumption.



Cutting head

The 5 interchangeable cutting heads have been designed to make them easier to use: Blade Cut, City Cut, Roll Cut, Multi Cut, and Tap Cut. The wire loading systems and the blade attachments of the Roll Cut, Cut Tap, and Multi Cut cutter heads are patented.

PELENC patent



Committed to reducing pollution, operating costs, and the use of pesticides.

ACCESSORIES & CONSUMABLES

A CUTTING HEAD FOR EACH USE

WEEDING

With no scattering of debris on loose gravel and stabilised or coated surfaces.

CITY CUT



page 134

Ref. 57098

MULCHING

Tall grass, brush.

BLADE CUT



Blade holder head.

Ref. 57080

+



PROTECTIVE SHIELD

Ref. 111600

+



MULCHING BLADE

Ø 280 mm - Ref. 110281

SAWING

Brush or bushes.

BLADE CUT



Blade holder head.

Ref. 57080

+



ALUMINIUM CASING

Ref. 111500

+



BRUSH CLEARING SAW

Ø 230 mm
Ref. 111700

MOWING

Brush or bushes.

BLADE CUT



Blade holder head.

Ref. 57080

+



STANDARD CASING

Ref. 107533 - As standard

+



THREE-PRONG BLADES

Ø 320 mm
Ref. 114700



TWO-PRONG BLADES

Ø 320 mm
Ref. 110279

Grass and dense vegetation

MULTICUT



Wire and blade head.

Ref. 57075

+



TWO-PRONG BLADES

Ø 255 mm
Ref. 79600



8-TOOTH BLADE

Ø 200 mm
Ref. 85176

BRUSH CUTTING

Grass and dense vegetation.

TAP CUT



Patent

Semi-automatic wire trimmer head.

Ref. 57078

TAP CUT 2



Ref. 57210 Head + angle gears kit

+



TWISTED POLYAMIDE WIRE

56 m / Ø 3 mm shell - Ref. 108911
70 m / Ø 2.4 mm shell - Ref. 79601
347 m / Ø 2.4 mm spool - Ref. 79599
280 m / Ø 3 mm spool - Ref. 117453

Grass and dense vegetation

MULTICUT



Patent

Wire and blade head.

Ref. 57075

+



TWISTED POLYAMIDE WIRE

Tube of 50 strands of 20 cm Ø 2.4 mm
Ref. 79602
347 m / Ø 2.4 mm spool - Ref. 79599
70 m / Ø 2.4 mm shell - Ref. 79601

Grass and dense vegetation

ROLL CUT



Patent

Manual unwinding wire head.

Ref. 57076

+



TWISTED POLYAMIDE WIRE

Ref. cf TAP CUT

OTHER ACCESSORIES



Tube of grease for the angle gears

Ref. 35749



Brush clearing harness for 1100 and 700 batteries

Ref. 110283



Hook for carrying harness

Ref. 119569

TECHNICAL FEATURES

	EXCELION 2000
Max. power - W - Cutting diameter: 340 mm wire - Cutting diameter: 320 mm blade	2,000****
Combustion engine equivalence - cc	45
Weight (excluding cutting tool and casing) - kg	5.4
Max. rotational speed - rpm - Standard mode - Eco mode	2,000 to 6,200 2,000 to 4,200
Wire diameter - Ø	2.4 mm min./3 mm max.
Loading ROLL CUT	Ø 2.4 -> 9 m / Ø 3 -> 6 m
Loading the TAP CUT / TAP CUT 2	Ø 2.4 -> 5 m / Ø 3 -> 3.5 m
Sound pressure level (L_{pA})* - dB(A)	84
Sound power level (L_{WA})* - dB(A)	93
Right handle vibration level (a_{rh})** - m/s ²	1 to 3.9 depending on the head
Left handle vibration level (a_{lh})** - m/s ²	1.3 to 4.5 depending on the head
Interchangeable cutting heads	BLADE CUT / CITY CUT / ROLL CUT / MULTI CUT / TAP CUT / TAP CUT 2
Battery life in Eco mode*** with Ulib 1500	Up to 6 hrs

* Values determined according to the acoustic measurement Standards NF EN ISO 11201 and NF EN ISO 3744.

** According to vibration emission value DIN EN 60745-1:2009 measured with the Roll Cut head ø2.4 wire. - K uncertainty = 1.5 m/s².

*** For information purposes: the times were observed in actual working time, breaks included.
Battery life is influenced by the nature of the work required.

**** Optimum operation will be achieved with a tool with a serial number above 53P00821 and a 700 battery (from serial number 56N07968) or an 1100 battery (from serial number 56N01725) or any other 750, 1200, or 1500 batteries.





EXCELION ALPHA

A SIMPLE AND FAST TOOL TO GET THE JOB DONE

The powerful new Excelion Alpha grass cutter for professionals and its integrated 520 battery compare very favourably with petrol-fuelled machines.

Its new design makes it easy to use while also ensuring manoeuvrability and a quick working pace. Its productivity is convincing with an engine speed of up to 6,400 rpm and an average battery life of 3 hours. Its versatility makes it suitable for mowing tall and dense grass as well as for finishing work.

EXCELION ALPHA

EXCELION ALPHA - THE ESSENTIALS

Testimonial



POWERFUL



ERGONOMIC



ADAPTABLE



BATTERY LIFE

Our teams have been using the new Excelion Alpha grass cutter for the last five months. We use it in various places, such as lawn edges that are difficult to reach with a lawn mower, tree and shrub edges, and rough areas with tall grass where it can move around without any problems. In terms of ergonomics, it is easy to handle, not too heavy, well balanced, and the new carrying strap makes all the difference. In terms of cutting speed, we have just used the first speeds, which are more than enough. The battery life is good. It has become one of our essential work tools. It is discreet and very quiet, while also powerful.

Cédric Michel

Groundskeeper of the Château de la Messardière - Saint-Tropez, France
Excelion Alpha grass cutter

POWERFUL

- Provides a cutting diameter of 400 mm and up to 6,400 rpm with 3 mm wire.

ERGONOMIC

- Carrying strap with position holding.
- Alpha Cut cutting head for fast wire loading

ADAPTABLE

- The harness lets the user carry the Alpha battery on their back to power other tools in the range.
- The counterweight can be clipped on in place of the Alpha battery so that another PELLENC battery (e.g. the 1200) can power an Alpha tool.





BATTERY LIFE

- Range of tools with integrated batteries to meet the needs of professionals.

EXCELION ALPHA + 520 BATTERY



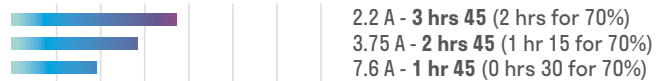
EXCELION ALPHA + 260 BATTERY



1 hr 2 hrs 3 hrs

CHARGING TIME

260 BATTERY



520 BATTERY



1 hr 2 hrs 3 hrs 4 hrs 5 hrs 6 hrs 7 hrs

*Overall working time for professional use at speed 1.
This time includes tool stoppages inherent to the job. Working times reported by users.

PRODUCT ADVANTAGES



Remaining battery-power display and tool start-up

The adjustable round handle can be tilted towards the user or the opposite way

- [▶ Tutorial Video](#)
- [▶ 3D animation Video](#)
- [▶ Marketing Video](#)



**WATERPROOF
TOOL**

2-YEAR WARRANTY

THE ADVANTAGES OF PELLENC



Shoulder strap with load return for maximum comfort over long working sessions.



For mowing tall grass, embankments, ditches, finishing work

TECHNICAL FEATURES

	GRASS CUTTER
Max. power - W	900
Weight (excluding cutting tool, housing, and battery) - kg	2.5
Weight (complete tool with ALPHA CUT and housing, without battery) - kg	3.1
Max. rotational speed - rpm	3 speeds: 4,000/5,800/6,400
Cutting diameter with ALPHA CUT - mm	Ø 400
Wire loading with ALPHA CUT - Ø 2.4 and 3 mm	3.5 m
Progressive trigger	Yes
Cutting heads	ALPHA CUT
*Battery life with the 260 battery	40 min to 1 hr 45
*Battery life with the 520 battery	1 hr 30 to 3 hrs 30
Total tool length (battery > cutting head) - cm	189

*Overall working time for average professional use. This time includes tool stoppages inherent to the job.



Motor + ISM* technology card with increased heat exchange, more power





HELION ALPHA

BREATH TAKING CUTTING POWER

Balanced, the new Helion Alpha professional hedge trimmer has an optimal centre of gravity.

With its on-board 260 battery, it is always ready to use for up to 4 hours of work. This efficient tool provides very high output and can cut through branches of up to 33 mm in diameter. And its quietness will easily win over the last holdouts still using petrol-fuelled tools.

HELION ALPHA

HELION ALPHA BASICS

Testimonial



POWERFUL



ERGONOMIC



ADAPTABLE



BATTERY LIFE

It is a well-balanced machine, with power and cutting speed equal or possibly even greater than what you would get from a petrol motor. The comfort for the user is another selling point for this machine. It is very easy to handle and very precise, even at an arm's length. There is no exhaust, so no fumes or burns. I was also surprised by the long battery life. We tend to think that battery power tools don't last long, but in fact they are better than petrol tools. I was not at all convinced that battery power was for me, but I found what I was looking for in these tools.

Matthieu Gonnu

Helion Alpha pole hedge trimmer
France

POWERFUL

- Mechanics and hedge trimmer blades designed for large cuts with 33 mm tooth opening and 23 mm height.

ERGONOMIC

- Offset hedge trimmer blades for a better working position.
- A well-balanced tool that limits the weight in each hand.

ADAPTABLE

- The harness lets the user carry the Alpha battery on their back to power the other PELLENC tools.
- The counterweight can be clipped on in place of the Alpha battery so that another PELLENC battery (e.g. the 1200) can power an Alpha tool.





BATTERY LIFE

• A range of tools with integrated batteries to meet the needs of professionals.

