

PELLENC



GREEN SPACES AND LOCAL AUTHORITIES

CATALOGUE 2019



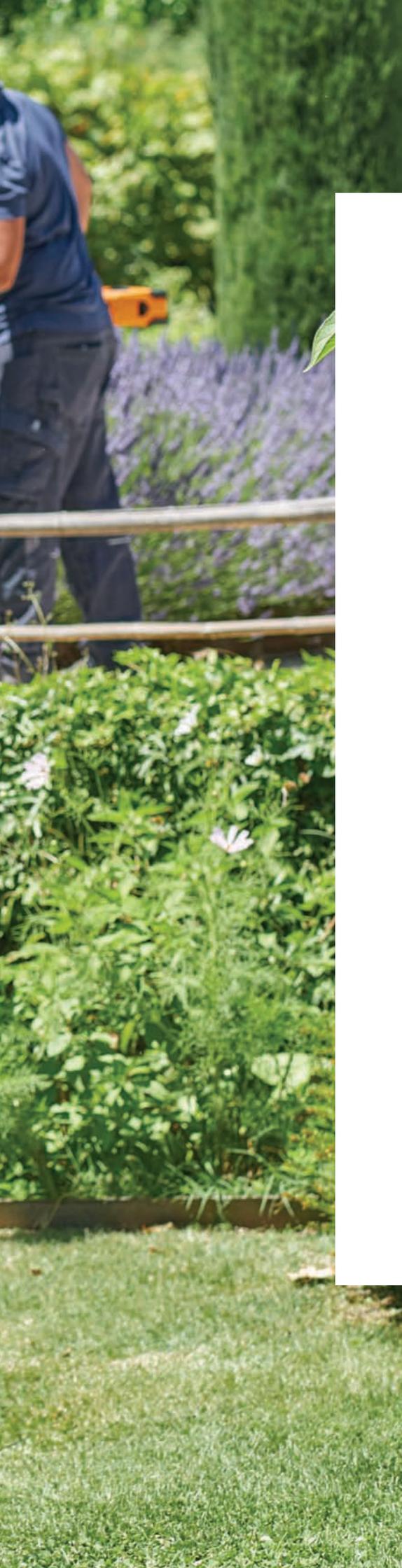


“

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 authorities, working closely with the sector to make human tasks easier while also increasing productivity. The 1,500 employees of the PELLENC group are committed to the values of excellence and thoroughness in their work and passionately committed to designing, producing, and marketing tools 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. Today, the PELLENC group is pushing its influence even further, with the support of a new governance structure which shares these values and this philosophy. Together we are pursuing our mission to work with nature, serving people.





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AN INTERNATIONAL DISTRIBUTION NETWORK



• Distributor countries

ALGERIA / ARGENTINA / AUSTRALIA / AUSTRIA
 BELGIUM / BOLIVIA / BRAZIL / BULGARIA
 CANADA CHILE / CHINA / CZECH REPUBLIC
 CYPRUS CROATIA / DENMARK / GUADELOUPE
 FINLAND FRANCE / GEORGIA / GERMANY / GREECE
 HUNGARY / IRELAND / ISRAEL / ITALY / JAPAN
 JORDAN / KOREA / LEBANON / LUXEMBOURG
 MACEDONIA / MAURITIUS / MOROCCO / MOLDAVIA
 NORWAY / NEW CALEDONIA / NEW ZEALAND
 NETHERLANDS / POLAND / PORTUGAL
 REUNION ROMANIA / RUSSIA / SAUDI ARABIA
 SLOVAKIA / SLOVENIA / SOUTH AFRICA / SWEDEN
 SWITZERLAND / TUNISIA / TURKEY / UNITED ARAB
 EMIRATES / UNITED KINGDOM / UNITED STATES.

EUROPE

📍 **PELLENC** (HEAD OFFICE)
contact@pellenc.com

📍 **PELLENC LANGUEDOC-ROUSSILLON**
info@pellenc-lr.com

📍 **PELLENC BORDEAUX-CHARENTES**
info@pellenc-bc.com

📍 **PERA PELLENC**
pera@pera.fr

📍 **PELLENC HD**
contact.phd@pellenc.com

📍 **PELLENC DEUTSCHLAND**
pellendeutschland@pellenc.com

📍 **PELLENC ITALIA**
info@pellencitalia.com

📍 **VOLENTIERI PELLENC**
info@volentieripellenc.com

📍 **PELLENC IBERICA**
pellenc@pellenc.es

📍 **FILPEL BOBINAS**

📍 **PELLENC SLOVENSKO**



PELENC IS A FRENCH GROUP WITH AN INTERNATIONAL PRESENCE

We have over 800 authorised distributors across every continent.

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

AMERICA

- 📍 **PELENC AMERICA**
pellencamerica@pellencus.com
- 📍 **PELENC SUD AMERICA S.A.**
info@pellenc.cl

AFRICA

- 📍 **PELENC MAROC**
pellenc.maroc@pellenc.com
- 📍 **PELENC SOUTH AFRICA**
pellencsouthafrica@pellenc.com

ASIA / OCEANIA

- 📍 **PELENC CHINA**
- 📍 **PELENC AUSTRALIA**
admin@pellenc.com.au

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



A DEMANDING ENVIRONMENTAL POLICY FOR THE LONG TERM

—
PELLENC undertakes a drive for sustainable-development by limiting the impact of its activities on the environment. The group is incorporating this idea across the board, from product design onwards.

PELLENC's environmental policy has the aim of reducing the impact of its activities on the environment, evaluating its development across the whole lifecycle of its products from the design stage onwards.

PRODUCTS DESIGNED FOR **LOW ENVIRONMENTAL IMPACT** FROM THE OUTSET

As part of its overall corporate policy, PELLENC takes an active role in environmental protection and the smooth running of the circular economy.

As a manufacturer and industrial company, we strive every day to limit our manufacturing and packaging waste, optimise our logistics, and finally save natural resources by choosing lithium-ion for our batteries. Our range of portable power tools have minimal CO₂ emissions. Eager to ensure continuing innovation in the design of our range of portable power tools up to the end of their service life, and subject to WEEE (Waste Electronic and Electrical Equipment) regulations, we have joined two government-approved organisations to create a partnership with our network for recovering tools and batteries at the end of their service life.



LIMITING THE IMPACT OF THE END OF SERVICE LIFE

The primary objective in the design of PELLENC products is a longer life span in professional working conditions. This delayed end of life significantly reduces environmental impact.

PELLENC also gives preference to recyclable materials and makes sure the parts used in its products bear material identifier codes to help recycling.

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

As for the batteries, the lithium-ion cells are 98%* recyclable.

Out of our concern for the innovative design of our range of portable power tools up to the end of their lives, we chose to join the following certified eco-organisations:

- **SCRELEC**, to manage the recycling of spent batteries. SCRELEC will handle the collection and recycling of your used lithium-ion batteries. Your PELLENC distributor will give you suitable storage containers for your spent batteries. SCRELEC - Member no. 384406.

- **ECOLOGIC**, to collect and process waste electronic and electrical equipment (known as WEEE or W3E). When a tool has come to the end of its service life, you can take it to your dealer or to any other collection point intended for that category of waste (Eco-system collection point, local disposal site, etc.).

Contact your dealer if you need further information about the conditions for collecting and returning your tools to their points of sale.

We also recommend that you visit the websites of these environmental organisations, where you will find useful explanatory videos about how the WEEE and battery disposal networks are organised.

LITHIUM-ION BATTERY



98%
RECYCLABLE*

** With a hydrometric recycling process, 98% of the lithium-ion cells are recyclable.*

OFFERING "ZERO EMISSIONS" BATTERY-POWERED TOOLS

Trailblazer for brushless motors and lithium-ion technology, in the last decade PELLENC has made massive investments to design, develop, and manufacture a full range of "zero emissions" portable power tools for maintaining green spaces and urban landscapes, fruit and olive tree-growing, and wine-growing. The aim was to offer a range of tools offering the same levels of performance (power, battery life, etc.) as their petrol equivalents, but without direct CO₂ emissions and with noise levels below the legal thresholds requiring the wearing of ear protection.

PELLENC has produced a carbon report for its portable power tools, meeting ADEME recommendations, in order to measure their direct and indirect greenhouse gas (GHG) emissions and compare them with the equivalent petrol tools. The results are striking: compared to equivalent petrol-fuelled tools, PELLENC portable power tools emit 120 times less greenhouse gas simply because they consume only electrical power.

CARBON FOOTPRINT	PETROL CHAINSAW	SELION + ULIB BATTERY	SELION + SOLERION
	DIRECT EMISSIONS + PETROL PRODUCTION	DIRECT EMISSIONS + ELECTRICITY PRODUCTION	DIRECT EMISSIONS
Carbon equivalent / hour (CO ₂)	4,084 g	34 g	0 g
Carbon equivalent / day (CO ₂)	24.5 kg	0.204 kg	0 kg
Carbon equivalent / year (CO ₂)	4,900 metric tons*	0.040 metric tons	0 metric tons

*Calculation based on 200 days of actual work.

MEETING THE ZERO PHYTO GOAL

The energy transition law expedited the process of banning the use of phytopharmaceutical products in public spaces, bringing the deadline forward to 1 January 2017. While many towns have already taken this step, most have been obliged to find and fund alternative solutions.

PELLENC, a vital partner for local authorities and a pioneer in the use of clean technologies in its range of portable power tools, has an environmentally-friendly, cost-effective package for responsible maintenance of green and urban spaces.

This range consists of two tools for weeding any surface likely to be found in the urban environment, from gravel to tarmac, as well as soil and sand. The EXCELION 2000 brush cutter with its CITY CUT cutter head offers weed control with no scattering of debris on any

surface: gravel, soil, sand, or stabilised bitumen. The CULTIVION soil cultivator, specially adapted for working the ground, allows long-term weed removal and encourages soil aeration, at a very fast working rate.





PRIZE FOR MAJOR COMPANIES

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



GOLDEN DECIBEL

awarded to the Airion in 2011 by the French National Noise Council.

REDUCING NOISE POLLUTION

PELLENC portable power tools comply with the directives:

- N° 2003/10/CE relating to minimum health and safety provisions on workers' exposure to risks from physical agents (noise);
- 2000/14/CE, on noise emissions from equipment used outside buildings.

PELLENC portable power tools run on electricity, with brushless motors. This makes them among the quietest tools on the market, in contrast to petrol tools. 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. So, even its low noise emissions are limited during cutting; good for the user and the neighbourhood.

PELLENC tools have noise levels below the threshold set by European standards to require the wearing of hearing protection (<85 dB).

SELION PRUNER



64 x LESS NOISE

than a petrol chainsaw of equivalent power.

PROCESSES AND SUPPLY CHAIN INCORPORATING THE IDEA OF **SUSTAINABLE DEVELOPMENT**

In line with its environmental policy, PELLENC implements manufacturing processes which make the most of this idea of sustainable development, incorporating them into its supply-chain and logistics-flow optimisation policy.

REDUCING AND OPTIMISING PACKAGING

The PELLENC group has rolled out a supply-chain policy aimed at cutting the quantity, volume, and weight of packaging, in order to optimise the transport of goods and thus limit the environmental impact in terms of fuel consumption and greenhouse gas emissions. This policy also helps limit the direct impact of packaging on the environment (waste output).

Packaging has been removed in favour of “bulk” wrapping for small, high-consumption supplies (screws and fittings, seals, etc.). This is also the case for medium-sized parts, which are not fragile, and are simply film-wrapped.