HELION ALPHA + 520 BATTERY



4-6 hrs

HELION ALPHA + 260 BATTERY



2-3 hrs

CHARGING TIME

260 BATTERY



2.2 A - **3 hrs 45** (2 hrs for 70%)
 3.75 A - **2 hrs 45** (1 hr 15 for 70%)
 7.6 A - **1 hr 45** (0 hrs 30 for 70%)

520 BATTERY

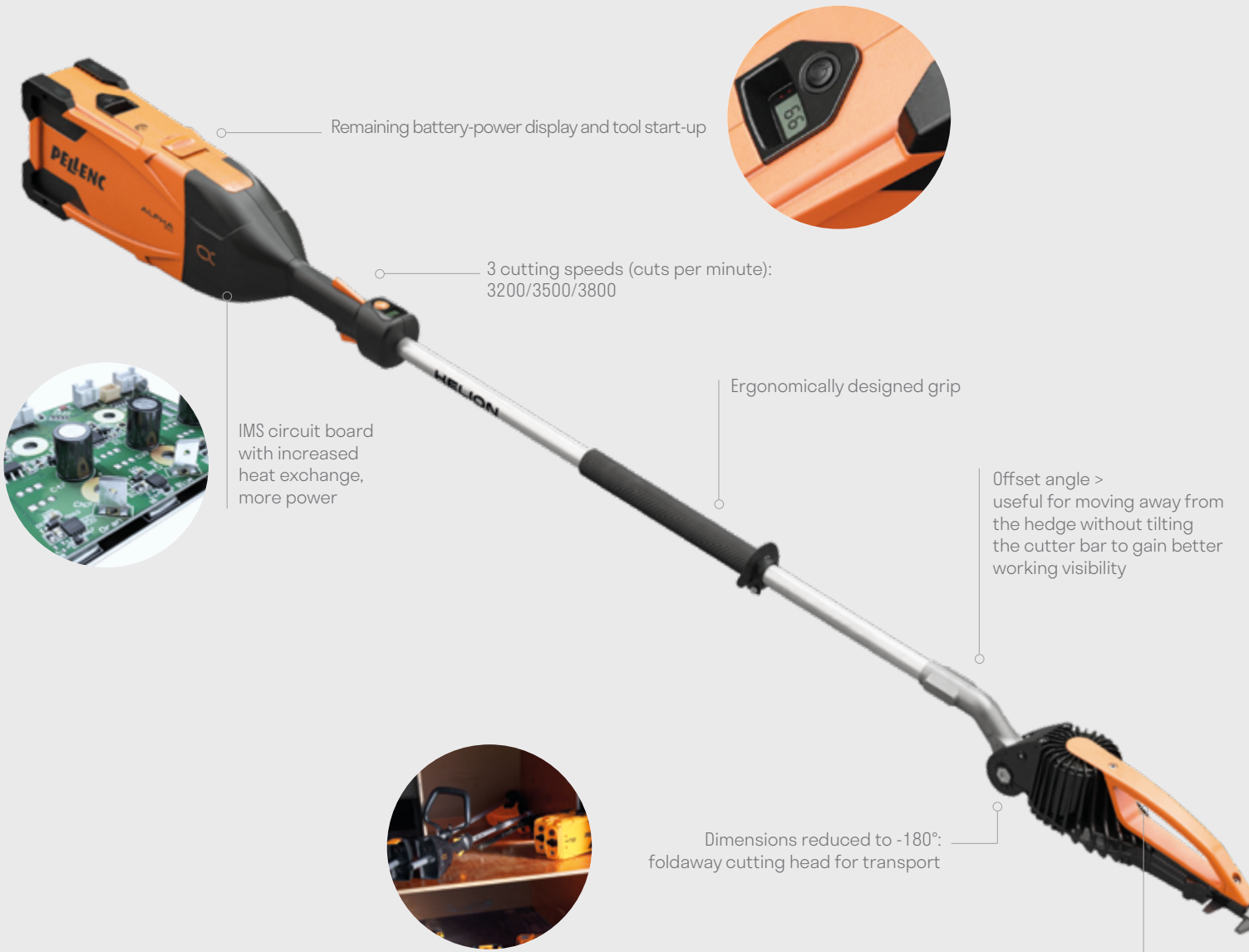


2.2 A - **6 hrs 30** (3 hrs 45 for 70%)
 3.75 A - **4 hrs 30** (2 hrs 30 for 70%)
 7.6 A - **2 hrs 30** (1 hr for 70%)

1 hr 2 hrs 3 hrs 4 hrs 5 hrs 6 hrs 7 hrs

*Overall working time for professional use at speed 1. This time includes tool stoppages inherent to the job. Working times reported by users.

PRODUCT ADVANTAGES



Remaining battery-power display and tool start-up

3 cutting speeds (cuts per minute):
3200/3500/3800

IMS circuit board
with increased
heat exchange,
more power

Ergonomically designed grip

Offset angle >
useful for moving away from
the hedge without tilting
the cutter bar to gain better
working visibility

Dimensions reduced to -180°:
foldaway cutting head for transport

Ergonomic additional handle for
adjusting the hedge trimmer blades

Total tool length: 235 cm

- [▶ 3D animation Video](#)
- [▶ Marketing Video](#)



**WATERPROOF
TOOL**

2-YEAR WARRANTY

THE ADVANTAGES OF PELLENC

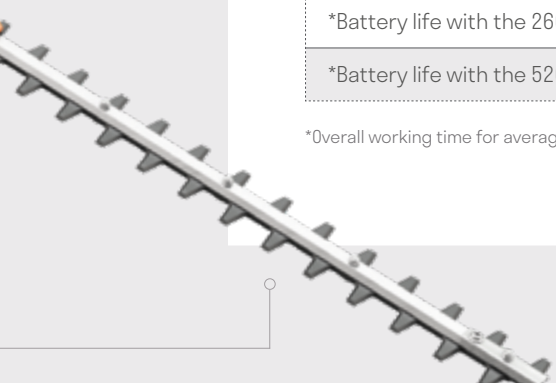


Ergonomic button
Tilt angle: from -90° to +45°: 10 positions

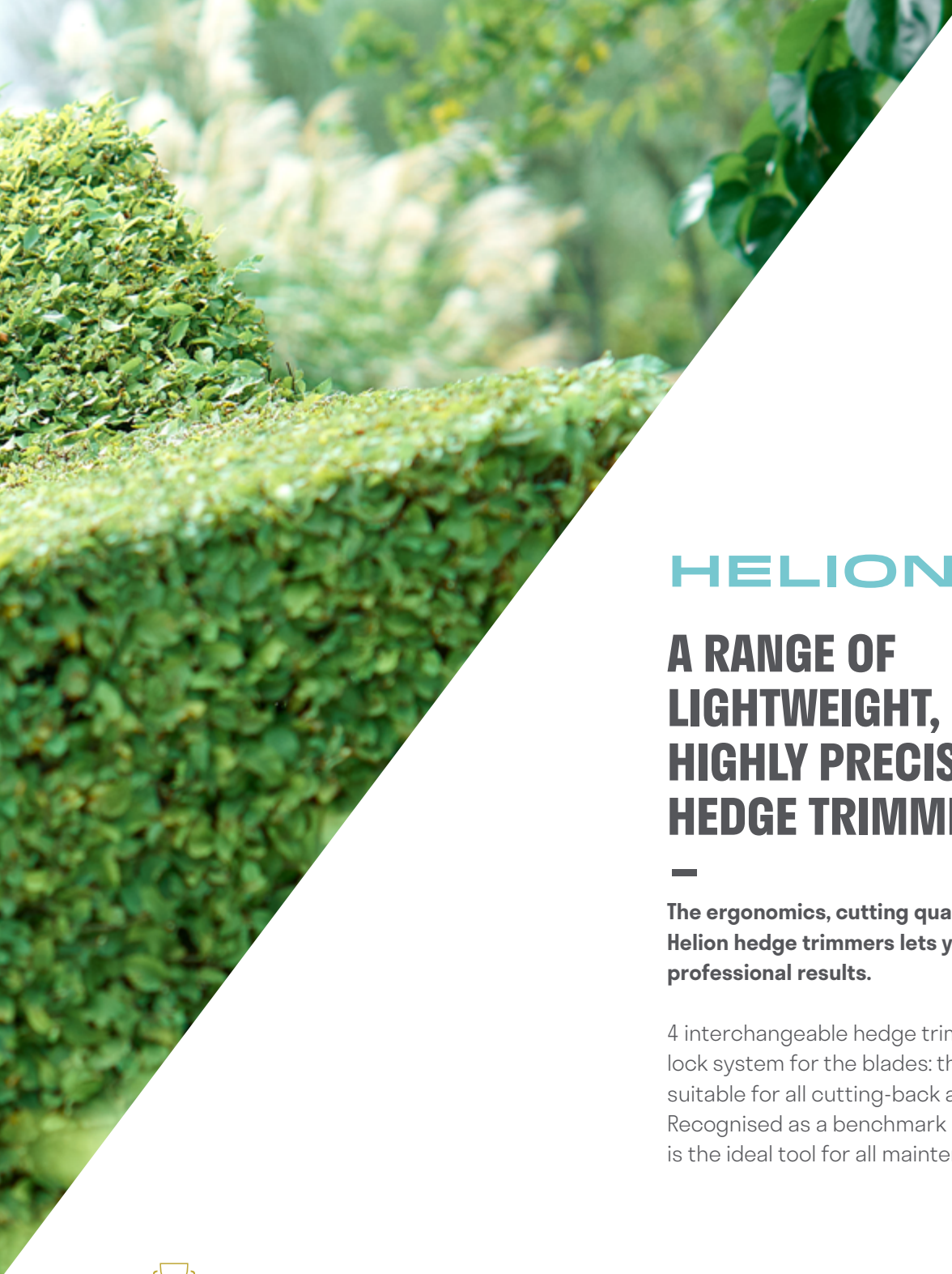
TECHNICAL FEATURES

	HEDGE TRIMMER
Max. power - W	900
Weight (without battery) - kg	3.75
Weight (with the 260 battery) - kg	6.3
Total tool length - cm	235
Cutting speed - cuts / min	3 speeds: 3,200/3,500/3,800
Available cutting length - cm	51
Tooth opening - mm	33
Tine spacing - mm	40
Tooth height - mm	23
Tooth thickness - mm	2.25
*Battery life with the 260 battery	2-3 hrs
*Battery life with the 520 battery	4-6 hrs

*Overall working time for average professional use. This time includes tool stoppages inherent to the job.







HELION 2

A RANGE OF LIGHTWEIGHT, HIGHLY PRECISE HEDGE TRIMMERS

—
The ergonomics, cutting quality, and toughness of Helion hedge trimmers lets you obtain attractive, professional results.

4 interchangeable hedge trimmer blades, anti-lock system for the blades: the Helion range is suitable for all cutting-back and finishing jobs. Recognised as a benchmark product, the Helion 2 is the ideal tool for all maintenance jobs.



1st prize for innovation
PAYSALIA - 2009

Hardware and Equipment Prize
SALON VERT - 2008

HELION - THE ESSENTIALS

Testimonial



PRODUCTIVE



TOUGH



ERGONOMIC



LIGHTWEIGHT

We have a Helion Telescopic hedge trimmer, a Selion pruner, Treelion pruning shears and the 700-model batteries. With these tools, we can do very precise, top-quality work and save a lot of time.

Leonardo Albergati,
Landscaping professional, Orvieto, Italy

PRODUCTIVE

- The blade anti-lock system allows for smooth, uninterrupted work.
- Makes the user's job easier over long periods with a better compromise between vibrations and cutting capacity.
- Effective with cutting power designed for pruning and finishing (Helion 2 Compact).
- The Quick Switch system lets the user switch between the 4 types of hedge trimmer blades in less than a minute.
- One working day's battery life with the UliB 750 battery.



TOUGH

- Blade anti-lock system
- IP54 sealing ensures durability and means the tool can be used in all weather conditions.
- Stainless steel anti-kickback guard.





ERGONOMIC

- Fast Connector system: for rapid tool connection and disconnection: (Helion 2 Compact).
- Soft Touch rotatable handle for ease of handling.
- The blade anti-lock system eliminates the need to force the tool.

LIGHTWEIGHT

- Lightweight, only 3.5 kg with a 63 cm hedge trimmer blade.

PRODUCT ADVANTAGES



HELION 2 COMPACT



HELION Telescopic



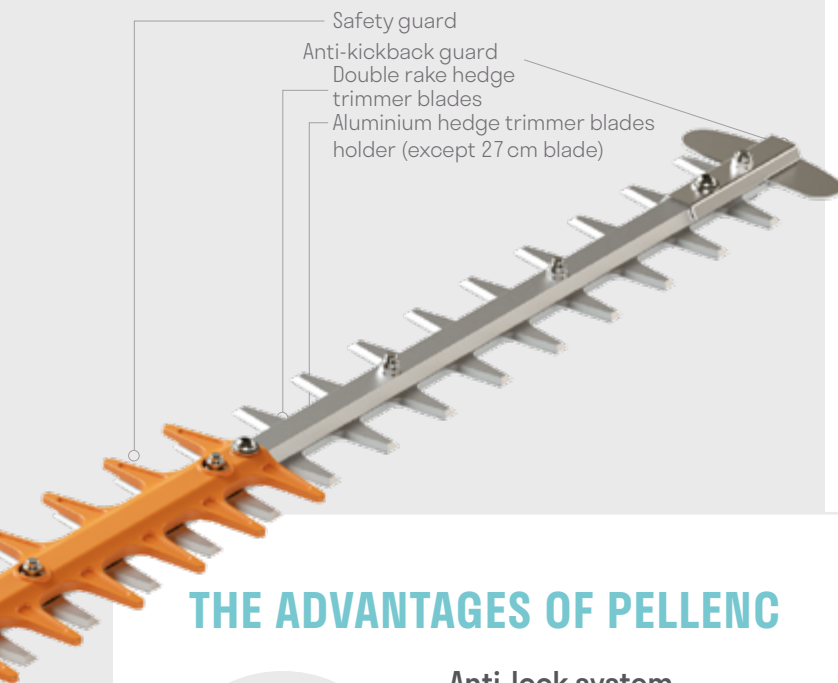
[▶ Video tutorial](#)

[▶ TELESCOPIC Marketing Video](#)

[▶ 3D animation](#)

[▶ HELION 2 Marketing Video](#)

Helion is delivered with no hedge trimmer blade attached. So you can choose the one that best suits your needs.



**WATERPROOF
TOOL**

2-YEAR WARRANTY

THE ADVANTAGES OF PELLENC



Anti-lock system

A unique system reverses the motor's direction of rotation if the hedge trimmer blades get caught in the vegetation. This means it can easily be removed without twisting or breaking the blades.

PELLENC patent



Speed selector

Four speed settings let the user adapt the tool to the type of vegetation. Proper management of the speed selector saves on battery power.



Quick connector system

On the Helion 2 Compact, the Fast Connector allows the user to quickly plug the tool into or out of the battery during work sessions. This key safety feature ensures the worker can get out of any risky or uncomfortable situation fast.



Quick Switch

All the hedge trimmer blades are easily interchangeable. It takes less than a minute to fit or remove a blade.



Pivoting handle

On the Helion 2 Compact, the handle can be pivoted $\pm 90^\circ$ for vertical work without bending the wrist.



Ultra-quick sharpening

The safety guard on the HELION 2 COMPACT can be easily detached for rapid sharpening of the blades



Flexible head

On the Helion Telescopic, the head is adjustable from $+90^\circ/-45^\circ$, so that the user can work in any position.



Tough hedge trimmer blades

Aluminium stiffener and carbon steel blade. Stainless steel anti-kickback guard.

ACCESSORIES & CONSUMABLES

HELION 2 COMPACT HEDGE TRIMMER BLADES



- 27 cm - ref. 57096
- 51 cm - ref. 56205
- 63 cm - ref. 56206
- 75 cm - ref. 56207
- Deflector - ref. 57097 (can be adapted to the 63 cm hedge trimmer blade)

POLE, TELESCOPIC, AND UNIVERSAL HEDGE TRIMMER BLADES



- 27 cm - ref. 57029
- 51 cm - ref. 56202
- 63 cm - ref. 56203
- 75 cm - ref. 56204
- 63D - ref. 57009 (hedge trimmer blades with integrated deflector)

HELION POLE HARNESS CARRYING KIT



Improves working comfort. Attaches to the battery harness.

ref.: 79297

HELION POLE BELT CARRYING KIT



Improves working comfort. Attaches to the belt.

ref.: 74668

COUNTERWEIGHT



For better balance of the hedge-trimmer pole.

ref.: 86669

10.30 M EXTENSION CORD



The male/female extension cord lets the user work with the battery on the ground.

ref.: 100994

GREASE PUMP



The manual grease pump makes it easy to apply the lubricant.

- For 400 g cartridge.

ref.: 68518

BIODEGRADABLE CLEANER FOR RESIN



For cleaning and lubricating the hedge trimmer blade components, with aluminium stiffener.

- 400 ml container.

ref.: 121633

GREASE CARTRIDGE



For lubricating the reduction gear of the hedge trimmer blades.

- 400 g cartridge.

ref.: 115174

TECHNICAL FEATURES

	COMPACT 2	TELESCOPIC
Max. power - W	1,200	1,200
Combustion engine equivalence - cc	30	30
Weight (with 63 cm hedge trimmer blade) - kg	3.5	4.3
Total length - cm	110.5	150/200
Cutting speed - cuts/min.	3,200 to 3,800	3,200 to 3,800
Available cutting length - cm	27 - 51 - 63 - 75 Adaptable deflector for the 63 cm hedge trimmer blade	27 - 51 - 63 - 63 ⁽¹⁾ - 75
Tooth opening - mm	33	33
Tine spacing - mm	40	40
Tooth height - mm	24	24
5-notch pivoting handle	+/-90°	-
Multi-position pivoting cutting head	-	+85°/-45°
Sound pressure level (L_{pA})* - dB(A)	80	83
Guaranteed sound power level (L_{WA})* - dB(A)	92	96
Front handle vibration level (a_{hv})** - m/s ²	3	3.9
Rear handle vibration level (a_{hr})** - m/s ²	3.4	3.4
Quick Switch	•	•
Fast Connector	•	-
4-speed selector switch	•	•
Belt carrying kit	-	•
Harness carrying kit	-	•
Battery life*** with ULiB 1100	Up to 2 days	
IP54	•	-

• As standard hedge trimmer blades with integrated deflector

* Values determined according to Directive 2000/14/EC and acoustic measurement standards EN ISO 11201 and EN ISO 3744 - With H/L 75 and 3800 strokes/min.

** Vibration emission value according to EN 60745-2-15 - Uncertainty $K = 1.5 \text{ m/s}^2$ - With H 75 and 3800 strokes/min.

*** For information purposes: the times were observed in actual working time, breaks included.
Battery life is influenced by the nature of the work required.



Prunion

SEMI-PRUNING

PELLENC



PRUNION

LIGHT, TOUGH, AND POWERFUL PRUNING SHEARS

—
This new generation of pruning shears combines innovation with strength and precision to optimise and assist your pruning for perfect results.

With a total weight of less than 900 grams, the Prunion pruning shears revolutionise tree pruning, and can be used by anyone. Their wide cutting diameter makes them very convenient to use, and the 250 battery boosts your productivity since it means two PELLENC tools can be connected at once.



1st prize for agricultural mechanisation, innovation, and safety

FIERA AGROALIMENTARE MEDITERRANEA - 2017

Technological Innovation Award

ENOVITIS - 2016

Silver medal at the Innovation Awards

SITEVI - 2015

PRUNION - THE ESSENTIALS

Testimonial



LIGHTWEIGHT



PRODUCTIVE



ERGONOMIC



ADAPTABLE

Prunion pruning shears can cut thicker branches, up to a diameter of 40-45 mm. They offer more comfort than manual pruning shears. The 150P battery is lightweight, so you hardly notice it.

Mas de la Cappe,
Arles, France

LIGHTWEIGHT

- The lightest tree pruning shears on the market: 860 g



PRODUCTIVE

- Optimised power for intensive cutting with a high-performance motor: 92%.
- Suitable for all pruning jobs, with a wide cutting diameter (up to 45 mm).
- Long battery life with the 250 battery.
- The blade can be removed in 30 seconds without tools.





ERGONOMIC

- Compact and easy to handle right- or left-handed.
- Optical trigger for intuitive control of the half-opening.

ADAPTABLE

- 4 operating modes (performance, comfort, all or nothing, progressive) to suit any cutting style.
- The dual connector on the 250 battery gives the user the option of alternating between tasks.

PRODUCT ADVANTAGES

PRADINES "PULLING" CUTTING HEAD



Xylan-coated blade, promotes penetration into the wood

PELLENC blade shaft, slack adjustable without tools

PELLENC patent

Sealing plunger: prevents soiling

PELLENC patent

Ergonomic handle universal (left- or right-handed use)

PRADINES

Prunior

PELLENC

Cutting diameter: 45 mm
Blade opening: 67 mm
Electronic management:
Blade crossing
Half-opening
PELLENC patent

Geared motor with remote cooling

PELLENC patent

Opening of the safety guard without tools

PELLENC patent

Waste evacuation

PELLENC patent

Optical trigger

PELLENC patent

- [▶ Tutorial Video](#)
- [▶ 3D animation](#)
- [▶ Marketing Video](#)





EXTRA COMFORTABLE
"BREATHABLE" HARNESS

250 BATTERY

Two connectors for working with two tools

1. Integrated handle
2. Chest strap for lateral carrying of the battery
3. Air flow at the back
4. Cord loops
5. Lithium-ion battery: Four mode settings
6. Battery-life display On-Off
7. Adjustable belt
8. Holster

150P BATTERY

Unrivalled freedom of movement



THE ADVANTAGES OF PELLENC



Universal ergonomic handle

Oval-shaped handle suitable for left- and right-handed use.

PELLENC patent

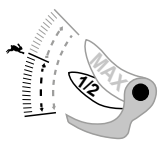


Optical trigger

For intuitive control of the half-opening.

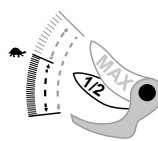
PELLENC patent

Four operating modes



PERFORMANCE MODE

Fast steady with blade half-opening



COMFORT MODE

Steady with blade half-opening



ALL-OR-NOTHING MODE

Fast with blade half-opening



PROGRESSIVE MODE

Fast without blade half-opening

ACCESSORIES & CONSUMABLES

PRUNION BLADE KIT



Pradines blade.

ref.: 122991

CUTTING HEAD PIN KIT



Full kit, including:

- 1 blade pin
- 1 washer
- 1 locking plate
- 1 clamping thumb wheel

ref.: 123762

TUBE OF GREASE



High-performance grease for lubricating the cutting head.

ref.: 35749

SHARPENING STONE



For cleaning and protecting your sharpened cutting tools.

Sold as standard - ref.: 02322

HOLSTER



Attaches to the belt so the user can keep the pruning shears within reach.

Sold as standard - ref.: 118398

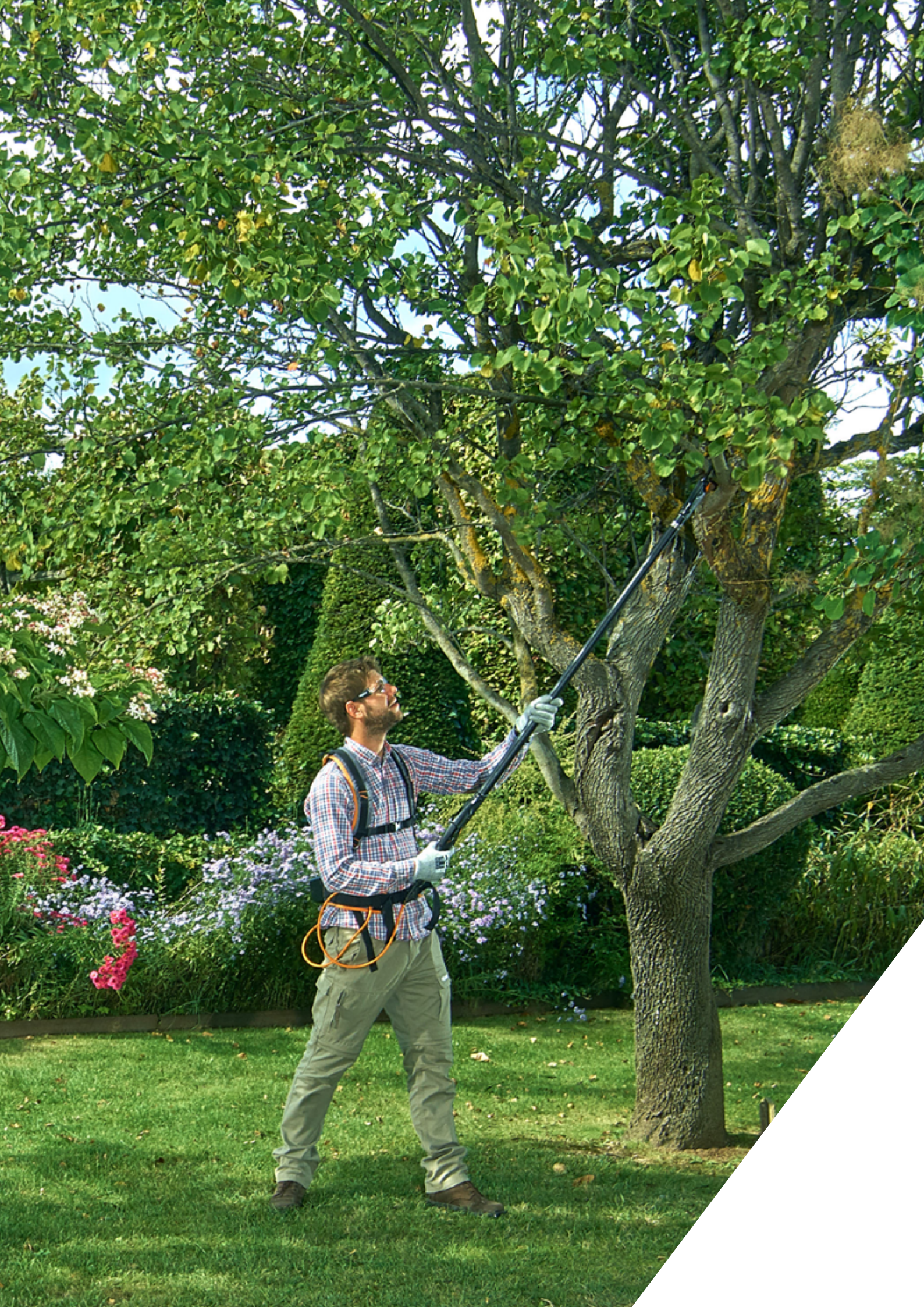
TECHNICAL FEATURES

	PRUNION
Weight - g	860
Motor speed - rpm	21,000
Length - mm	298
Dimensions of the oval-shaped handle (H x L) - mm	40*38
Blade opening - mm	67
Cutting diameter - mm	45
Compatible batteries	150P/250
Battery life with the 150P battery*	9 hrs
Battery life with the 250 battery*	12 hrs
Optical trigger	•
Automatic standby mode	•
The blade can be removed without tools	•
Motor cooling system	•
Holster	•
Carrying case	•

• As standard * For information purposes: the times were observed in actual working time, including breaks.
Battery life is influenced by the nature of the work.