OPTIMISING LOGISTICAL FLOWS

From the design stage, PELLENC incorporates the dimensional constraints associated with transporting its machines, equipment and tools to make them as compact as possible, thus optimising transport volumes.

The group has invested in a special software package for maximising pallet capacity, according to destination at both national and international level, integrating internal (production) and external (distribution) flows. This software also calculates the optimal route for trucks to serve the delivery points. Together with improved packaging (bulk, skin pack, etc.) this has cut transport costs per part by 30% and reduced the impact of transport on the environment proportionally.

Finally, PELLENC gives preference to maritime consolidation, for the most efficient shipment of containers. This cooperative transport service with other companies enables optimum filling of containers, and thus limits the number of shipments.





Refurbishment of the Pertuis factory in France and the new factory at Jaen in Spain.



A STRONG **ECO-BUILDING** POLICY

PELENC takes into account the impact of buildings and production on energy costs and the well-being of the teams working in them.

REDUCING ENERGY CONSUMPTION

In terms of eco-building, the PELENC group's policy operates at two levels: design of buildings, mainly aimed at keeping heat losses to a minimum and optimising energy and water consumption; production of energy reports to monitor the actual performance of the buildings.

By way of example, the latest PELENC eco-building projects (new 10,000 m² factory at Jaen in Spain, refurbishment of the factory at Pertuis, a new PELENC Morocco building) incorporate the following features:

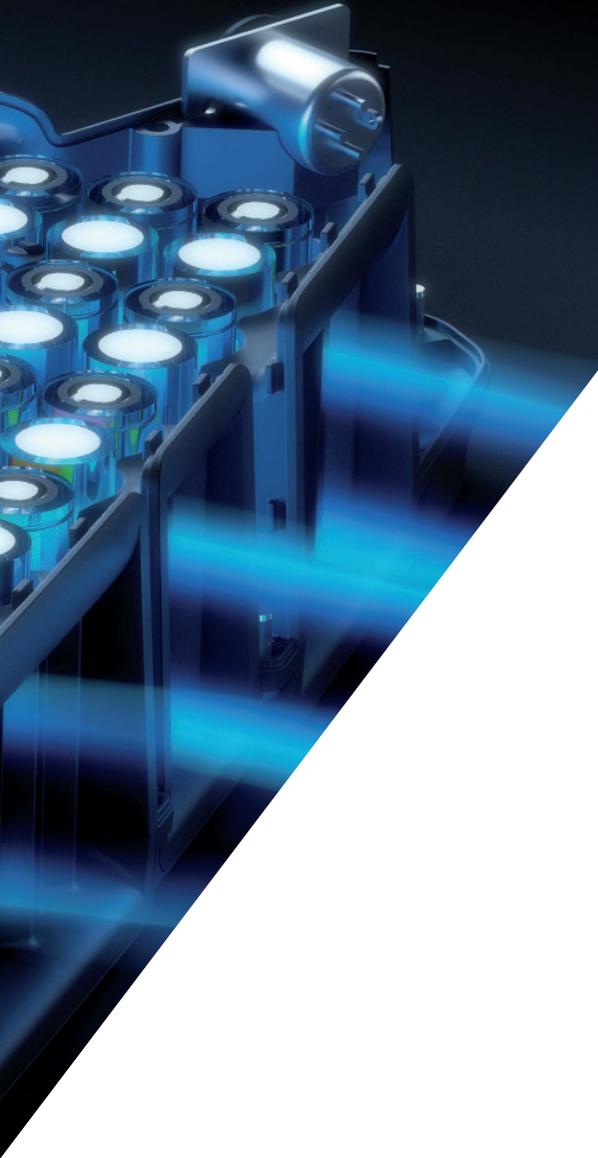
- High-efficiency condensing boilers;
- Chilled water used to cool buildings (no greenhouse gases);
- Water treatment (separation and treatment of waste water, rainwater and hydrocarbons);

- Solar power production (PV);
- Automatic lighting controls;
- And more.

Finally, PELENC has produced an energy report showing that its eco-building policy is bearing fruit: measurements made on the head office buildings in Pertuis indicate energy consumption (electricity and heating) 28% (offices) to 80% (workshops) below average for buildings of comparable size in the same sector of activity as PELENC (source: 2008 energy report – CEREN).

100% PELLENC TECHNOLOGIES*





PELENC EXPERTISE

As a trailblazer in portable power tools, PELLENC added DC motor technology to its first pruning shears from 1987, then developed its own brushless motors for its full range of portable power tools. The brushless motors made by PELLENC bring performance, reliability and durability to your tools, while reducing their power consumption, weight and overall size. It paves the way to precise, fatigue-free work.

***PELENC designs and manufactures its products, including the motors and batteries.**

3-YEAR WARRANTY
ON PELLENC BATTERIES

PELENC EXPERTISE

BATTERIES 14 YEARS OF EXPERIENCE IN THE FIELD

High-quality lithium-ion cells, ultra-compact assembly system

Weldless connections

Natural ventilation system to deliver more power continuously

Electronic charge and discharge control board inside a waterproof casing

-  **POWERFUL**
Improved power to weight ratio, professional on-board capacity
-  **ENVIRONMENTALLY FRIENDLY**
Zero CO₂ emissions
80% recyclable
-  **MULTIFUNCTION**
Widest range of battery backpacks on the market
-  **DURABLE**
The longest service life on the market
-  **IP54 SEALING**
Water and dust resistant
-  **HARDY**
-  **LIGHTWEIGHT**
-  **COMPACT**

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.

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.

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.

4. Batteries that last - accurate diagnostics and repairability

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

5 YEARS OF UPSTREAM TEST

simulations in harsh usage conditions by PELLENC

BALANCE SYSTEM

A high-performance control and electronic balancing system that ensures a balanced charging of all the cells

WELDLESS CONNECTION PROCESSES

suitable for professional use.

LIFE SPAN

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

26 YEARS OF EXPERIENCE IN BRUSHLESS MOTORS

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



BATTERY LIFE
boosted

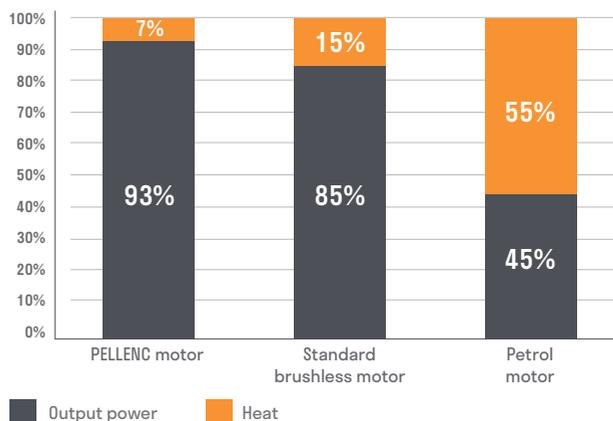


LIFE SPAN
extended
Very low wear



HIGH-PERFORMANCE

COMPARISON OF BEST PERFORMANCE: PELLENC MOTORS ACHIEVE 93% EFFICIENCY



HEAT HAS A SERIOUS IMPACT ON:

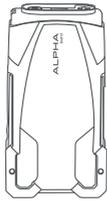
TOOLS

The heat must be dissipated with a built-in fan or a larger radiator, in which case the tool will be heavier or more vulnerable to picking up dirt.

BATTERIES

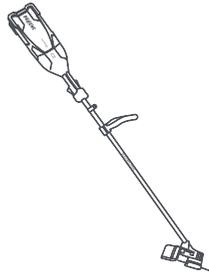
The heat uses up power capacity unnecessarily. PELLENC delivers an additional 8% (= 15%-7%) of battery capacity for working.

MULTIFUNCTION



**ALPHA
BATTERIES**

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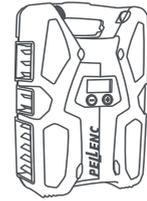
**EXCELION
ALPHA**

PAGE 28



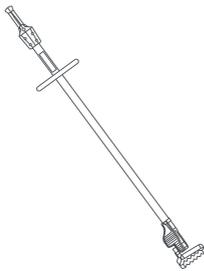
**HELION
ALPHA**

PAGE 30



**ULIB
BATTERIES**

PAGE 32



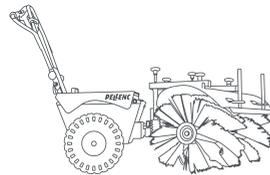
CULTIVION

PAGE 86



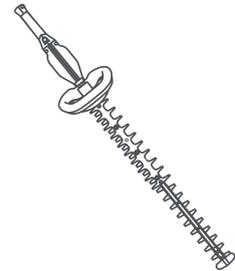
AIRION 3

PAGE 94



CLEANION

PAGE 102



HELION

PAGE 110



THE ESSENTIALS OF BATTERY-POWERED TOOLS

for professional use:



Durability and hardness



Performance



Technological leader

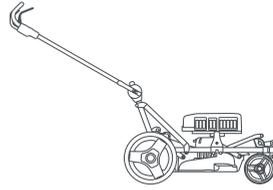


Cost-effectiveness



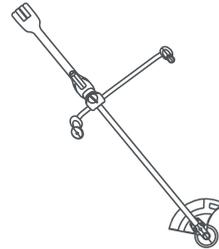
COMFORT HARNESS

PAGE 38



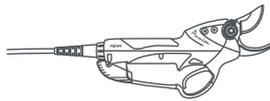
RASION RANGE

PAGE 62



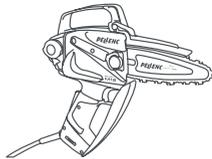
EXCELION 2000

PAGE 70



PRUNION

PAGE 118



SELION M12

PAGE 126



SELION C21 HD AND TELESCOPIC

PAGE 134



The proximity of the design to the user's needs



Ergonomic excellence, comfortable to use



Safety



Respect for the environment

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

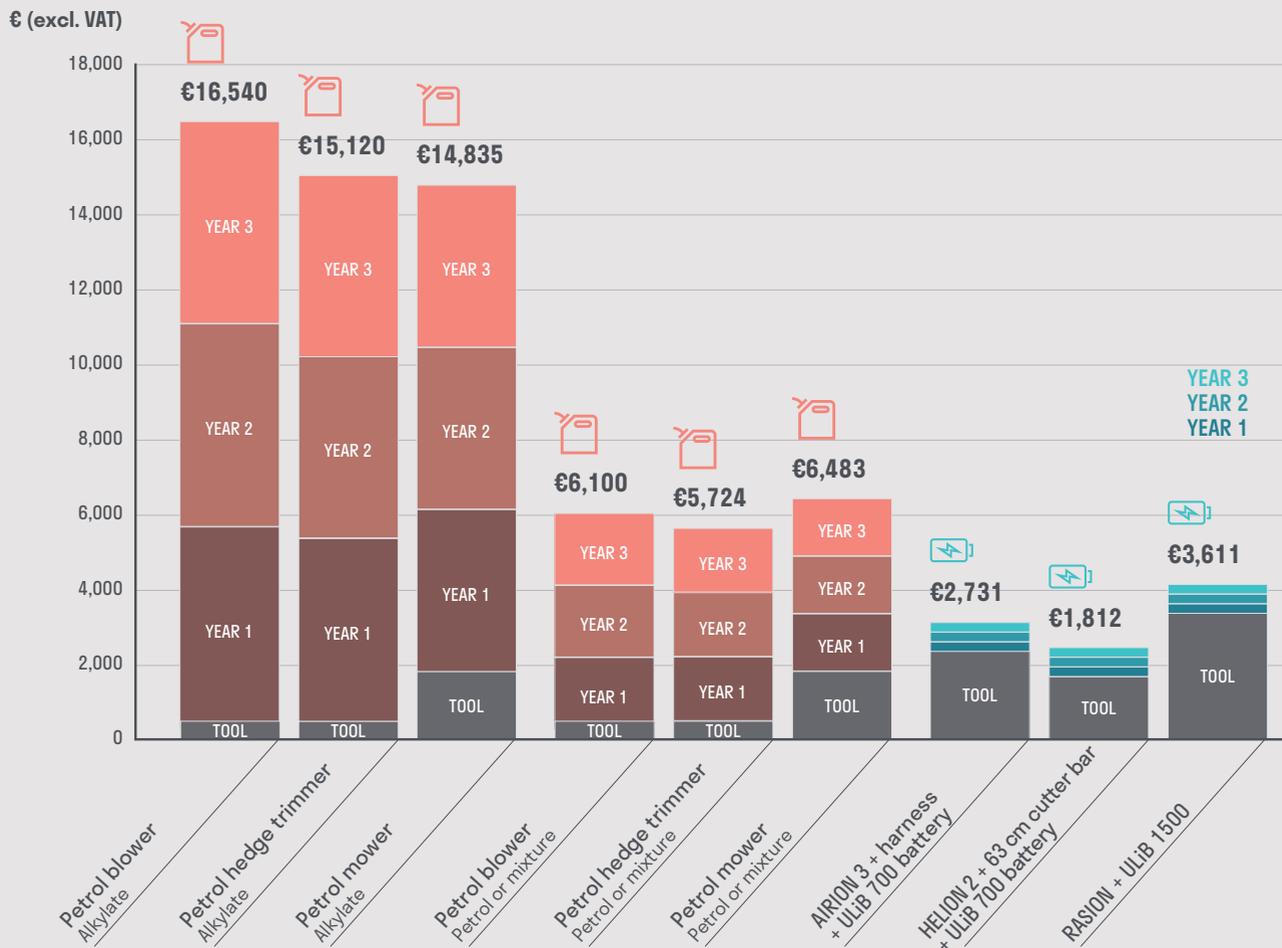
Note: maintenance and management costs are not included in this calculation.

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

ROI - CALCULATE THE RETURN ON INVESTMENT



€20,020

YEAR 3	€6,480
YEAR 2	€6,480
YEAR 1	€6,480
TOOL	€580

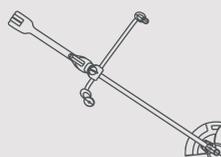
Petrol brush cutter
Alkylate



€7,492

YEAR 3	€2,304
YEAR 2	€2,304
YEAR 1	€2,304
TOOL	€580

Petrol brush cutter
Petrol or mixture



€3,067

YEARS 1, 2, AND 3 €50.40/YEAR

TOOL €2,916

EXCELION 2000 + TAP CUT
+ ULiB 1200 battery on comfort
harness



DATA USED

- Battery charging: €0.14
- Petrol mixture: €1.60/litre
- Alkylate mixture: €4.50/litre
- Daily consumption: 4 litres
- Price per day of petrol mixture: €6.40
- Price per day of alkylate mixture: €18
- Days worked/year: 240

SAVINGS WITH EACH USE

7 € / DAY

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

80 LITRES / MONTH

alkylate petrol mixture saved





New

ALPHA RANGE

PETROL HAS RUN ITS COURSE!

—
The new Alpha range of professional tools with on-board battery consists of a powerful and well-balanced grass trimmer and pole hedge trimmer.

Quick and easy to use, they can be used with two battery models, the 260 and the 520. These two on-board units offer great battery life and are compatible with the other tools in the PELLENC range. An alternative to the petrol motors, without compromises!

ALPHA RANGE

ALPHA RANGE ESSENTIALS

Testimonial



POWERFUL



ERGONOMIC



ADAPTABLE



BATTERY LIFE

"It's a well-balanced machine with an identical or even higher cutting power and speed than petrol tools. Ergonomics is another strong point on this machine. It's very easy to handle and very precise, even at arm's length. It doesn't have an exhaust pipe, there is no smoke or risk of burning. I was also surprised by the long battery life. We tend to think that battery-powered tools don't last long, but in reality, they are better than petrol tools. I was not at all sure that battery-powered was for me, but I found what I was looking for in these tools."

Matthieu Gonnu,

Helion Alpha pole hedge trimmer, France (84)

POWERFUL

- **Grass strimmer**
Provides a cutting diameter of 400 mm and up to 6,400 rpm with 3 mm wire.
- **Hedge-trimmer**
Mechanics and cutter bar designed for large cuts with 33 mm tooth opening and 23 mm height.



ERGONOMIC

- Centre of gravity designed for optimal balance
- **Grass strimmer**
Carrying strap with position holding.
 - **Hedge-trimmer**
Offset cutter bar for a better working position.





ADAPTABLE

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

BATTERY LIFE

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

ALPHA RANGE BATTERIES



Marketing



video

ALPHA HARNESS

New



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

Ref. 57194

ALPHA COUNTERWEIGHT

New



The counterweight can be clipped on in place of the Alpha battery to allow for another PELLENC battery (e.g. 1200) to power the tool.

Ref. 57195

TECHNICAL FEATURES

3-YEAR WARRANTY
ON PELLENC BATTERIES



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	3 hrs. 45 min.	6 hrs. 30 min.
3.4 A charger	2 hrs. 45 min.	4 hrs. 30 min.
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	Optional	Optional
Compatibility with tools	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



For adapting the 520 battery to the Rasion mower.

Ref. 57194

GRASS STRIMMER

EXCELION ALPHA

The powerful new Excelion Alpha professional grass trimmer and its 520 on-board battery compares very favourably to petrol tools. Its new design makes it straightforward and quick to use while also ensuring ease of handling. It delivers impressive productivity with a motor 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.



Marketing



video

2-YEAR WARRANTY
-
Tool with IP54 sealing



PELLENC ADVANTAGES



Carrying strap fixed on the shoulder with pectoral support that avoids the need for the user to move their neck



For mowing tall grass, embankments, ditches, finishing work

TECHNICAL FEATURES

	GRASS STRIMMER
Max. power - W	900
Weight (excluding cutting tool, casing, and battery) - kg	3.1
Weight (full tool with ALPHA CUT and casing, without battery) - kg	3.6
Max. rotation 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
Cutter heads	ALPHA CUT
*Battery life with 260 battery	40 min. to 1 hr. 45 min.
*Battery life with 520 battery	1 hr. 30 min. to 3 hrs. 30 min.
Total tool length (battery > cutter head) - cm	189

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



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

*Insulated Metal Substrate

ENERGY

MOWING

BRUSH CUTTING

WEEDING

CLEANING

CUTTING

PRUNING

SERVICES

HEDGE TRIMMER

HELION ALPHA



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 ensures very high output and makes it possible to carry out cuts up to 33 mm in diameter. And its quietness will easily win over the last holdouts still using petrol tools.



Remaining battery-power display and tool start-up



3 cutting speeds : 3,200 / 3,500 / 3,800



Motor + IMS* technology card 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 cutter head for transport

Ergonomic secondary cutter bar adjustment handle

Total tool length: 240 cm

Marketing



video

* Insulated Metal Substract

2-YEAR WARRANTY
-
Tool with IP54 sealing



PELLENC ADVANTAGES

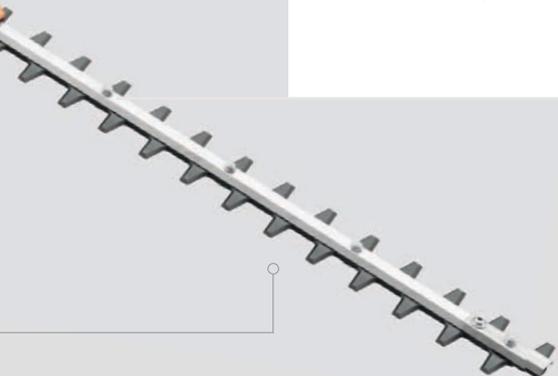


Ergonomic button
Tilt angle: from -90° to +45°:
10 positions

TECHNICAL FEATURES

	HEDGE TRIMMER
Max. power - W	1,200
Weight (without battery) - kg	3.9
Weight (with the 260 battery) - kg	6.4
Total tool length - cm	240
Cutting speed - cuts / min	3 speeds: 3,200 / 3,500 / 3,800
Available cutting length - cm	51
Tooth pitch - mm	33
Tooth spacing - mm	40
Tooth height - mm	23
Tooth thickness - mm	2.25
*Battery life with 260 battery	2 to 3 hrs.
*Battery life with 520 battery	4 to 6 hrs.

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





PELENC
Ultra Lithium 1500





ULIB 1200 AND 1500

A NEW ERA FOR ELECTRICAL POWER

The ULiB 1200 and 1500 batteries have been designed to meet the needs of professionals for performance, comfort, and durability.

In partnership with gardening professionals, PELLENC has 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 ESSENTIALS



PRODUCTIVE



ERGONOMIC



DURABLE



COST-EFFECTIVE



PRODUCTIVE

- Highest stored-energy capacity on the market.
- Compatibility: Can be used with all the products in the PELLENC portable power tools range.
- Suitable for use in all weather conditions with IP54 sealing.
- Instant start-up in all weather conditions.
- 50% longer battery life for the 1500 battery and 20% longer battery life for the 1200 compared to the ULiB 1100
 - > With the ULiB 1500: up to 5 hours of work in real-life conditions with the RASION range of mowers
 - > Up to 6 hours working time in real-life conditions with the AIRION 3 blower

ERGONOMIC

- Easy Clip system: can be easily clipped and unclipped on all supports: adapter plate for 1100-700 and new generation comfort harness for carrying.
- 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 four reflectors and flashing display.





3-YEAR WARRANTY
ON PELLENC BATTERIES



DURABLE

- Very high-capacity lithium-ion cells tested in severe working conditions.
- Over 1,300 charge cycles*, service life longer than 5 years (one cycle corresponds to one full charge and one full 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 and 135 litres of blending oil.

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

PRODUCT ADVANTAGES



Battery on/off buttons at the top and the bottom of the battery, accessible in both positions when the battery is carried.



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

Ultracompact cell assembly system

Tool connector with protected contacts

Ergonomic handle, easy to transport

Quick-clip system on harness

PELLENC patent



Tool connector with protected pins.

Upper ON/OFF button

Backlit screen
Maximum efficiency thanks to natural ventilation of the cells

Lower ON/OFF button

Two accessible power buttons

Charge



New

The 1200 battery replaces the 1100 battery.

Marketing



video

BATTERY DISPLAY

Back-lighting

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



Natural ventilation 360°

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

PELLENC patent



Reversible battery on its comfort harness

Tool connection at the top or the bottom.