	150P BATTERY	250 BATTERY
Weight - g	845	1,680
Maximum power - W	1,728	1,728
Average service life - Cycles	800	1,000
Carrying	Belt	Harness
Average battery life - PRUNION	9 hrs*	12 hrs*
Average battery life with Prunion + M12 chainsaw	-	9 hrs*
Charging time 1.2A	-	6 hrs
Charging time 1A	8 hrs 30	7 hrs
Multi-tools mode	-	•
Management of usage modes	•	•
NFC/RFID	•	•

*Depending on storage/charging/usage conditions





New

POLES FOR THE PRUNION

TAKE ON THE HEIGHTS

Adapt the pole to your pruning shears to work on high branches in perfect safety.

The new pole option for PRUNION pruning shears lets you prune trees up to a height of 4 metres, with enough battery life for a full day of pruning. This option benefits from the technological innovations of PRUNION and now allows you to switch to pole mode in minimal time and without requiring tools.

POLES FOR THE PRUNION

POLES FOR THE PRUNION - THE ESSENTIALS

Testimonial



ERGONOMIC



ADAPTABLE



LIGHTWEIGHT



PRODUCTIVE

"The new PELLENC pole pruning shears are perfectly suited to our needs in the hazelnut orchard.

The simplicity of battery power alone is greatly appreciated due to the freedom of movement that it allows, we no longer have a noisy tractor and a pneumatic hose tangled in the branches. The tool is robust thanks to the materials used in its construction, and perfectly balanced, providing comfort for everyday use. The fact that you can separate the pole from the pruning shears—for use without the pole—means we can use the tool throughout much more of the orchard's life cycle. We use them without the pole for the first two or three years of growth training, then with the pole up to the eighth leafing season.

Matthieu Reigne
Gaec des 7 lieux

ERGONOMIC

- Oval-shaped tube for an optimal grip on the pole.
- One-handed handle. Enables a comfortable working position (arms relaxed).
- Reversible cutting head for pruning all branch configurations.
- Prune at heights of up to 4m.



ADAPTABLE

- 2 pole lengths to choose from: 1.50m or 2m.
- Handy hook for pulling branches.
- Compact Prunion cutting head, for good visibility and easy tool access into the tree foliage interior.





LIGHTWEIGHT

- Robust and lightweight aluminium tube (1,600g or 1,870g depending on the model).
- The motor is at the rear of tool, so that the cutting head remains light and easy to handle.
- The pole is well balanced for increased comfort and precision.

PRODUCTIVE

- The blade half-opening is controlled by an optical trigger.
- High performance battery for a full day's pruning.
- Mounting the Prunion pruning shears on the pole takes less than 1 minute, no tools required.
- Simplified maintenance (weekly lubrication).

PRUNION PRUNING SHEARS

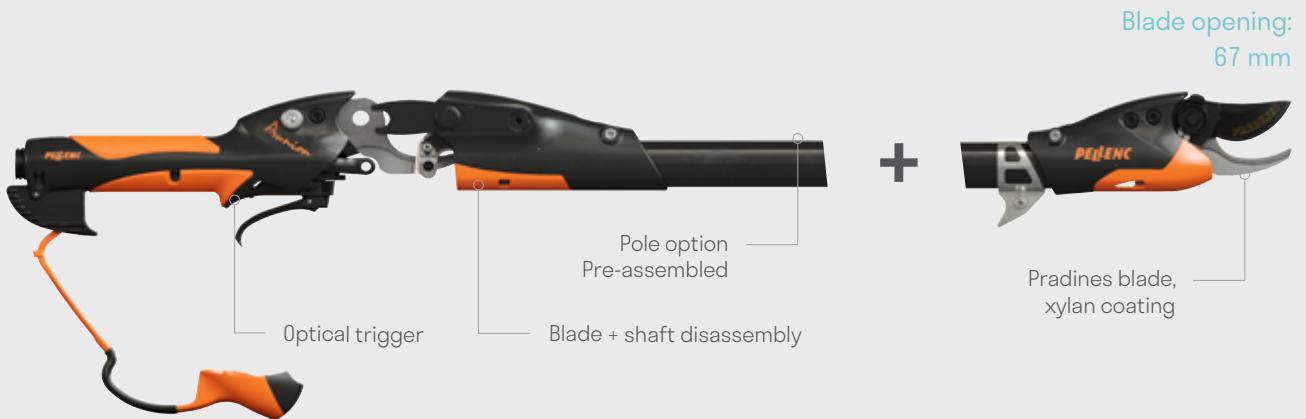


FOUR OPERATING MODES

<p>PERFORMANCE MODE Fast steady with blade half-opening</p>	<p>COMFORT MODE Steady with blade half-opening</p>
<p>ALL-OR-NOTHING MODE Fast with blade half-opening</p>	<p>PROGRESSIVE MODE Fast without blade half-opening</p>

WITH THE PRUNION POLE

With an adaptable pole extension
For working on high branches in complete safety



Assembly takes less than 1 minute, no tools required.



[▶ 3D animation](#)

[▶ Marketing Video](#)

PRODUCTS SUITED TO YOUR NEEDS



150P BATTERY

- Lightweight (860 g)
- Battery life for a full day's pruning
- The power delivered is always constant regardless of the battery level.



250 BATTERY

- Double connector for connecting two PELLENC tools simultaneously.

TECHNICAL FEATURES

WEIGHT OF PRUNING SHEARS AND POLES	
1.5m pole - g	1600
1.5m pole + prunion - g	2360
2m pole - g	1900
2m pole + Prunion - g	2660





Improved

SELION M12

A COMPACT CHAINSAW PRUNER; IDEAL FOR GENTLE PRUNING WORK

—
Ultra-lightweight, weighing only 1.95 kg, the Selion M12 chainsaw pruner has the advantage of efficiency for you and your teams.

Its easy handling and versatility make it the ideal tool for tree growers, vine growers, and landscaping professionals. Its exclusive design is focused on the user, making it an indispensable tool for fast and precise pruning.



Technical Innovation Award

AGRIVELANTE - 2011

Commendation

SIVAL - 2011

Bronze medal

VINITECH - 2010

SELION M12 - THE ESSENTIALS

Testimonial

 ERGONOMIC

 PRODUCTIVE

 ADAPTABLE

 DURABLE

I have the entire Espaces Verts range except for the Cultivion. Ever since I started using PELLENC tools, the working pace in my company has changed. When I do the work now, I am more relaxed, more comfortable, and I get it done more quickly. I can confirm the savings that PELLENC battery-powered products bring. I also appreciate the professional service.

Franco Pizzolorusso,
Andria, Italy

ERGONOMIC

- Weighs only 1.95 kg.
- Its compact size and Soft Touch handle make it easy to get started with.
- Designed to suit any size of hand.
- **NEW** Software for even more accurate cutting.



PRODUCTIVE

- Strong and reliable, clutchless (direct drive to sprocket).
- Minimum battery life of one work day.
- PELLENC Brushless 1200 W electric motor (equivalent to 30 cc petrol motor).
- Automatic chain tensioning.





ADAPTABLE

- Pruner for shade and ornamental trees, vines, or tough hedges.
- Adapts to its environment, threading its way between branches of various sizes.

DURABLE

- Uses up to 30% less chain oil.

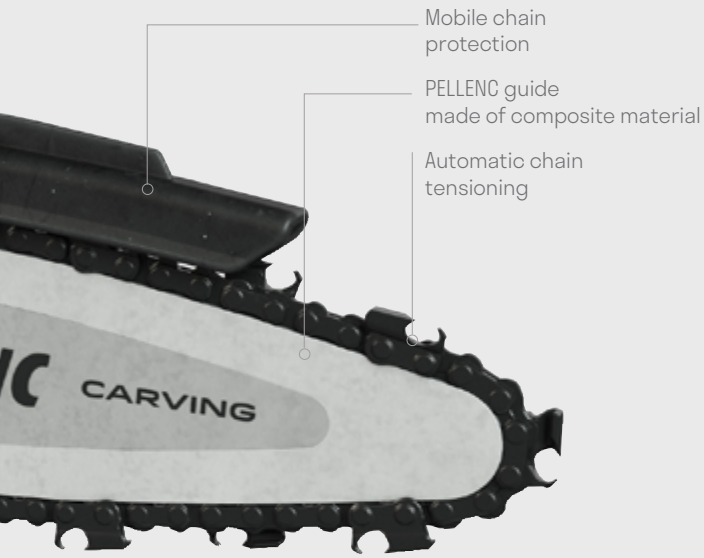
PRODUCT ADVANTAGES



[▶ 3D animation](#)

[▶ Marketing Video](#)

2-YEAR WARRANTY



Safety

PELLENC has developed 4 innovations to help protect the user:

1. The electronically triggered kickback sensor instantly engages the electric chain brake in the event of a fall or kickback, and is eight times more sensitive than the chain brake of a petrol chainsaw.
2. With the OREGON chain, the kickback effect, if it occurs, will be much less forceful than with a conventional chainsaw.
3. The tool's self-diagnostic system frequently checks that the electronic kickback sensor is operational. If so, the tool can operate.
4. The double-press start-up trigger prevents accidental start-up of the chainsaw.

THE ADVANTAGES OF PELLENC



Automatic chain tensioning

The chain guide is mounted on a patented mechanism that tightens the chain automatically.

PELLENC patent



Electronically managed oil flow

The system adjusts the lubrication of the chain based on the required cutting strength.

PELLENC patent



Electronic chain brake

The chain brake activates instantly in the event of a fall or kickback.

PELLENC patent



Tightening wrench

This wrench lets the user tighten the chain and provides quick access to the sprocket and the chain.

PELLENC patent

ACCESSORIES & CONSUMABLES

6" - 15 CM CARVING GUIDE

Profiled guide for carving or sculpting wood.



Sold as standard - ref: 80343

6" - 15 CM ANTI-KICKBACK GUIDE

15 cm guide made of composite material.



ref: 78790

1/4" - 25AP - 1.3 MM - 42E OREGON CHAIN

Anti-kickback chain.



Sold as standard - ref: 71550

6" - 15 CM PRECISION GUIDE

15-cm guide that improves work efficiency.



ref: 138788

PRECISION CHAIN 1/4" - 1.1 mm - 41E

Chain that reduces the effort required in cutting.



ref: 138880

SHARPENING KIT

Round file - Flat file - Chain threader.



ref: 68520

BIODEGRADABLE CHAINSAW OIL

Biodegradable chain oil.
5-litre jerrycan.



ref: 116688

TECHNICAL FEATURES

	SELION M12
Max. power - W	1,200
Combustion engine equivalence – cc	30
Weight - kg	1,95
Motor speed - rpm	5,400
Chain speed - m/s	10.3
Guide length - cm/inches	15 / 6"
OREGON chain	
Pitch	¼ "
Type / Gauge / Number of links	25AP / 1.3 mm / 42E
Sprockets	9 x ¼" teeth
Tank capacity - cl	7
Sound pressure level (L_{pA})* - with K uncertainty KpA = 3.0 dB(A)	84
Guaranteed sound power level (L_{WA}) **	98
Front handle vibration level (a_v)* - with kd uncertainty K= 1.5 m/s ²	2.5
Battery life with the Alpha 520 battery***	Up to 4-5 hrs
Battery life with the 250 battery	Up to 2 hrs
Peristaltic pump	•
Automatic chain tensioner	•
Integrated folding wrench	•
Electronic chain brake	•
Carrying case	•

• As standard * Noise and vibration measurements according to EN 60745-1 and EN 60745-2-13.