TECHNICAL FEATURES

	ULiB 1500 BATTERY		ULiB 1200 BATTERY	
Weight without harness - kg	7.5		6.3	
Harness weight - kg	1.5		1.5	
Power available - W/h	1,527		1,221	
Compatible chargers	3.3 A charger	Quick charger	3 A charger	Quick charger
Recharging to 100%	12 hrs.	7 hrs.	10 hrs.	5 hrs. 30 min.
Recharging to 90%	10 hrs. 30 min.	5 hrs.	8 hrs. 30 min.	4 hrs.
Voltage - V	43.6		43.6	
Battery life	+ 50% / 1100 battery		+ 20% / 1100 battery	
Sealing	IP54		IP54	



PELENC
1200

PELENC



1200 AND 1500 HARNESS

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

1200 AND 1500 HARNESS

1200 AND 1500 HARNESS ESSENTIALS



ERGONOMIC



ADAPTABLE



TOUGH



PATENTED

ERGONOMIC

- 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.
- The battery quickly clips onto its support.
- Unparalleled comfort, allowing longer working time.
- Designed to be carried for several hours.



ADAPTABLE

- Connector compatible with all PELLENC tools.
- Can be adapted to the PELLENC 700 and 1100 batteries.





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.



PATENTED

3 patents:

- Overall design of the carrying system.
- Sliding chest loop, adjustable up or down, suitable for women.
- X-shape belt configuration: optimal thickness for perfect size matching.

PRODUCT ADVANTAGES

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 seven different levels on the harness. Adapts to all body types and working habits (operator in a standing or leaning position).

Support for quick connector or ram loop for cable routing

Chest strap compatible with the brush cutter and blower

PELLENC patent

Control straps for holding the battery securely on the back

Ram loop



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

Quick connector



Extension strap for adjusting the battery weight on the hips

X-shaped extra thick belt for all body types with quick clamping/release

PELLENC patent

PELLENC patent
Overall design

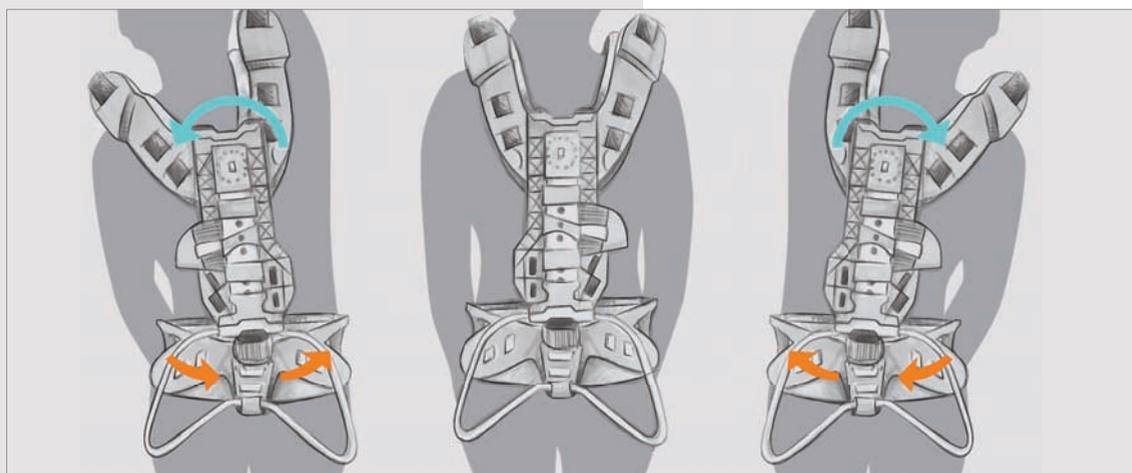
Adjustable battery height

Ergonomic lever for easy sliding of the harness to seven different levels.



Back adjustment

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



TECHNICAL FEATURES

	CARRYING
Weight - kg	1.5
Battery compatibility	1500 and 1200 batteries Adapter plate for 700 and 1100 batteries
Harness adapter kits	AIRION 3 strap and EXCELIION 2000 carrying strap



PELLENC

Ultra
Lithium
Battery
1100

PELLENC

Power Converter 1000

Pellenc Ultra Lithium Ion Battery in / 230 V AC out 50/60 Hz



ENERGY MANAGEMENT

TAILOR-MADE BATTERY CHARGING

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

The chargers supplied as standard with the PELLENC battery range provide smart charging for optimal battery durability. Standard or quick chargers, the range also includes a solar charger and a multi-battery charging station. The energy stored in PELLENC batteries can be used to power other electric tools.

PRODUCT ADVANTAGES



SOLERION CONVERTER

AN INEXHAUSTIBLE SOLAR RECHARGING SYSTEM

—
Work effectively and in harmony with nature with the Solerion solar panel converter.

Solerion is installed on the operating site, taking maximum solar energy to recharge the battery most efficiently, ensuring the PELLENC tools are constantly productive.

TECHNICAL FEATURES

Features of the solar panels adaptable to the Solerion Converter:

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

PRODUCT ADVANTAGES



STANDARDS

1.2 A - 2.2 A - 3.3 A

Once the battery is completely discharged, the tool stops automatically and the battery buzzer beeps intermittently. The standard charger, which is provided with the battery (1.2A charger for the 250 and 400 batteries, 2.2 A charger for the 700 and 1100, and 3.3A charger for the 1500) can then recharge your battery over a variable period. 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. The standard charger comes as standard with the battery and harness.



SPEED

"QUICK CHARGER"

The quick charger will help boost battery charging. With the quick charger, the charging time for the 1200 and 1500 batteries is reduced by an average of 3 to 5 hours, bearing in mind that 1.5 to 3 hours is sufficient for capacity to reach 70%. The Quick Charger is an optional extra. The faster a battery cell is charged, the faster it ages.

■ AN EXCEPTIONAL SERVICE LIFE

Intelligent charging system that optimises the service life. 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	700	1200	1500
1.2 A standard charger	6 hrs.	-	-	15 hrs. 30 min.	24 hrs.	30 hrs.
Max. 2.2 A standard charger	3 hrs. 30 min.	3 hrs. 45 min.	6 hrs. 30 min.	8 hrs. 30 min.	15 hrs.	18 hrs.
Max. 3.3 A standard charger	-	2 hrs. 45 min.	4 hrs. 30 min.	5 hrs.	10 hrs.	12 hrs.
Max. 7.6 A Quick Charger	-	1 hr. 45 min.	2 hrs. 30 min.	3 hrs. 15 min.	5 hrs. 30 min.	7 hrs.
Solerion converter: low sunshine	-	-	-	6 hrs. 40 min.	-	-
Solerion converter: normal sunshine	-	-	-	3 hrs. 30 min.	-	-

* 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. Batteries can be charged at any time, there is no memory effect.

PRODUCT ADVANTAGES



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



POWER CONVERTER

YOUR BATTERY BECOMES A GENERATOR



BATTERY LIFE

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



MULTIFUNCTION

Compatible with tools and devices that use mains current $\leq 1,000W$ (drill, angle grinder, 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 CONVERTER	
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 1,000 W maximum - A	4.5	
Output frequency - Hz	50	60
Weight - kg	2.3	
Battery compatibility	250 - Alpha 260 - Alpha 520 - 700 - 1200 - 1500	

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

CHARGING STATION



PELENC

CE

Warning symbols: a house icon, a lightning bolt icon, and a recycling symbol.





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 BASICS



OPTIMISED TIME



CONNECTED



SAFE



COST-EFFECTIVE

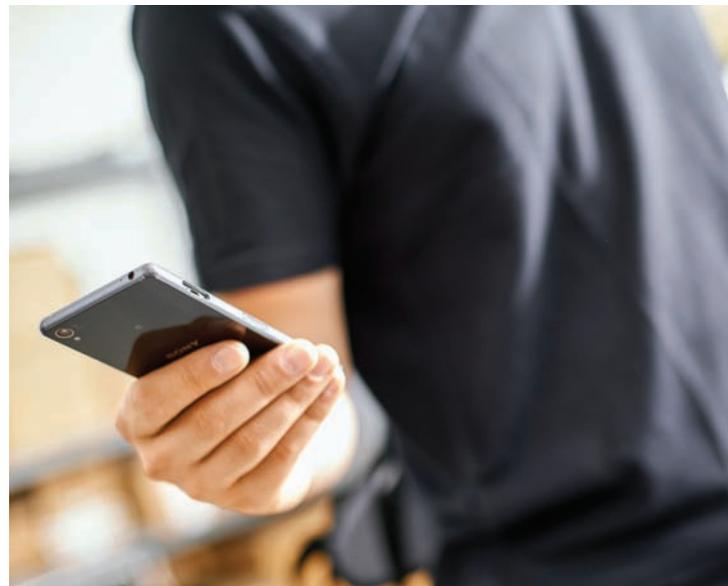
OPTIMISED TIME

- 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.



* 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.

PRODUCT ADVANTAGES

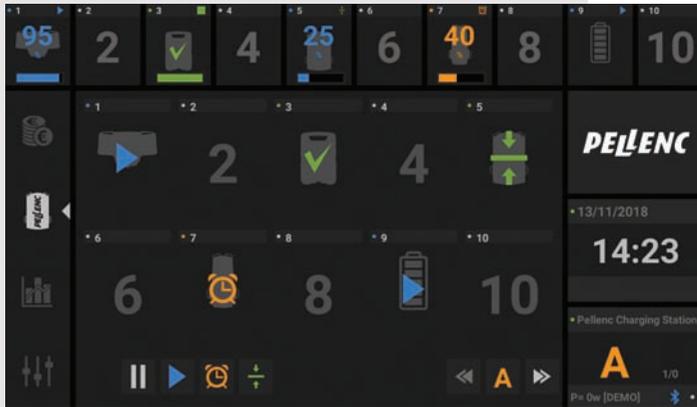


Touch screen access to the Charging Station app.



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 emissions compared to a petrol tool
- Savings in euros compared to a petrol tool

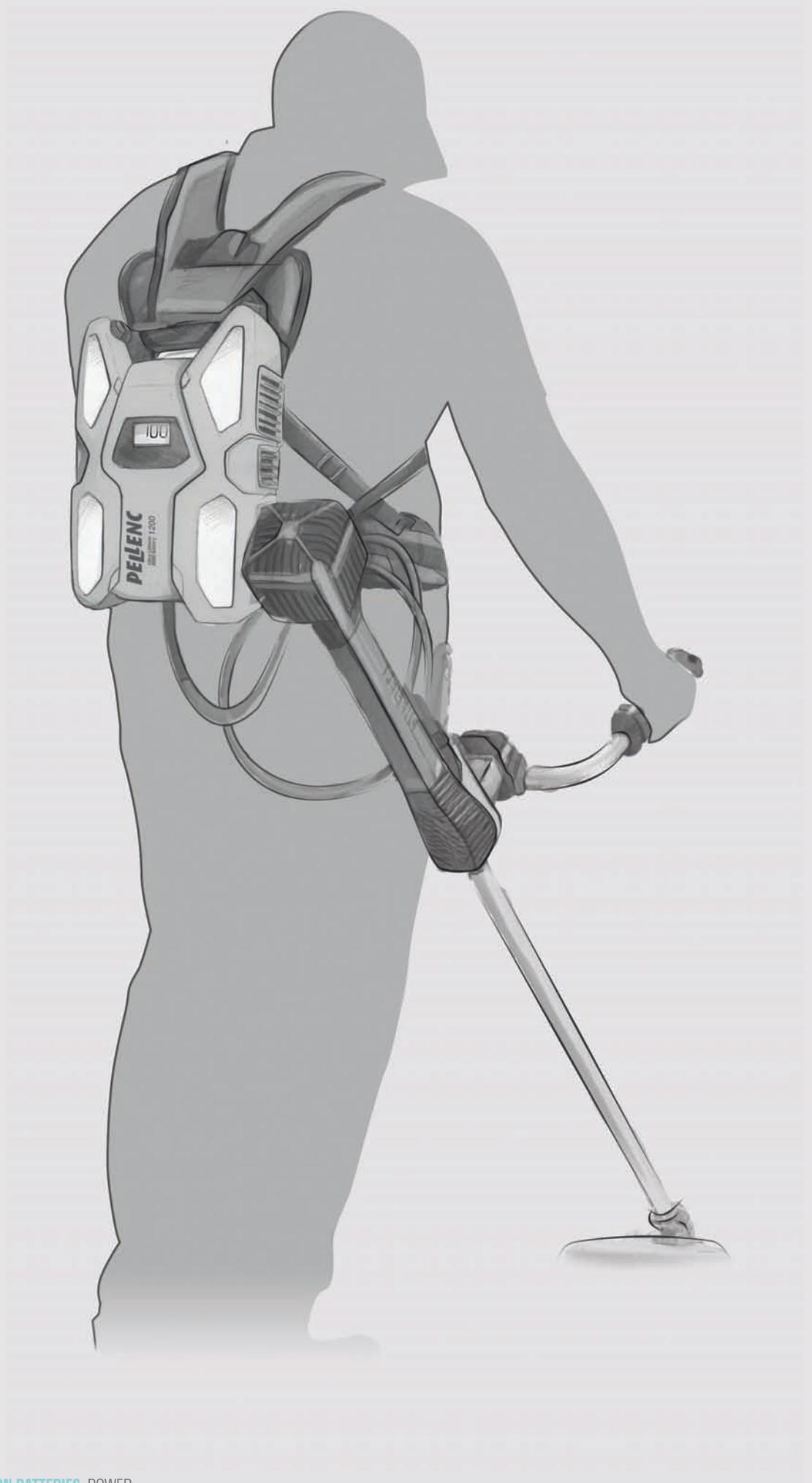


Real-time battery management:

- 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)	800 x 1,000 x 400
Weight without charger - kg	83
Weight with 10 chargers - kg	96



A RANGE OF MULTIFUNCTION BATTERIES



ULiB 1500

<p>RASION RANGE OF mowers</p>	<p>CLEANION sweeper</p>	<p>AIRION 3 blower</p>	<p>EXCELION AND EXCELION ALPHA brush cutter and grass trimmer</p>	<p>HELION AND HELION ALPHA RANGE OF hedge-trimmers</p>	<p>CULTIVION Soil cultivator</p>	<p>SELION RANGE OF pruning chainsaws</p>
5 HRS.*		6 HRS.*		UP TO 3 DAYS		
Battery life →						



ULiB 1200

<p>RASION RANGE OF mowers</p>	<p>CLEANION sweeper</p>	<p>AIRION 3 blower</p>	<p>EXCELION AND EXCELION ALPHA brush cutter and grass trimmer</p>	<p>HELION AND HELION ALPHA RANGE OF hedge-trimmers</p>	<p>CULTIVION soil cultivator</p>	<p>SELION RANGE OF pruning chainsaws</p>
4 HRS.*		5 HRS.*		UP TO 2.5 DAYS		
Battery life →						



ULiB 700

<p>RASION RANGE OF mowers</p>	<p>CLEANION sweeper</p>	<p>AIRION 3 blower</p>	<p>EXCELION AND EXCELION ALPHA brush cutter and grass trimmer</p>	<p>HELION AND HELION ALPHA RANGE OF hedge-trimmers</p>	<p>CULTIVION soil cultivator</p>	<p>SELION RANGE OF pruning chainsaws</p>
2 HRS. 30 MIN.*		3 HRS.*		UP TO AN ENTIRE DAY		
Battery life →						

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

A RANGE OF MULTIFUNCTION BATTERIES



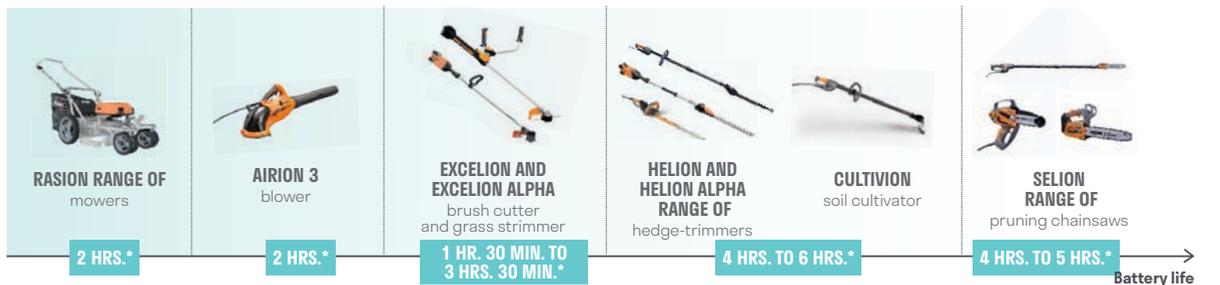
250



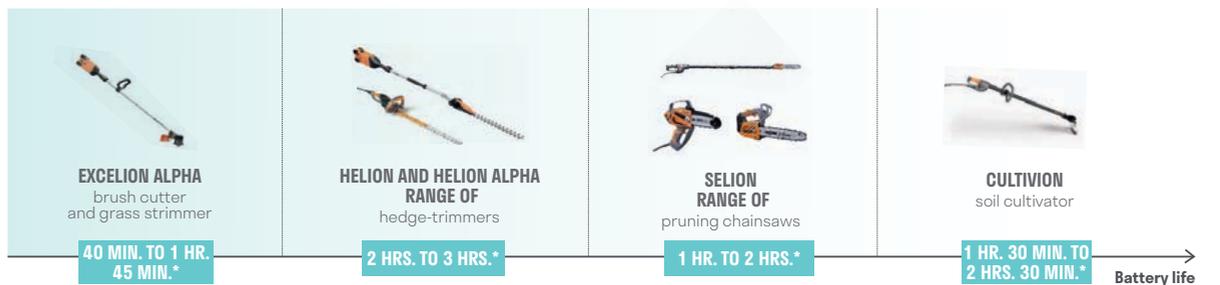
150P



ALPHA 520



ALPHA 260



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

A BATTERY OF ADVANTAGES



	150P	250	ALPHA 260	ALPHA 520	ULIB 700	ULIB 1200	ULIB 1500
Weight (without harness) - kg	0.845	1.68	2.5	3.6	4.9	6.3	7.5
Voltages - V	43.2	43.2	43.2	43.2	43.2	43.6	43.6
Capacity - Ah	3.0	5.8	6	12	17.4	28	35
Stored energy - Wh	130	250	260	520	752	1,221	1,527
Average service life - Cycles	800	1,000	800*	800*	800 to 1,200	More than 1,300**	More than 1,300**
Charging time to 100% - hrs.	8	5	3 hrs. 45 min. (2.2 A) / 2 hrs. 45 min. (3.4 A)	6 hrs. 30 min. (2.2 A) / 4 hrs. 30 min. (3.4 A)	9	10	12
Quick charge to 100% Quick Charger - hrs.	-	-	1 hr. 45 min.	2 hrs. 30 min.	3 hrs.	5 hrs. 30 min.	7 hrs.

ALPHA HARNESS

New



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

Price €95 (excl. VAT) - Ref. 57194

ADAPTER PLATE

New



BATTERY 700 or 1100 adaptor plate.

ref. 139091

ALPHA CHARGING DOCK



Wall kit for charging Alpha batteries.

ref. 5657240

STORAGE BOX



Compatible with ULiB 400, 700, 1100, 1200***, 1500***, Alpha 260, and Alpha 520 batteries. Storage box that can contain 1 battery (or 2 batteries for the Alpha range), 1 harness, and 1 charger.

ref. 139091

* On slow or quick charging.

** On slow charging only.

*** Without the comfort harness.





RASION

THE LIGHTEST PROFESSIONAL MOWER

—
Combine productivity and long battery life with this range of mowers, designed to improve your working conditions.

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.



Innovation Award
OGA - 2016

Commendation
AGRIVELANTE - 2015

Innovation Award
SMCL EXHIBITION FOR FRENCH MAYORS AND LOCAL AUTHORITIES - 2014

Environment & Business Awards 2014
Eco-products for Sustainable Development category
FRENCH MINISTRY OF THE ENVIRONMENT - 2014

RASION ESSENTIALS

Testimonial



PRODUCTIVE



BATTERY LIFE



ERGONOMIC



DURABLE

The engineering behind the Rasion mower is quite simply amazing. We were astounded by the way the ground speed, blade speed, and cutting height can be adjusted so easily. We use it in our memorial garden and in our nature reserve near the stadium.

John Ledwidge,

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

PRODUCTIVE

- Optimised efficiency thanks to 4 blade-rotation speeds.
- Perfect mowing thanks to synchronised dual blades with a cutting diameter of 60 cm.
- Extra-wide cutting width to cover more area.
- Optimised compacting of box contents thanks to finer mowing: 70 litres, i.e. more than 10 kg of grass.
- Automatic jam clearing. PELLENC patent
- Even mowing with no wheel traces on the ground.
- Time-saving thanks to adaptation of the blade-rotation speed based on the density of the grass (ICC infrared sensor*).
- Work in all weather conditions: IP54 sealing.

* PELLENC patented Intelligent Cutting Control



BATTERY LIFE

- Up to 5 hours of mowing, i.e. 5,000 m² with a 1500 battery.





BREAK-EVEN POINT

 **€14,835**

YEAR 3	€4,320
YEAR 2	€4,320
YEAR 1	€4,320
TOOL	€1,875

Petrol mower
Alkylate

 **€6,483**

YEAR 3	€1,536
YEAR 2	€1,536
YEAR 1	€1,536
TOOL	€1,875

Petrol mower
Petrol or mixture

 **€3,611**

YEARS 1, 2, AND 3	€50.40/YEAR
TOOL	€3,460

RASION + ULiB 1500 battery

DATA USED

- Battery charging: €0.14 (excl. VAT)
- Petrol mixture: €1.60/litre (excl. VAT)
- Alkylate mixture: €4.50/litre (excl. VAT)
- Daily consumption: 4.2 litres
- Price per day of petrol mixture: €7.20 (excl. VAT)
- Price per day of alkylate mixture: €18.90 (excl. VAT)
- Days worked/year: 240

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

ERGONOMIC

- Easy to manoeuvre thanks to Zero Turn front swivel wheels and their featherweight composition.
- Lightweight: less than 30 kg.
- The handlebar and handle can be adjusted to suit all body types.
- Compact.
- Safe cleaning.
- Transport and storage position.

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.

PRODUCT ADVANTAGES

RASION BASIC PUSH MOWER



RASION EASY SELF-PROPELLED MOWER

INTUITIVE CONTROL

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



New

IMS** card based on LED technologies, increases electronic capacity and improves heat exchange, while extending the limits of the machine.

RASION SMART SELF-PROPELLED MOWER



New

IMS** card based on LED technologies, increases electronic capacity and improves heat exchange, while extending the limits of the machine.

* Intelligent Cutting Control - PELLENC patent
** Insulated Metal Substract

2-YEAR WARRANTY
-
A mower with IP54 sealing



Marketing



video

Getting started



video

Mowing comfort

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

Automatic jam clearing: reverse rotation of the blades when excess grass is detected.