** According to Directive 2000/14/EC.

*** For information purposes: the times were observed in actual working time, including breaks.
Battery life is influenced by the nature of the work required.



Improved

SELION C21 HD

LIGHTWEIGHT, ACCURATE PRUNER FOR INTENSIVE USE

—
Easy to use, powerful, and lighter than any of its competitors, when it comes to power and precision the Selion C21 HD pruner will satisfy all your requirements.

With enough battery life for a full day of work, it has been designed to facilitate the work of pruners and reduce the strain on the user. The Selion C21 HD pruner model has many innovative features which make it a vital tool for professionals seeking to combine safety, handling, and power.



Commendation in the “New Technologies” category

EIMA-FEDER UNACOMA - 2014

Innovation Award

SMCL EXHIBITION FOR FRENCH MAYORS AND LOCAL AUTHORITIES - 2009

SELION C21 HD - THE ESSENTIALS

Testimonial



LIGHTWEIGHT



PRODUCTIVE



SAFE



ERGONOMIC

If it didn't exist, I'd have a real problem. I've been using this equipment for the last five years, and I still find it revolutionary. After 25 years in the business, I couldn't work with the petrol models any more, it was costing me too much on every level. Now I get reliability, lightness, quietness, ease of handling, aesthetics, and all without gas pollution — this is exactly what I needed.

Moustapha Bounzel,

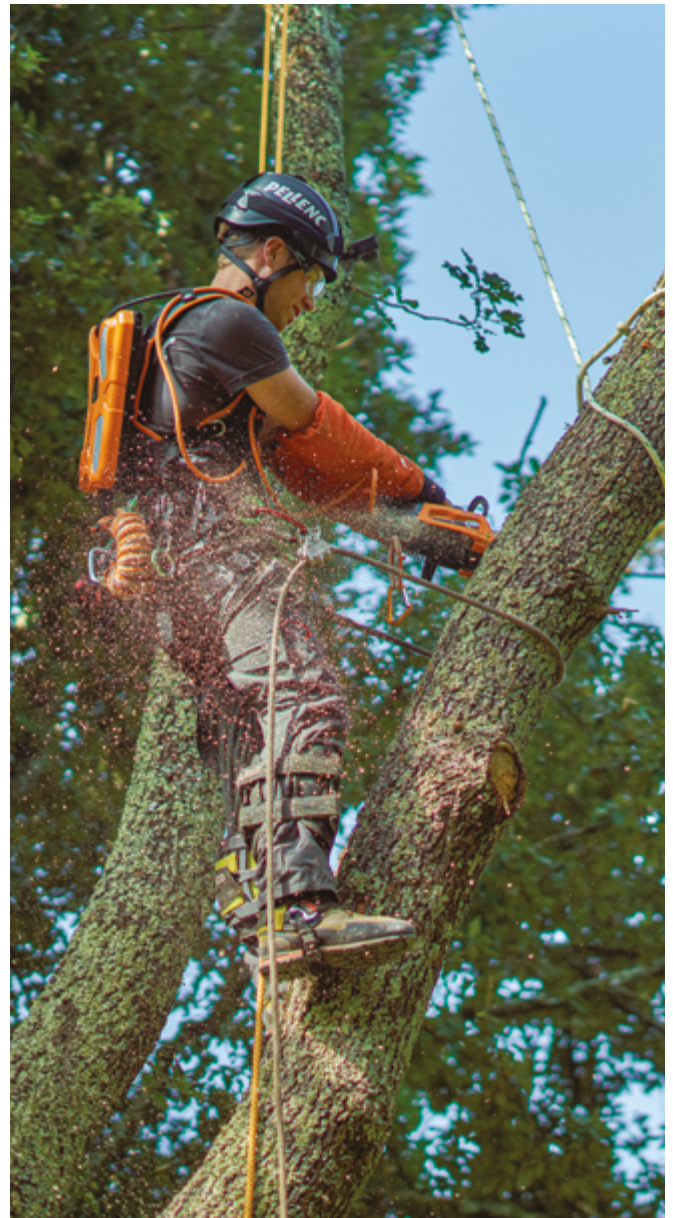
Tree surgeon - Au Bonheur des Arbres,
Montpellier, France

LIGHTWEIGHT

- Only 2,55 kg - Perfect for tree-climbing arborists.

PRODUCTIVE

- Extremely powerful with the PELLENC 2000 W Brushless motor (equivalent to a 45 cc³ petrol motor, but the PELLENC motor produces more torque).
- A guide that tightens the chain tension for optimal operation.
- Allows easy removal of wood shavings with its magnesium alloy casing, thus preventing jamming.
- Cost-effective: reduces chain oil consumption by 30%.
- Provides tree surgeons with enough battery life for a full day of pruning.
- Low maintenance
- The lateral chain tensioner makes it easy to adjust the chain tension.
- Automatic chain tensioning.





SAFE

- **NEW** With the quick connector system, the tool can be quickly plugged into or out of the battery during work sessions. This key safety feature lets you bring up the pruner once you are in position in the tree.
- The grip notch enables a more solid grip on branches and trunks.
- Automatic electric chain brake in case of fall or kickback.
- Less risk of kickback compared to a conventional chainsaw.
- Reinforced front hand guard.

ERGONOMIC

- Soft Touch ergonomic handle for greater comfort.
- Quiet operation, facilitating use for extended periods.
- **NEW** Cutting software: the chain slows down when it is in the wood, which allows the user to better dose the applied force and so keep the motor from locking.

PRODUCT ADVANTAGES



Safety throttle

New

Cutting software that helps you better dose the applied force

Electronically managed oil flow

Ergonomic handle Soft Touch

Oil tank



New

Male quick connector cable

Steel fastening hook

Revolutionary PELENC motor with electronic switching system

Tightening wrench

Power "On" indicator

Double-press start-up

Reinforced fixed front hand guard

Electronic chain brake

Automatic chain tensioning

[▶ 3D animation](#)

[▶ Marketing Video](#)

2-YEAR WARRANTY



Casing

The magnesium casing improves the evacuation of wood shavings and provides greater stability and lightness.



Claw

Enables a firmer grip on branches and trunks.



New

Quick connector system

The tool can be quickly plugged into or out of the battery during work sessions. This key safety feature lets you bring up the pruner once you are in position in the tree.



Safety

PELLENC has developed 4 innovations to help protect the user:

1. The electronically triggered kickback sensor instantly engages the electric chain brake in the event of a fall or kickback, and is eight times more sensitive than the chain brake of a petrol chainsaw.
2. With the OREGON chain, the kickback effect—if it occurs—will be much less abrupt than on a conventional chainsaw.
3. The tool's self-diagnostic system frequently checks that the electronic kickback sensor is operational. If so, the tool can operate.
4. The double-press start-up trigger prevents accidental start-up of the chainsaw.

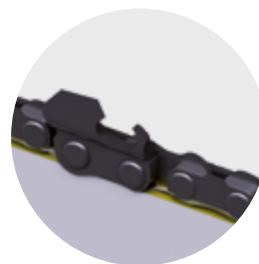
THE ADVANTAGES OF PELLENC



Automatic chain tensioning

The chain guide is mounted on a patented mechanism that tightens the chain automatically.

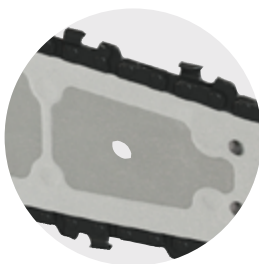
PELLENC patent



Electronically managed oil flow

The system adjusts the lubrication of the chain based on the required cutting strength.

PELLENC patent



Electronic chain brake

The chain brake instantly activates in the event of a fall or kickback.

PELLENC patent



Tightening wrench

This wrench lets the user tighten the chain and provides quick access to the sprocket and the chain.

PELLENC patent

ACCESSORIES & CONSUMABLES

11" - 28 CM STANDARD LIGHT GUIDE

28-cm guide made of composite material.



Sold as standard - ref.: 72884

11" - 28 CM CARVING GUIDE

28-cm profiled guide for cutting and sculpting wood



ref.: 80344

1/4" - 25AP - 1.3 MM - 70E OREGON CHAIN

Anti-kickback chain.



Sold as standard - ref.: 81794

10.4" - 27 CM PRECISION GUIDE

27-cm guide that improves work efficiency.



ref.: 145550

PRECISION CHAIN 1/4" - 1.1MM - 67E

Chain that reduces the effort required in cutting.



ref.: 145589

SHARPENING KIT

Round file - Flat file - Chain threader



ref.: 68520
Available from late 2019

BIODEGRADABLE CHAINSAW OIL

Biodegradable chain oil.
5-litre jerrycan.



ref.: 116688

TECHNICAL FEATURES

	SELION C21 HD
Max. power - W	2,000
Combustion engine equivalence - cc	45
Weight - kg	2.55
Motor speed - rpm	6,200
Chain speed - m/s	14.5
Guide length - cm/inches	28 / 11"
OREGON chain	
Pitch	¼"
Type / Gauge / Number of links	25AP / 1.3 mm / 70E
Sprocket	11 x ¼" teeth
Tank capacity - cl	25
Sound pressure level (L_{pA})* - with K uncertainty KpA = 3.0 dB(A)	84
Guaranteed sound power level (L_{WAcl}) **	98
Vibration level (a_h)* - with K uncertainty = 1.5 m/s ²	≤ 2.5
Battery life with the Alpha 520 battery***	Up to 4-5 hrs
Peristaltic pump	•
Automatic chain tensioner	•
Integrated folding wrench	•
Electronic chain brake	•

• As standard * Noise and vibration measurements according to EN 60745-1 and EN 60745-2-13.

** According to Directive 2000/14/EC.

*** For information purposes: the times were observed in actual working time, including breaks.
Battery life is influenced by the nature of the work required.





Improved

SELION TELESCOPIC

LIGHTWEIGHT, MULTI-FUNCTION POLE PRUNER

—
The Selion Telescopic range of fixed and telescopic pole pruners are ideal for your overhead pruning work.

They are lightweight, and their cutting precision is equalled only by their ease of handling. Suitable for use both in urban environments and in forest or farm work, Selion Pole pruners are powerful and versatile.



Commendation in the “Safety and Working Conditions”
category
FOREXPO - 2008

SELION TELESCOPIC

SELION TELESCOPIC - THE ESSENTIALS

Testimonial



LIGHT



PRODUCTIVE



MULTIFUNCTION



DURABLE

I use PELLENC equipment, notably the 36 Olivium, the 10 Selion Pole and the 20 Lixion. Since 2006, our interest in these products has continued to grow, given their technological innovation which meets the present and future needs of our wine-making and olive-growing production processes.

Abdelaziz El Kouane,
Production Manager,
the Brahim Zniber Group Vineyards

LIGHT

- Lightweight, easy to handle.
- Telescopic pole for cutting branches up to a height of 4.5 metres.

PRODUCTIVE

- Powerful electric motor for greater efficiency (Brushless PELLENC 1200 W).
- Saves time with automatic chain tensioning.
- Its light weight facilitates precise, stable cutting.
- Minimum battery life of one working day.
- **NEW** Cutting software that helps the user better dose the applied force and work with greater precision.
- **NEW** Narrow gauge Precision Guide for greater precision and cutting quality.





MULTIFUNCTION

- 2 telescopic pole models.
- Can be used both in urban areas (no noise pollution) and in forestry work.
- Adaptable power levels for pruning in green spaces, olive groves, or forests.
- Pole reaching up to a height of 4.5 metres as required.
- The multi-position head can be tilted $-45^{\circ}/+90^{\circ}$.