ICC* infra-red vegetation detector

Space saving

Compact and lightweight.

Cleaning and storage position.

Secure transport position (parking brake).



PELLENC ADVANTAGES



Cutting adjustment

Centralised cutting height adjustment: manual or electronic from 25 to 75 mm.



Precision manoeuvring

Zero Turn system: swivel wheels for precision manoeuvring between planting beds.

The non-slip, notched wheels do not mark the lawn.

Mow in straight lines on slopes by activating the front wheel turning lock.



Electronic control panel

The LCD screen on the Rasion Smart mower lets you quickly and easily control your mowing speed, ground speed, and cutting height.



Perfect cut

Dual counter-rotating blades: 3,000 to 5,000 rpm.

Thin steel blades with high tensile strength.

ACCESSORIES & CONSUMABLES

MULCHING KIT



For a perfect cut, with no collection.

ref. 57154

400 BATTERY SUPPORT KIT



For adapting the 400 battery to the Rasion mower.

ref. 135162

700 OR 1100 BATTERY SUPPORT KIT



For adapting the 700 and 1100 batteries to the Rasion mower.

ref. 120394 + 120391

UNIVERSAL BLADE MAINTENANCE KIT



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

ref. 134104 (as standard)

1500 BATTERY SUPPORT KIT



For adapting the 1500 battery to the Rasion mower.

ref. 135161 (as standard)

COLLECTION BLADE MAINTENANCE KIT



Set of steel blades for collection.

ref. 131404

COLLECTING BIN



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

132191+132192

TECHNICAL FEATURES

	BASIC	EASY	SMART
Overall dimensions when unfolded, HxL x W - cm	110 x 155 x 62		
Overall dimensions when folded HxLx W - cm	60 x 88 x 62		
Cutting width - cm	60		
Cutting height - mm (6 positions)	25/35/45/55/65/75		
Max. cutting power	1,100 W		
Adjustable blade-rotation speed - rpm	3,000 to 5,000		
Ejection	at the rear		
Mulching kit	Optional		
Collection bin - litres	70		
Box type	Flexible		
Casing type	Cast aluminium		
Mower sealing	IP54		
Sound level (L _{PA}) - dB(A)	84		
Guaranteed noise level - (L _{WA}) - dB(A) - blade speed in position 3	92		
Guaranteed noise level - (L _{WA}) - dB(A) - blade speed in maximum position	96		
Diameter of front wheels - mm (inches)	178 (7")		
Diameter of rear wheels - mm (inches)	305 (12")		
Average battery life in square metres (at 3 km/h with a ULiB 1500 battery)	500		
Weight (with box and battery) - kg	33	36.5	38.5
Weight (with box and without battery) - kg	27	30.5	32
Weight (without box and without battery) - kg	25	29	30
Electronic adjustment of the blade speed	•	•	•
Electronic adjustment of the cutting height	-	•	•
Wheel motors	-	•	•
Blade boost function	•	•	•
Automatic jam clearing	•	•	•
ICC optical grass sensor	-	•	•
Mechanical blade impact resistance	•	•	•
Safe cleaning (deactivation of blades)	•	•	•
Reverse gear	-	•	•
Electronic parking brake	-	•	•
Manual parking brake	•	•	-
Front wheel locking	•	•	•
Progressive ground speed - km/h	-	1 to 5	1 to 5





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 multi-function 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

EXCELION 2000 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

Landscapeer at La Tour d'Aigues

ERGONOMIC

- Perfect balance of the tool for improved working comfort.
- The carrying harness provided with the tool allows great freedom of movement.
- Switch between cutter heads in ultra-fast time, e.g. 20 seconds for the City Cut.
- Quick release of the brush cutter thanks to a new ergonomic hook.
- Ergonomic 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.



MULTIFUNCTION

- 6 different cutter heads, interchangeable to suit any work site.
- 2 wire heads: manual or semi-automatic.
- Can be used for a wide range of brush-clearing operations: tall, dense, or woody growth, brambles, or shrubs.
- For intensive cutting, brush cutting, mulching, or sawing branches up to 8 cm in diameter.





BREAK-EVEN POINT

 **€20,020**

YEAR 3	€6,480
YEAR 2	€6,480
YEAR 1	€6,480
TOOL	€580

Alkylate petrol mixture brush cutter

 **€7,492**

YEAR 3	€2,304
YEAR 2	€2,304
YEAR 1	€2,304
TOOL	€580

Petrol brush cutter
Petrol or mixture

 **€3,067**

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

EXCELION 2000 + TAP CUT
+ ULiB 1200 battery on
comfort harness

DATA USED

- Battery charging: €0.14 (excl. VAT)
- Petrol mixture: €1.60/litre (excl. VAT)
- Alkylate mixture: €4.50/litre (excl. VAT)
- Daily consumption: 4.2 litres
- Price per day of petrol mixture: €7.20 (excl. VAT)
- Price per day of alkylate mixture: €18.90 (excl. VAT)
- Days worked/year: 240

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



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 €7/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



Marketing



video

Getting started



video

Excilion 2000 is delivered without a cutter head, so you can choose the one best suited to your needs. The harness comes as standard.

COMFORT HARNESS



COMFORT HARNESS with adaptor plate for the 1500 or 1200 and 1100 or 700 batteries

ref. 56 57183

ADAPTER PLATE



Adaptor plate for the 700 or 1100 BATTERY

On the comfort harness

ref. 139091

New

EXCELION 2000 CARRYING KIT



Adapter kit

ref. 135500 (as standard)

PELENC ADVANTAGES



Angle transmission (as standard)

This magnesium angle transmission designed by PELENC 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 screws and fittings are captive, so they don'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 wire

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



Cutter head

The 5 interchangeable cutter 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.



Angle transmission kit and its universal TAP CUT 2 head, for ultra-fast wire loading.

2-YEAR WARRANTY

PELENC patent

**ZERO
PHYTO**

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

ACCESSORIES & CONSUMABLES

A CUTTER HEAD FOR EACH USE

WEEDING

CITY CUT



page 66

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

Ref. 57098

MULCHING

BLADE CUT



Tall grass, brush, or shrubs. Cutter head.

Ref. 57080

+



MULCHING BLADE

Ø 280 mm - Ref. 110281

+



PROTECTIVE SHIELD

Ref. 111600

SAWING

BLADE CUT



Tall grass, brush, or shrubs. Cutter head.

Ref. 57080

+



ALUMINIUM CASING

Ref. 111500

+



BRUSH CLEARING SAW

Ø 230 mm
Ref. 111700

MOWING

BLADE CUT



+



STANDARD CASING

Ref. 107533 - As standard

+



THREE-PRONG BLADES

Ø 320 mm
Ref. 114700



TWO-PRONG BLADES

Ø 320 mm
Ref. 110279

MULTICUT



Grass and dense vegetation. Wire and blade head.

Ref. 57075

+



TWO-PRONG BLADES

Ø 255 mm
Ref. 79600



8-TOOTH BLADE

Ø 200 mm Ref. 85176

BRUSH CUTTING

TAP CUT



Patent

Grass and dense vegetation. Semi-automatic wire trimmer head.

Ref. 57078

TAP CUT 2



Patent

New

Ref. 57210 Head + angle transmission 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

MULTICUT



Patent

+



TWISTED POLYAMIDE WIRE

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

ROLL CUT



Patent

Grass and dense vegetation. Manual unwinding wire head.

Ref. 57076

+



TWISTED POLYAMIDE WIRE

Ref. cf TAP CUT

OTHER ACCESSORIES



Tube of grease for the angle transmission

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****
Petrol engine equivalence - cc	45
Weight (excluding cutting tool and casing) - kg	5.4
Max. rotation 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 the 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 level (L_{pA})* - dB(A)	84
Acoustic output level (L_{WA})* - dB(A)	93
Right handle vibration level (Ah)** - m/s ²	1
Left handle vibration level (Ah)** - m/s ²	1.3
Interchangeable cutter 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 ø 2.4 wire. - Kd uncertainty = 1.5 m/s².

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

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).





CITY CUT

CUTTER HEAD FOR AN ALTERNATIVE, SCATTER-FREE WEEDING SOLUTION

—
Make your weeding work safe in populated environments by avoiding debris scattering using a cutter head designed to offer an alternative weeding solution.

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



Innovation Award
MECANIC SHOW - 2016

Technical Innovation Award
AGRILEVANTE - 2015

ZERO
PHYTO 

CITY CUT ESSENTIALS



SAFE



PRODUCTIVE



DURABLE



CERTIFIED



Testimonial

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

Head of Green Spaces team
with Antigone Service, a subsidiary of the Nicollin Group

SAFE

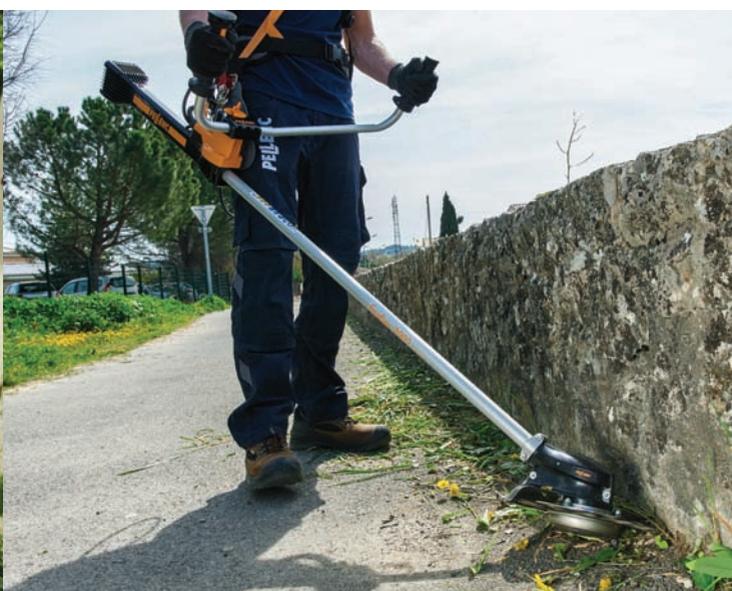
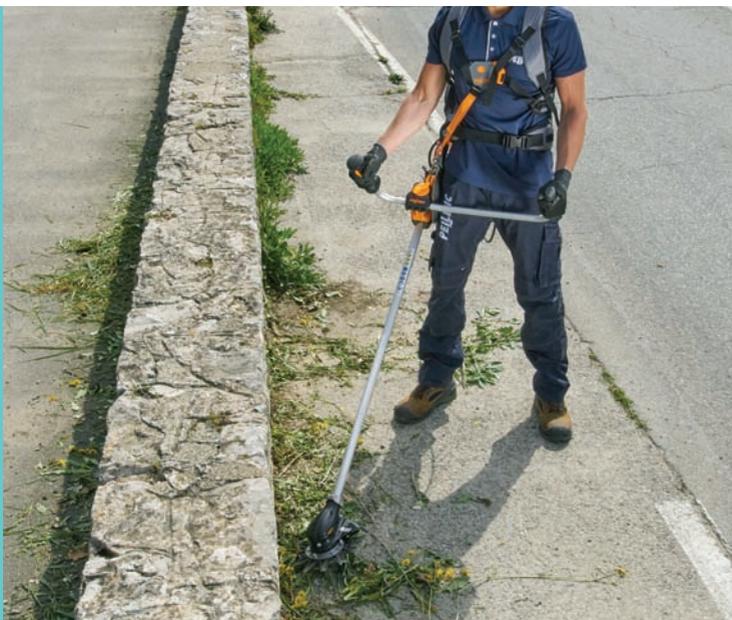
- Avoids dangerous scattering of debris while weeding in busy areas in urban and suburban environments and green spaces.
- Avoids harm to the surrounding environment, does not damage tree bark, street furniture, or cars.



PRODUCTIVE

- Counter-rotating technology for optimised efficiency and high power.
- 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 bell 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 cutter head can be changed in 20 seconds

UNIQUE COUNTER-ROTATION TECHNOLOGY

Interchangeable heads for the EXCELION 2000 range



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

Marketing

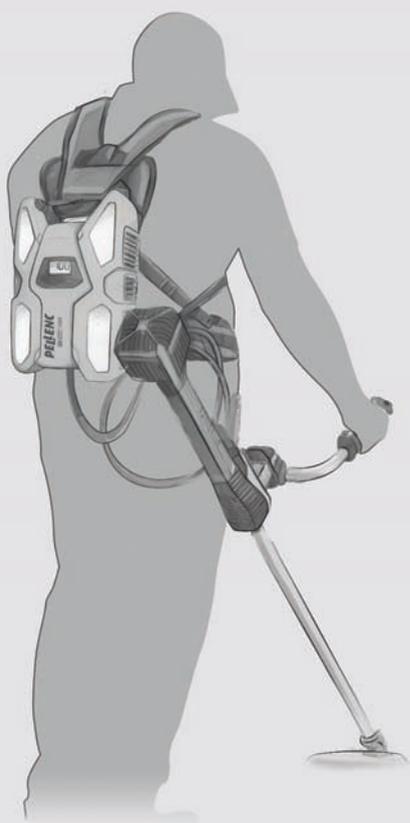


video

Getting started



video



ADAPTABLE TO
EXCELION 2000



PELENC ADVANTAGES



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 BELL



Resistant to abrasion.

ref. 118271

TUBE OF GREASE FOR THE ANGLE TRANSMISSION



High performance grease.

ref. 35749

TECHNICAL FEATURES

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

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





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 phytopharmaceutical 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 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. With the Cultivion soil cultivator we do what was the work of six people in just 8 hours. This tool has allowed our company to make substantial economic gains.

Rafaele Maddalo,
Pontecagnano - Italy

PRODUCTIVE

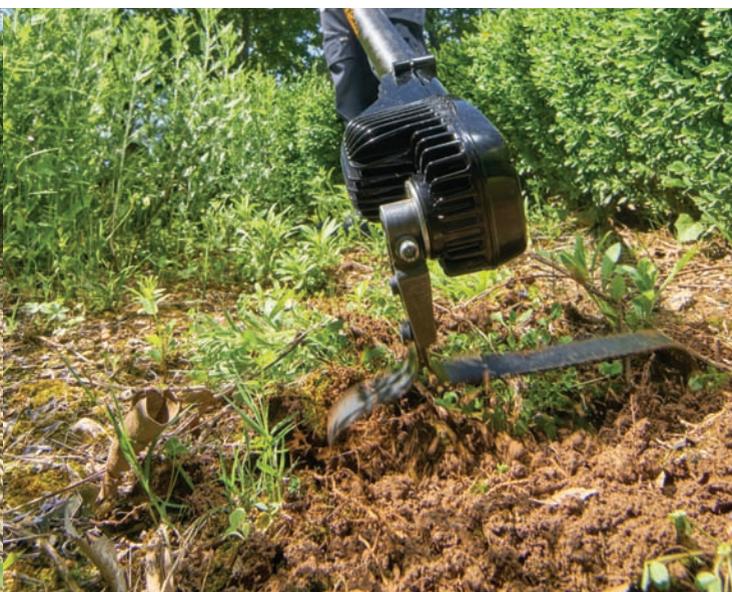
- Exceptional work quality and speed.
- A powerful tool that can work the soil even in late winter.
- Using the cultivator once is equivalent to watering twice.
- Enough battery life for a full day's work.
- Low maintenance.
- Up to 885 cuts/minute.



ADAPTABLE

- Effective for cultivating, weeding, or soil aeration.
- Designed for agriculture, vegetable growing, and green spaces.
- 5-tooth blades, suitable for all soil types.
- The quick-change blades make it easy to switch from one use straight to another.
- 9 possible tilting angles for working on the surface or at depth.





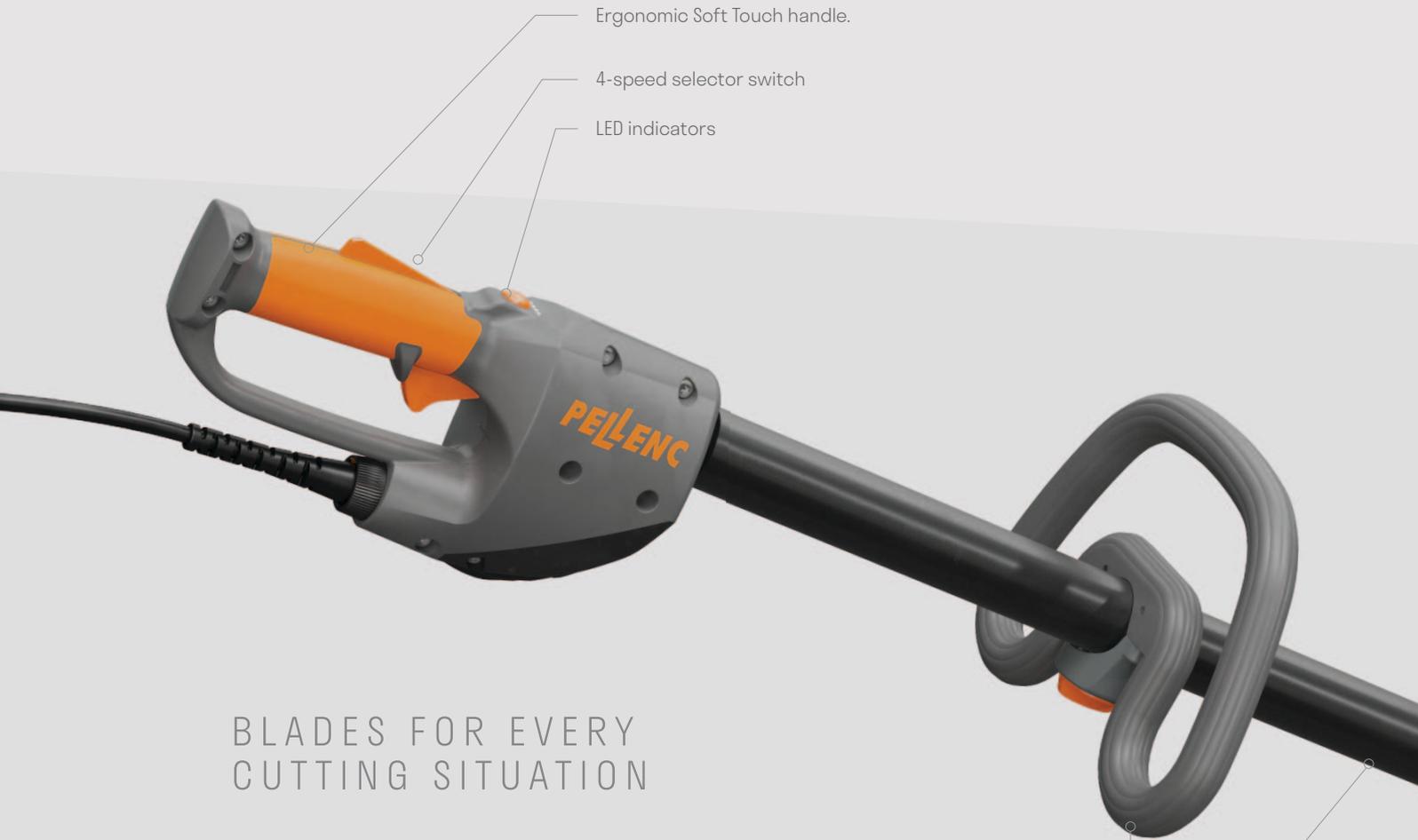
ERGONOMIC

- Adjustable: the tool can be adapted to the user's height.
- Very easy to handle.
- Small footprint.
- Stable while working; no need to apply force to the tool.

DURABLE

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

PRODUCT ADVANTAGES



Ergonomic Soft Touch handle.

4-speed selector switch

LED indicators

BLADES FOR EVERY CUTTING SITUATION



Front handle with quick adjustment

Aluminium pole

5 quickly interchangeable blades

Marketing



video



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

PELENC ADVANTAGES



Performance

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.

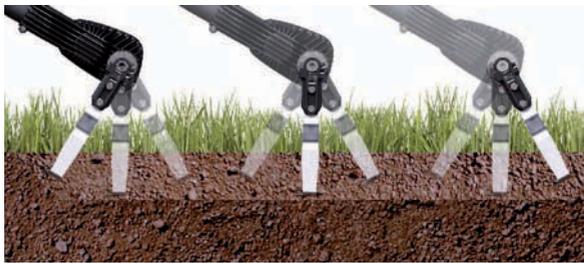
PELENC patent



Multipurpose

With the range of blades, it can easily be adapted to all kinds of working environments. The quick-change blades make it easy to switch from one use to another.

PELENC patent



Stability

Unlike motor hoes, CULTIVION is stable when working, without the need to apply force to the machine. Cultivion has been designed to work in reverse, which eliminates the need to walk over areas that have already been worked.



Revolutionary PELENC motor with electronic switching system

Quickly interchangeable work tools

Toothed blade for better penetration

Nine tool tilting angles

WEEDING

CLEANING

CUTTING

PRUNING

SERVICES

ACCESSORIES & CONSUMABLES

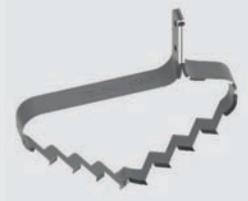
8 CM BLADE



For finishing work, with minimal vibrations.

ref. 100422

16 CM V-SHAPED BLADE



For working on hard soil.
For ploughed trenches.

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)
from April 2019

22 CM BLADE



For wide and deep work.

ref. 79779

BLADE ATTACHMENT KIT



To make changing blades easier.

ref. 101003

TECHNICAL FEATURES

	CULTIVION
Max. power - W	380
Petrol engine equivalence - cc	10
Weight - kg	3.1
Oscillation speed - HZ	13 to 15
Tool speed - strokes/min	800 to 885
Number of blades	5
Blade tilting positions	9
Sound level (L_{pA})* - dB(A)	74
Guaranteed noise level (L_{WA})* - dB(A)	91
Front handle vibration level (Ah)** - m/s ²	14.4
Rear handle vibration level (Ah)** - m/s ²	10.2
Battery life*** with ULiB 1200	Up to 2.5 days
Battery life*** with Alpha 260	4 to 6 hrs.
4-speed selector switch	•
Adjustable stability 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 - Kd uncertainty = 1.5 m/s²

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





New

AIRION 3

THE NEW GENERATION BLOWER, LIGHTWEIGHT AND POWERFUL

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

Designed to meet the requirements of professionals for reliability, power, and efficiency, 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

AIRION 3 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-held 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

- Unrivalled effective thrust of 17.5 N.
- 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.