DURABLE

- Wear-free, cost-effective motor (consumes up to 30% less chain oil).
- Uses biodegradable chain oil.
- Low maintenance guarantees a longer service life.
- Steel head joint.

PRODUCT ADVANTAGES



THE ADVANTAGES OF PELLENC



Automatic chain tensioning

The chain guide is mounted on a patented mechanism that tightens the chain automatically.

PELENC patent



Electronically managed oil flow

The system adjusts the lubrication of the chain based on the required cutting strength.

PELENC patent

2-YEAR WARRANTY



[▶ 3D animation](#)

[▶ Marketing Video](#)



Tightening wrench

This wrench lets the user tighten the chain and provides quick access to the sprocket and the chain.

PELENC patent



New

Steel tilting system

With its tilting head (+90°/-45°), the tool can easily be adapted to the working environment.

ACCESSORIES & CONSUMABLES

9.4" - 24 CM PRECISION GUIDE

24-cm guide that improves work efficiency.



Sold as standard - ref.: 138823

¼" - 1.1MM - 55E PRECISION CHAIN

Chain that reduces the effort required in cutting.



Sold as standard - ref.: 138883

6" - 15 CM CARVING GUIDE

Profiled guide for carving or sculpting wood.



ref: 80343

1/4" - 25AP - 1.3 MM - 42E OREGON CHAIN

Anti-kickback chain.



ref: 71550

10" - 25 CM STANDARD GUIDE

25 cm guide made of composite material.



ref: 66756

1/4" - 25AP - -1.3 MM - 58E OREGON CHAIN

Anti-kickback chain.



ref: 64486

6" - 15 CM PRECISION GUIDE

15-cm guide that improves work efficiency.



ref: 138788

PRECISION CHAIN ¼" - 1.1 mm - 41E

Chain that reduces the effort required in cutting.



ref: 138880

BIODEGRADABLE CHAINSAW OIL

Biodegradable chain oil.
5-litre jerrycan.



ref: 116688

SHARPENING KIT

Round file - Flat file - Chain threader



ref: 68520

TECHNICAL FEATURES

	T175/225	T220/300
Max. power - W	1,200	1,200
Combustion engine equivalence - cc	30	30
Weight - kg	3.25	3.60
Motor speed - rpm	5,400	5,400
Pole length - cm	175 to 225	220 to 300
Chain speed - m/s	10.3	10.3
Guide length - cm/inches	24 / 9.4"	24 / 9.4"
Chain		
Pitch	¼ "	¼ "
Type/Number of links	1.1mm - 55E	1.1mm - 55E
Sprockets	9 x ¼" teeth	9 x ¼" teeth
Tank capacity - cl	25	25
Sound pressure level (L_{pA})* - with K uncertainty KpA = 3.0 dB(A)	82	80
Guaranteed sound power level (L_{WA})**	93	94
Vibration level (a_v)* - with K uncertainty = 1.5 m/s ²	≤ 2.5	≤ 2.5
Multi-position tilting head	+90° / -45°	+90° / -45°
Telescopic pole	•	•
Peristaltic pump	•	•
Automatic chain tensioner	•	•
Integrated folding wrench	•	•
Battery life with the Alpha 520 battery***	Up to 4-5 hrs	

• As standard

* Noise and vibration measurements according to EN 60745-1 and EN ISO 11680-2.

** According to Directive 2000/14/EC.

*** For information purposes: the times were observed in actual working time, including breaks. Battery life is influenced by the nature of the work required.





CITY CUT

CUTTING HEAD FOR AN ALTERNATIVE, SCATTER-FREE WEEDING SOLUTION

Make your weeding work safe in populated environments: avoid scattering debris with a cutting head designed to offer an alternative weeding solution.

PELLENC's exclusive counter-rotating technology in the City Cut cutting head offers an alternative solution to pesticides for weeding, and without scattering debris. The City Cut complements the range of cutting heads available for the Excelion 2000.



Innovation Award
MECANIC SHOW - 2016

Technical Innovation Award
AGRILEVANTE - 2015

**ZERO
PHYTO**

CITY CUT - THE ESSENTIALS

Testimonial



SAFETY



PRODUCTIVE



DURABLE



CERTIFIED



Effective and tough, City Cut causes no damage to any surface. Can be used early in the morning, with no noise nuisance to local residents. Precise, high-quality work with no scattering of debris onto street furniture, local businesses, or vehicles. A better solution than chemical weeding, and one that contributes to our company's environmental goal of zero pollution.

Virgile Hernandez

Green spaces team leader with Antigone Service, a subsidiary of the Nicollin Group

SAFE

- Avoids dangerous scattering of debris while weeding in busy areas in urban and suburban environments and green spaces.
- Avoids harm to the surrounding environment, does not damage tree bark, street furniture, or cars.
- Avoids the creation and inhalation of dust.



PRODUCTIVE

- Counter-rotating technology for optimised efficiency and high power.
- Use in eco mode is recommended.
- Flexible head for more efficient work.
- Linear weeding distance of 400 metres per hour.
- Perfect finishing on curbs, around trees, and along fences.
- Easy to use and time-saving with quick-change heads.
- Fewer consumables, easy blade maintenance.





DURABLE

- The steel cup casing is resistant to abrasions on asphalt.
- No plastic wire waste.



CERTIFIED

- Meets the "Zero Phyto" charter for alternative weed removal.
- Certificate for low debris scattering issued by KWF, a German laboratory.



PRODUCT ADVANTAGES



The cutting head can be changed in 20 seconds

UNIQUE COUNTER-ROTATING TECHNOLOGY


Interchangeable heads for the EXCELIION 2000 range



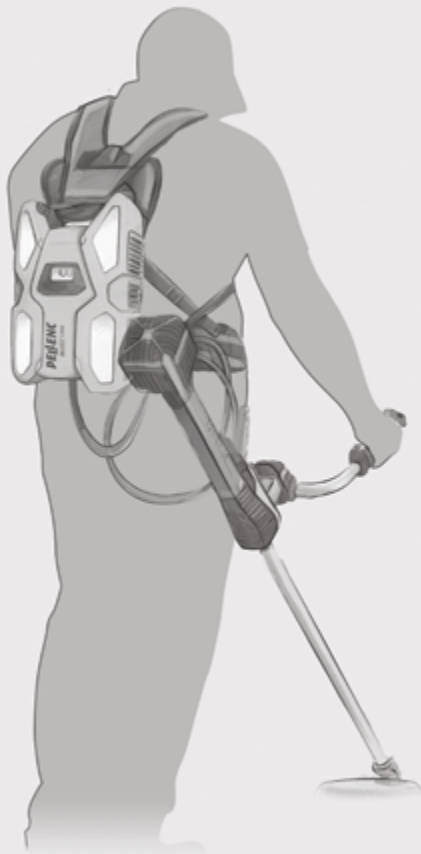
USE IN ECO MODE (flashing LED)

The counter-rotational movement and shape of the blades protect the urban equipment, as well as nearby cars and tree trunks.

 Tutorial Video

 3D animation

 Marketing Video



ADAPTABLE TO
EXCELION 2000

THE ADVANTAGES OF PELLENC



Committed to reducing pollution, operating costs, and the use of pesticides.



Low scattering certificate

Issued by KWF laboratory, Germany.

ACCESSORIES & CONSUMABLES

DUAL BLADE KIT



The upper and lower blades turn in opposite directions to avoid scattering debris.

- Diameter: 230 mm

ref: 118270

STEEL CUP



Resistant to abrasion.

ref: 118271

TUBE OF GREASE FOR THE ANGLE GEARS



High performance grease.

ref: 35749

TECHNICAL FEATURES

	CITY CUT
Weight - kg	1.6
Maximum rotational speed of the blades - rpm - Eco mode	400 rpm
Maximum rotational speed of the blades - rpm - Standard mode	600 rpm
Cutting diameter	230 mm
Sound power level (L_{WA})* - dB(A)	102

* Value determined according to acoustic measurement standards NF EN ISO 11201 and NF EN ISO 3744

Testimonial

For 55 years, the trust our customers place in us has been founded on our professionalism and know-how in the design and maintenance of gardens. In the past, we used petrol tools for our work. But over time, we have taken a slightly different approach. We have always cared about the environment, and are increasingly drawn to the zero phyto movement. That is why we decided to stop using chemicals and switched to battery-powered tools as an alternative method of weed control.

As PELLENC is the leading player in this field, it seemed natural to turn to them. It is now twelve years since we invested in the Green and City Technology range of battery power tools, and we are very happy with our decision.

Although the switch was not easy at first—because we had to change our working methods and habits— it has proven very positive in several ways. First of all, the team members say they are less fatigued by their work. The workers feel less vibration and find the tools more relaxing overall.

The quietness of PELLENC tools is a real plus for our clients, which include local authorities. The battery life is perfectly suitable for the work we do, and the tools really get the job done. In particular, we use the Prunion pruning shears and Helion hedge trimmers, which have a perfectly suitable battery, without being overly big. The Rasion mower is particularly cost-effective considering its weight, low noise level, hardiness, and efficiency. We have no reason to miss our old petrol tools!

Laurent DABBÈNE

Resources and methods project manager at TARVEL Genas, part of the TERIDEAL Group





CULTIVION

A SOIL CULTIVATOR AS AN ALTERNATIVE TO CHEMICAL WEEDING

—
Save time and increase efficiency with Cultivion, a powerful soil cultivator, allowing you to be fast and precise in your work, while avoiding the use of phytosanitary products.

Lightweight and multi-functional, the Cultivion soil cultivator is suitable for all soils, whether working on the surface or at depth. Easy to handle and versatile, it can be used for cultivating, soil aeration, or weeding.

CULTIVION - THE ESSENTIALS



Testimonial



PRODUCTIVE



ADAPTABLE



ERGONOMIC



DURABLE

Our company grows leaf vegetables on 100 hectares of land. We use Cultivion every day in the open field and in the greenhouse for weeding. This tedious work used to be done by hand. After eight hours with the Cultivion soil cultivator, we have done what used to be the work of six people. This tool has allowed our company to make substantial economic gains.

Raffaele Maddalo,
Pontecagnano - Italy

PRODUCTIVE

- Exceptional work quality and speed.
- A powerful tool that can work the soil even in late winter.
- Using the cultivator once is equivalent to watering twice.
- Enough battery life for a full day's work.
- Low maintenance
- Up to 885 cuts/minute.



ADAPTABLE

- Effective for cultivation, weeding, or soil aeration.
- Designed for agriculture, vegetable growing, and green spaces.
- 5-tooth blades, suitable for all soil types.
- The blades can be changed quickly to switch from one use to another.
- 9 possible tilting angles for working on the surface or at depth.





ERGONOMIC

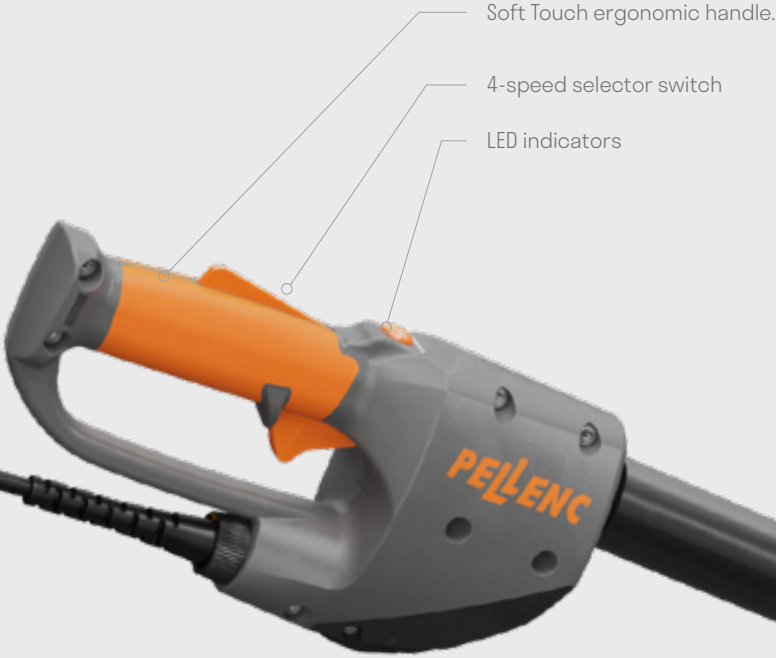
- Adjustable to the user's height.
- Very easy to handle.
- Compact.
- Stable while working, no need to push the tool.

DURABLE

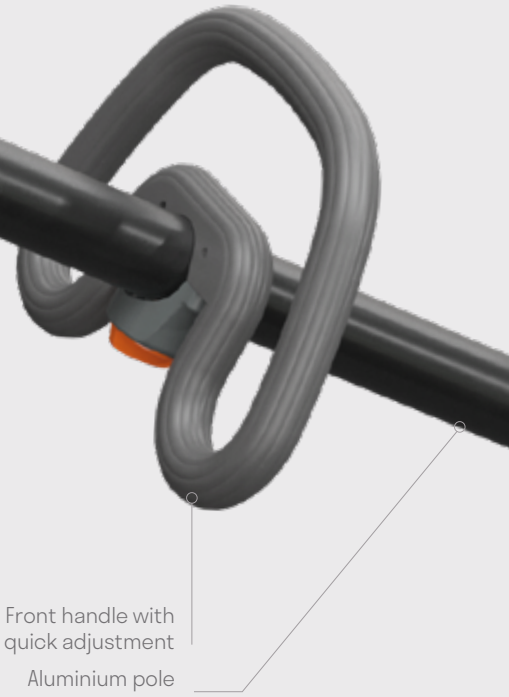
- Reliable, safe, long-lasting tool.
- An alternative to chemical weed killers.
- Low maintenance

PRODUCT ADVANTAGES

2-YEAR WARRANTY



BLADES FOR EVERY CUTTING SITUATION



- [▶ Tutorial Video](#)
- [▶ 3D animation](#)
- [▶ Marketing Video](#)

THE ADVANTAGES OF PELLENC



Performance levels

CULTIVION blades work with an oscillating motion. This extremely rapid movement (up to 885 strokes/minute) guarantees the tool the power and performance required to facilitate soil penetration.

PELLENC patent



Versatile

With the different blades, you can easily adapt to all working environments. The quick-change blades make it easy to switch from one use straight to another.

PELLENC patent



Stability

Unlike motor hoes, the CULTIVION remains stable while working, so there is no need to push the machine. Cultivion has been designed to work in reverse, which eliminates the need to walk over areas that have already been worked.



Revolutionary Pellenc motor with electronic switching system

Quickly interchangeable heads

Toothed blade for better penetration

9 tool tilting angles



Committed to reducing pollution, operating costs, and the use of pesticides.

ACCESSORIES & CONSUMABLES

8 CM BLADE



For finishing work, with minimal vibrations.

ref.: 100422

16 CM V-SHAPED BLADE



For working on hard soil. For ploughed furrows.

ref.: 83849

16 CM BLADE



For medium and deep work.

ref.: 81251

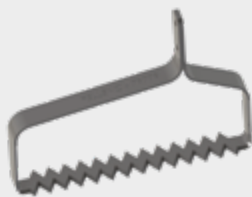
22 CM BLADE - WEEDING



For surface work. For weeding.

ref.: 84125 (as standard)

22 CM BLADE



For wide and deep work.

ref.: 79779

BLADES ATTACHMENT KIT



For changing blades more easily.

ref.: 101003

TECHNICAL FEATURES

	CULTIVION
Max. power - W	380
Combustion engine equivalence - cc	10
Weight - kg	3.1
Oscillating speed - HZ	13 to 15
Tool speed - strokes/min	800 to 885
Number of blades	5
Blade tilting positions	9
Sound pressure level (L_{pA})* - dB(A)	74
Guaranteed sound power level (L_{WA})* - dB(A)	91
Front handle vibration level (a_h)** - m/s ²	14.4
Rear handle vibration level (a_h)** - m/s ²	10.2
Battery life with the ULiB 1200***	Up to 2.5 days
Battery life with the Alpha 260***	4-6 hrs
4-speed selector switch	•
Adjustable handle	•
Interchangeable blades	•

• As standard * Values defined according to sound measurement standards NF EN ISO 11201 and NF EN ISO 3744.

** Vibration emissions according to DIN EN 60745-1:2009 - K uncertainty = 1.5 m/s²

*** For information purposes: the times were observed in actual working time, including breaks.
Battery life is influenced by the nature of the work required.





AIRION 3

THE NEW GENERATION BLOWER, LIGHTWEIGHT AND POWERFUL



Weighing in at just 2.55 kg, and with a patented ergonomic design, the Airion 3 is easy to use and durable in any weather conditions.

Designed to meet the requirements of professionals in terms of reliability, power, and efficiency, the Airion 3 can be used for several hours without fatigue or strain on the wrist. Quiet and powerful, it is equally effective in urban settings, near populated areas, and in parks and gardens.



Innovation Award

EIMA INTERNATIONAL - 2017

Golden decibel award

FRENCH NATIONAL NOISE COUNCIL - 2011

AIRION 3 - THE ESSENTIALS

Testimonial



ERGONOMIC



PRODUCTIVE



QUIET



DURABLE

This is the product in the range that we use the most, and which is the most surprising because of its power. We use it to clear leaves and debris, as well as for washing our machines. Everything that we put into our warehouse must be clean and dry. The boost function easily removes all water and foreign bodies from the machines.

John Ledwidge,

Grounds manager at Leicester City Football Club, Premier League Champions 2015/16

ERGONOMIC

- The tool stays perfectly balanced during operation, regardless of the speed.
- The lightest hand blower: 2.55 kg with the actual weight of the cable held in the hand.
- Maximum MSD prevention thanks to the vertical working axis, from shoulder to wrist.
- Angled suction to overcome the swing phenomenon and reduce effort.
- Fast connector: allows the user to quickly plug the tool into or out of the battery during work sessions. This key safety feature ensures the worker can get out of any risky or uncomfortable situation fast.

PRODUCTIVE

- 17.5 N effective thrust while preserving ergonomics.
- Actual air flow of 920 m³/h with the round nozzle.
- 4 interchangeable nozzles for different uses.
- Optimal balancing makes it comfortable when working for long periods.





QUIET

- The angled suction keeps noise levels low for local residents.
- Only 79 dB.
- Golden Decibel Award 2011 (French National Noise Council).
- No need to wear ear defenders.
- Can be used in populated areas at any time of day.

DURABLE

- Sealing level IP54 protecting it from dust and rain.
- The turbine body is made of a strong magnesium alloy, optimising its service life.

PRODUCT ADVANTAGES



The carrying strap hooks on either side for right-handed or left-handed use

Progressive trigger

Speed and boost selector

Angled air intake

Ultra-resistant material

Intake screen

[▶ Tutorial Video](#)

[▶ 3D animation](#)

[▶ Marketing Video](#)



**WATERPROOF
TOOL AND ENGINE
BLOCK**

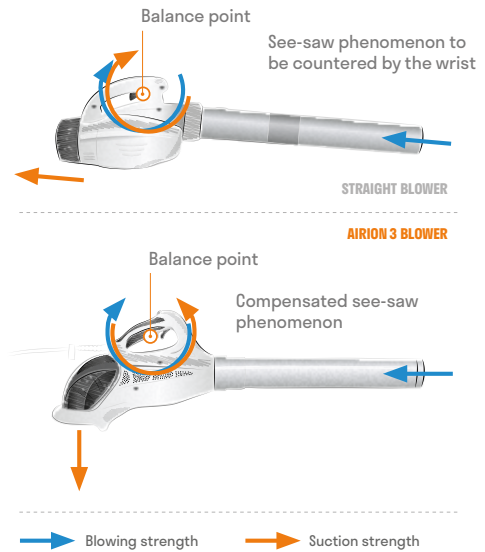
2-YEAR WARRANTY

Profiled nozzle
4 interchangeable nozzles



Angled suction: a decisive factor

The tip of a conventional blower drops under the effect of the air output, and the wrist must make the effort to lift it. The Airion 3 blower compensates for this phenomenon thanks to its angled intake, unlike straight blowers, which exacerbate the see-saw phenomenon.



THE ADVANTAGES OF PELLENC



Speed management

The Airion 3 speed button lets you adjust the blowing power according to the surface to be cleared. The Boost function delivers maximum air flow and is available simply by keeping the button pressed. The power of the Airion 3 is enough to blow heavy objects such as large masses of wet leaves that are stuck to the ground.



Quick connector system

allows the user to quickly plug the tool into or out of the battery during work sessions. This key safety feature ensures the worker can get out of any risky or uncomfortable situation fast.



Durable motor

Protected against dust and moisture and 100% rainproof, Airion 3 is designed to withstand the test of time. Its motor is encased in a magnesium alloy body, ensuring good heat dissipation, full IP54 sealing, and an extended service life.

All the mechanical parts are protected from dust and moisture.



Battery life indicator

activated by pressing and holding the speed button. The LEDs flash and display the remaining battery life in 25% increments.

PELLENC patent



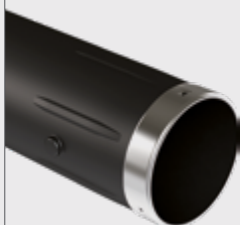
Intake screen

Its air intake design, protected by a new patent, improves the tool's performance while reducing the noise level.

PELLENC patent

ACCESSORIES & CONSUMABLES

75 MM ROUND BLOWING NOZZLE

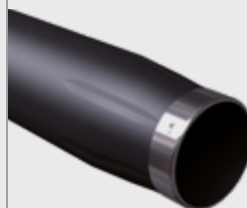


For ideal performance combining speed and air flow. As standard on Airion 3 and can be used with Airion 2.

- Interior diameter of the nozzle: 75 mm
- Nozzle length: 57 cm

Sold as standard - ref: 122862

65 MM ROUND BLOWING NOZZLE



Best compromise between speed and air flow. Adaptable to all Airion generations.

- Interior diameter of the nozzle: 65 mm
- Nozzle length: 57 cm

ref: 132240

NOZZLE WITH INTEGRATED SCRAPER



For removing any sticky or wet waste. Adaptable to all Airion generations.

- Interior diameter of the nozzle: 65 mm
- Nozzle length: 57 cm

ref: 132728

FLAT NOZZLE



Designed for precision work. Adaptable to all Airion generations.

- Total length: 77 cm.

ref: 122865

ERGO NOZZLE



Improves ergonomics and comfort for the user during long work sessions. Adaptable to 75 mm nozzles

- Angled nozzle: Ø 78 mm,
- Total length: 70 cm.

ref: 131967

SCREW KIT



Removable polymer screw developed for maximum thrust and minimum noise.

ref: 129169

TOOL CARRYING HOOK



A hook which clips onto the battery belt to leave the operator's hands free.

ref: 86708

CARRYING STRAP FOR COMFORT HARNESS



Carrying strap for better ergonomics, the weight resting on the shoulder.

ref: 137018

TECHNICAL FEATURES

	AIRION 3
Effective thrust* - (N)	17.5 (boost)/13.5 (speed 4)
Max. power - W	940
Weight of the tool with the cable - kg	2.7
Weight of the tool without the cable - kg	2.45
Actual weight of the tool in use - kg	2.55
Actual airflow rate with round nozzle** - m ³ /h	920 (boost)/815 (speed 4)
Maximum airflow speed with the round nozzle** - m/s	63 (boost)/55 (speed 4)
Maximum airflow speed with flat nozzle - m/s	69 (boost)/60 (speed 4)
Sound pressure level (L _{PA})*** - dB(A)	79
Guaranteed sound power level (L _{WA})*** - dB(A)	92
Sound power level at 15 metres* - dB(A)	< 65
Vibration level**** - m/s ²	<2.5 (0.5 actual)
Battery life with the ULiB 1500*****	Up to 6 hrs
4-speed selector switch + boost	•
Round nozzle	•
Fast connector	-
Battery-life display	-

• As standard * According to standard ANSI/OPEI B175.2-2012.

** With nozzle diameter of 75 mm.

*** Values determined according to the acoustic measurement standards NF EN ISO 11203, NF EN ISO 3744 and NF EN ISO 4871.

**** Vibration emission value according to NF EN 60745-1: 2009 - K uncertainty = 1.5 m/s²

***** For information purposes: the times were observed in actual working time, including breaks.

Battery life is influenced by the nature of the work carried out.





CLEANION

A MULTIFUNCTION SWEEPER FOR YEAR-ROUND USE

The reliable, multifunction Cleanion sweeper can be used all year round, on any surface.

The Cleanion sweeper is ideal for snow removal during the winter months. Multifunction thanks to its many accessories, CLEANION can be used anywhere and gets over obstacles thanks to its motorised wheels.

Ideal for sweeping pavements, school playgrounds, gyms, sports fields, artificial grass, or industrial sites, it can be adapted to surfaces of all kinds.

CLEANION - THE ESSENTIALS



PRODUCTIVE



MULTIFUNCTION



QUIET



COMPACT

PRODUCTIVE

- High power (1400 W).
- Up to five hours of battery life with the ULiB 1500 for a work area of 5,600 m².
- Optimised power and minimal consumption thanks to its 4 rotational speeds.
- More effective cleaning with reversible rotation of the brush for dealing with bulky and wet waste or fine dust.
- Fast working with a wide brush (100 cm).
- Work in any weather conditions: IP54 sealing.
- Low maintenance.

MULTIFUNCTION

- A range of accessories (brush, blade, leaf pusher and collector) allow for a variety of uses.
- Can be adapted to the volume of material on the ground thanks to the constantly adjustable brush pressure.
- Can be used with the ULiB 1500, 1200, 1100, 750, and 700 batteries.





ERGONOMIC

- Zero Turn function thanks to the motorised wheels.
- Easy to move around and use with the steering handle bar.
- Motorised reverse drive.
- Lightweight < 100 kg (without battery).
- Fast programming with the LCD screen.
- Its silent operation with no CO₂ emissions means the Cleanion can be used at any time of day in public places.

COMPACT

- Its compact storage configuration saves space.

PRODUCT ADVANTAGES





**WATERPROOF
TOOL**

2-YEAR WARRANTY

Case

The easy-access case holds the battery.



Storage position

The motor can be disconnected from its folding handlebar to save space during storage.



Quick release

A simple latch system lets the user hold the two removable parts in place and quickly switch between the various work tools.

THE ADVANTAGES OF PELLENC



LCD screen

Use the LCD screen to continuously check the functions of CLEANION, such as ground speed and the rotational speed of the brush. An indicator shows the optimal pressure for the brush on the ground to help the operator adjust it properly.



Reversible brush rotation

The roller easily clears away bulky or wet material, as well as fine dust.



Two support wheels

The adjustable support wheels ensure the perfect height, even when working on uneven surfaces.



Motorised wheels

The two rear motors enable Zero Turn manoeuvres and make it easy to handle. It mounts pavements easily.

ACCESSORIES & CONSUMABLES

Adapt to the sweeping head

TILTING COLLECTION BOX

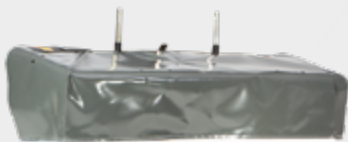
For collecting waste.



ref.: 57162

ANTI-GRAVEL MESH

For sweeping gravel surfaces with minimal scattering of debris.

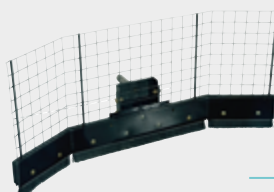


ref.: 57161

Replace the sweeping head

LEAVES PUSHER

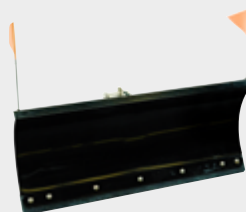
For leaf removal and pushing hay or manure.



ref.: 57163

SNOW PLOUGH BLADE

For pushing and sweeping snow.



ref.: 57160

SNOW CHAINS

Quick assembly.



ref.: 57164

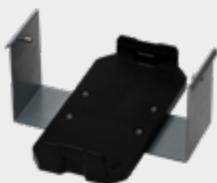
SUMMER WHEELS



ref.: 57165

BATTERY HOLDER KIT FOR THE 750, 1200, AND 1500 BATTERIES

Enables use of the 750, 1200, and 1500 batteries with the Cleanion for maximum battery-life.



ref.: 142620

TECHNICAL FEATURES

	CLEANION
Overall dimensions when unfolded, HxLxW - cm	100x160x100
Working width - cm	100
Weight (with battery) - kg	105
Weight (without battery) - kg	99
Max. power - W	1,400
Rotational speed of the brush	4 speeds, 100 to 200 rpm
Battery life in terms of surface area - m ²	Up to 4600
Zero Turn	•
Snow wheels	-

• As standard



PEILENC





ALPHA
520

α






























PEILENC

PEILENC

CORRESPONDENCE TABLE OF BATTERY-TOOL CONNECTION ADAPTOR CORDS

			
57237	57238	57239	57245

				
132200	57183	57194	139091	57195

	  700 / 1100 132200	 750 / 1200 / 1500	 260 / 520
	✓	 +  57239 57183	 +  57239 57194
 RASION BASIC	✓	 57239	 +  57239 57194
 RASION EASY 2 RASION SMART 2	 +  57245 139091	✓	 57194
	 57237	 +  57238 57183	 +  57238 57194
	 +  57237 57195	 +  +  57238 57195 57183	✓

 Tutorial Video



47 YEARS OF INNOVATION

1169 PATENTS REGISTERED

PRIZES AND AWARDS

2018	ALPHA RANGE RASION EXCELION 2000 & CITY CUT VINION	EIMA INTERNATIONAL: <i>Special mention from the technical innovation committee</i> Alliance industrie du futur: <i>"Vitrine du Futur" [Window to the Future] label</i> L'USINE NOUVELLE MAGAZINE: <i>Productivity Award in Factory Rewards</i> ONEVIDÉO FESTIVAL AWARDS: <i>Best technical film prize for: "Sécateur Vinion, la nature est votre moteur" [Vinion pruning shears, driven by nature]</i>
2017	AIRION 2 PRUNION & VINION 1500 AND 1200 BATTERIES AND COMFORT HARNESS SMCL 1500 BATTERY AND COMFORT HARNESS 1500 BATTERY AND COMFORT HARNESS	EIMA INTERNATIONAL: <i>Innovation prize</i> FIERA AGROALIMENTARE MEDITERRANEA: <i>1st prize for agricultural mechanisation, innovation, and safety</i> <i>Winner in the Vehicles/Maintenance category</i> PAYSALIA: <i>Winner of the "Sustainable Development" category</i> SETT d'Or
2016	RASION EXCELION 2000 & CITY CUT PRUNION & VINION	OGA: <i>Innovation Prize</i> MECANIC SHOW: <i>Innovation Award</i> ENOVITIS: <i>Technological Innovation Award</i>
2015	PRUNION VINION RASION CITY CUT EXCELION 2000	SITEVI: <i>Silver medal at the Innovation Awards</i> SITEVI: <i>Silver medal</i> AGRILEVANTE: <i>Commendation</i> AGRILEVANTE: <i>Technical Innovation Award</i> AGRILEVANTE: <i>Technical Innovation Award</i>
2014	<u>MAJOR COMPANIES AWARDS</u> RASION EXCELION 2000 SELION C21 HD	FRENCH MINISTRY OF THE ENVIRONMENT: <i>Environment & Business Awards 2014 in the Eco-Product for Sustainable Development category</i> SMCL Exhibition for French Mayors and Local Authorities: <i>Innovation Award</i> AGROVINA: <i>3rd prize for innovation</i> EIMA - FEDER UNACOMA: <i>Commendation in the "New Technologies" category</i>
2013	EXCELION 2000	PAYSALIA: <i>1st prize for innovation</i> AGRILEVANTE: <i>Technical Innovation Award</i> AQUIFLOR: <i>2nd prize</i> DEMOPARK: <i>Silver medal</i> SMCL Exhibition for French Mayors and Local Authorities: <i>Finalist</i>
2012	<u>ZERO EMISSION CONCEPT</u> OLIVION EXCELION AIRION	SALON VERT: <i>Sustainable Development Award</i> EDGE: <i>Sustainable Development Award</i> MIFFEL: <i>1st prize for innovation</i> MIFFEL: <i>1st prize for innovation</i> AQUIFLOR: <i>3rd prize for innovation</i>
2011	<u>PORTABLE BATTERY POWER TOOLS RANGE</u> POLY 5 AIRION SELION M12 FIXION	EXPOLIVA: <i>Jury's commendation</i> DEMOPARK: <i>Gold Medal</i> FRENCH NATIONAL NOISE COUNCIL: <i>Golden Decibel Award</i> SMCL Exhibition for French Mayors and Local Authorities: <i>Innovation Prize</i> EDGE: <i>European Innovation Prize</i> DEMODAGEN: <i>Innovation Prize</i> AGRILEVANTE: <i>Technical Innovation Award</i> SIVAL: <i>Commendation</i> SITEVI: <i>Gold Medal</i>
2010	AIRION SELION M12	SALON VERT: <i>Environment and Sustainable Development Award</i> EDGE: <i>European environmental and sustainable development award</i> VINITECH: <i>Bronze Medal</i>
2009	SELION C21 HD HELION	SMCL Exhibition for French Mayors and Local Authorities: <i>Innovation Award</i> PAYSALIA: <i>1st prize for innovation</i>
2008	HELION SELION POLE	SALON VERT: <i>Hardware and Equipment Prize</i> FOREXPO: <i>Commendation in the "Safety and Working Conditions" category</i>

TAILOR-MADE SERVICES OF EXPERTS AT YOUR SIDE

To deliver optimal service quality to our 500,000 customers around the world, PELLENC favours proximity by maintaining regular links with all those in its network. To that end, we undertake many actions and processes at the international level.



A NETWORK OF TRAINERS MOBILISED IN THE FIELD

PELENC distributors are first and foremost ambassadors for the brand and its products. To assist them and strengthen their expertise with customers, they are trained by technical inspectors with extensive field experience. This system provides an appropriate solution for the end-user and ensures a consistent approach based on the specific needs of the market.



EFFICIENT AFTER-SALES SERVICE

PELENC's after-sales service not only meets the immediate needs of users, but also takes their feedback into account **to improve existing products and design new ones.**

To guarantee users a "manufacturer quality" servicing of their machines, PELLENC has recently redesigned its maintenance process. When PELLENC users entrust their machines to certified Pro Activ' Maintenance distributors, they can be sure of finding certified professionals who know what points to check, work with original parts, and use the appropriate tools.





A REPLACEMENT PARTS SERVICE THAT RESPONDS TO YOUR NEEDS FAST

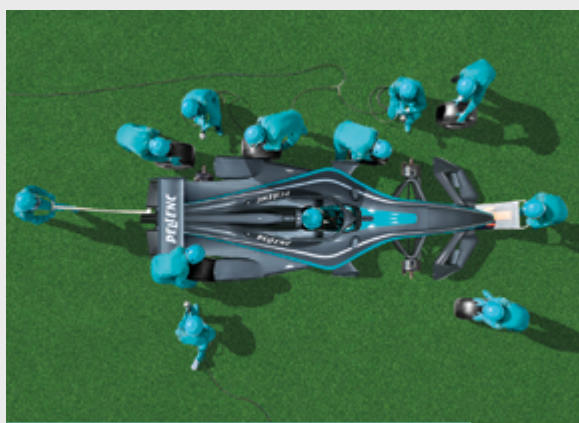
With stock-on-hand worth €30 million and Industry 4.0 processes, the rate of orders met with shipments of PELLENC replacement parts is over 98%; a very high service rate.

When machines are taken out of use for servicing, the many replacement parts directly available from our distributors lets PELLENC minimise downtime and keep the machine in use as much as possible throughout the seasons.



TURNKEY FINANCING SOLUTIONS

For any information about our financing solutions, please contact us: solutions.finances@pellenc.com



NOTES:

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NOTES:

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Distributor's stamp

PELENC

NATURE IS OUR DRIVER

   www.pellenc.com

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