BREAK-EVEN POINT

 **€16,540**

YEAR 3	€5,400
YEAR 2	€5,400
YEAR 1	€5,400
TOOL	€340

Petrol blower
Alkylate

 **€6,100**

YEAR 3	€1,920
YEAR 2	€1,920
YEAR 1	€1,920
TOOL	€340

Petrol blower
Petrol or mixture

 **€2,731**

YEARS 1, 2, AND 3	€50.40/YEAR
TOOL	€2,580

AIRION 3 + harness
+ ULiB 1500 battery

DATA USED

- Battery charging: €0.14 (excl. VAT)
- Petrol mixture: €1.60/litre (excl. VAT)
- Alkylate mixture: €4.50/litre (excl. VAT)
- Daily consumption: 4.2 litres
- Price per day of petrol mixture: €7.20 (excl. VAT)
- Price per day of alkylate mixture: €18.90 (excl. VAT)
- Days worked/year: 240

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



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

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



PRODUCT ADVANTAGES



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

Progressive trigger

Speed and boost selector

Intake elbow

New, stronger material

Protective grill

Marketing



video

2-YEAR WARRANTY
- IP54 sealed tool and engine block

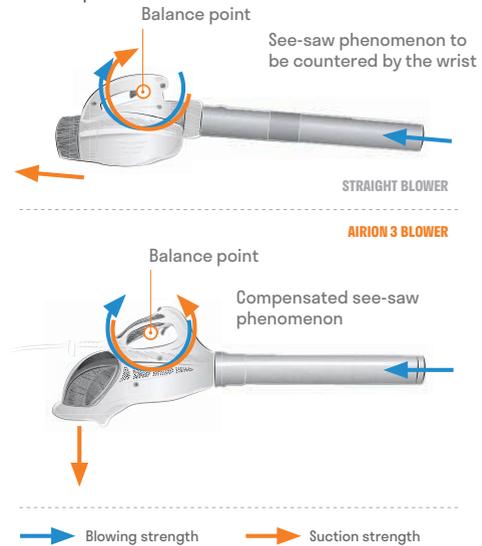


Profiled nozzle
4 interchangeable nozzles



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.



PELENC ADVANTAGES



Speed management

The Airion 3 speed controller means the blowing power can be controlled based on 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.

NEW



Fast 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 selector. The LEDs flash and display the remaining battery life in 25% increments.

PELENC patent



Protective grill

A new patent-protected air intake design dramatically improves user comfort while reducing the tool's noise levels.

PELENC patent

ACCESSORIES & CONSUMABLES

65 MM ROUND BLOWING NOZZLE



Best compromise between speed and air flow. Adaptable to all Excelion 1200 generations.

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

ref. 132240

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

NOZZLE WITH INTEGRATED SCRAPER



For removing any sticky or wet waste. Can be used with AIRION 1 and AIRION 2.

- 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. Can be used with Airion 3.

- Angled nozzle: \varnothing 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.

sold as standard - ref. 86708

CARRYING KIT



The carrying strap further reduces the carrying weight. The hook can be attached to either side of the blower.

sold as standard - ref. 110001

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 level (L _{PA})*** - dB(A)	79
Guaranteed noise level (L _{WA})*** - dB(A)	92
Acoustic output level at 15 metres* - dB(A)	< 65
Vibration level**** - m/s ²	<2.5 (0.5 actual)
Battery ***** with 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 - Kd uncertainty = 1.5 m/s²

***** For information: 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, multi-function 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 goes everywhere and easily copes with 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 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 square metres.
- Optimised power and minimal consumption thanks to its 4 rotation 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 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



1200 AND 1500 BATTERY SUPPORT KIT



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

ref. 135161

2-YEAR WARRANTY
-
Tool with IP54 sealing



Compartment

The easy access compartment 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.

PELLENC ADVANTAGES



LCD screen

Use the LCD screen to continuously check the functions of CLEANION, such as ground speed and brush rotation speed. 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 COLLECTING BIN

For collecting waste.



ref. 57162

ANTI-GRAVEL MESH

For sweeping gravel surfaces with minimal scattering of debris.



ref. 57161

Replace the sweeping head

LEAF PUSHER

For leaf removal and pushing hay or manure.



ref. 57163

SNOWPLOUGH BLADE

For pushing and sweeping snow.



ref. 57160

SNOW CHAINS

Quick assembly.



ref. 57164

SUMMER WHEELS



ref. 57165

TECHNICAL FEATURES

	CLEANION
Overall dimensions when unfolded, HxLxW - cm	100 x 160 x 100
Working width - cm	100
Weight (with battery) - kg	105
Weight (without battery) - kg	99
Max. power - W	1,400
Brush rotation speed	4 speeds, 100 to 200 rpm
Surface autonomy - m ²	up to 4,600
Zero Turn	•
Snow wheels	-

• As standard





HELION

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 cutter bars, anti-jam system for the blades: the Helion range is suitable for all cutting-back and finishing jobs. Helion 2's performance is recognised as a benchmark and is the ideal tool for all pruning jobs.



1st prize for innovation

PAYSALIA - 2009

Prize for hardware and equipment

SALON VERT - 2008

HELION ESSENTIALS



PRODUCTIVE



TOUGH



ERGONOMIC



LIGHTWEIGHT

Testimonial

"The PELLENC Helion hedge cutter is just as good as petrol equivalent. Admittedly, some of our operatives were sceptical as to whether they would last a day but in actual fact they tend to last a day and a half before they need a charge."

Paul Hodgson,

Regional operations manager
for Places for People Landscapes

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 Compact 2).
- The Quick Switch system lets the user switch between the four types of cutter bar in less than a minute.
- One working day's battery life with the UliB 700 battery.



TOUGH

- Anti-locking blades system.
- IP54 sealing level providing strength and safety for use in all weather conditions.
- Stainless steel anti-kickback stop.





BREAK-EVEN POINT

BREAK-EVEN POINT

 €15,120

YEAR 3	€4,860
YEAR 2	€4,860
YEAR 1	€4,860
TOOL	€540

Petrol hedge trimmer
Alkylate

 €5,724

YEAR 3	€1,728
YEAR 2	€1,728
YEAR 1	€1,728
TOOL	€540

Petrol hedge trimmer
Petrol or mixture

 €1,812

YEARS 1, 2, AND 3	€24/YEAR
TOOL	€1,740

HELION 2 + 63 cm cutter bar
+ ULiB 700 battery

DATA USED

- Battery charging: €0.14 (excl. VAT)
- Petrol mixture: €1.60/litre (excl. VAT)
- Alkylate mixture: €4.50/litre (excl. VAT)
- Daily consumption: 4.2 litres
- Price per day of petrol mixture: €7.20 (excl. VAT)
- Price per day of alkylate mixture: €18.90 (excl. VAT)
- Days worked/year: 240

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



ERGONOMIC

- Fast Connector system: for rapid tool connection and disconnection: (Helion 2 Compact).
- Soft Touch rotatable handle for ease of handling.
- Retractable trigger for greater safety.

LIGHTWEIGHT

- Lightweight, only 3.5 kg with a 63 cm cutter bar.



PRODUCT ADVANTAGES



HELION 2 COMPACT



HELION TELESCOPIC



Marketing



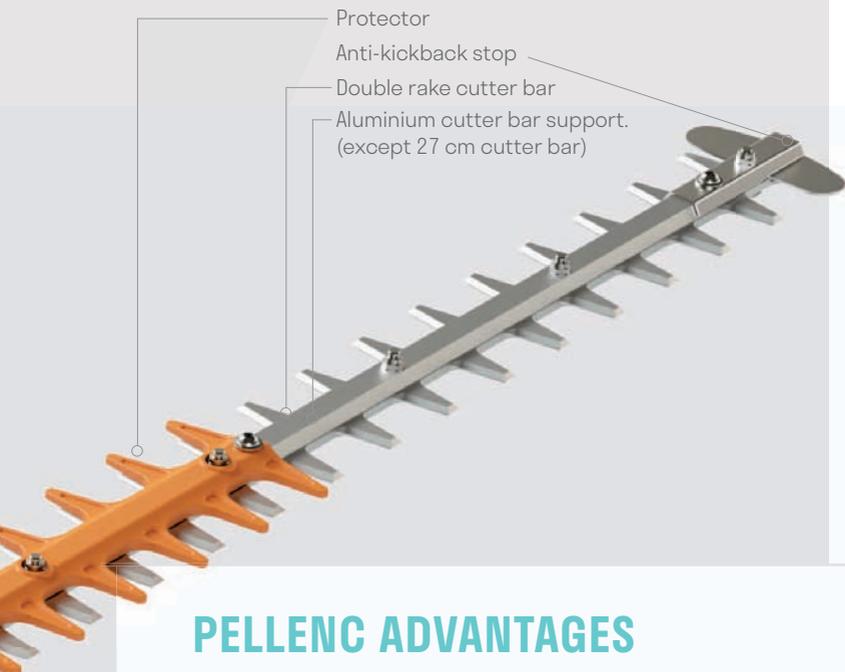
video

Getting started



video

Helion is delivered without a cutter bar. Choose the cutter bar that best suits your needs.



2-YEAR WARRANTY
Tool with IP54 sealing



PELLENC ADVANTAGES



Anti-locking system

A unique system reverses the motor's direction of rotation if the cutter bar gets caught in the vegetation. This means it can easily be removed without twisting or breaking the cutter bars.

PELLENC patent



Fast Connector system

On 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.



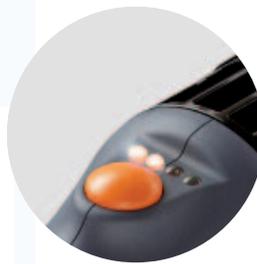
Rotating handle

On the Helion 2 Compact, the handle can be rotated +/-90° for vertical work without bending the wrist.



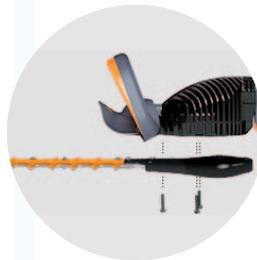
Flexible head

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



Speed selector

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



Quick Switch

All the cutter bars are easily interchangeable. It takes less than a minute to fit or remove a cutter bar.



Ultra-quick sharpening

The protective shield on the HELION 2 COMPACT can be easily disassembled for rapid sharpening of the blades



Tough cutter bar

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

ACCESSORIES & CONSUMABLES

HELION 2 COMPACT CUTTER BARS



- 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 cutter bar)

POLE, TELESCOPIC, AND UNIVERSAL CUTTER BARS



- 27 cm - ref. 57029
- 51 cm - ref. 56202
- 63 cm - ref. 56203
- 75 cm - ref. 56204
- 63D - ref. 57009 (cutter bar with built-in 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 400g cartridge.

ref. 68518

BIODEGRADABLE CLEANER FOR RESIN



For cleaning and lubricating the cutter bar components, with aluminium stiffener.

- 400 ml container.

ref. 121633

GREASE CARTRIDGE



For lubricating the cutter bar reduction gear.

- 400 g cartridge.

ref. 115174

TECHNICAL FEATURES

	COMPACT 2	TELESCOPIC
Max. power - W	1,200	1,200
Petrol engine equivalence - cc	30	30
Weight (with a 63 cm 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 Deflector can be adapted to the 63 cm cutter bar	27 - 51 - 63 - 63 ⁽¹⁾ - 75
Tooth pitch - mm	33	33
Tooth spacing - mm	40	40
Tooth height - mm	24	24
5-notch rotating handle	+/-90°	-
Multi-position rotatable cutter head	-	+85°/-45°
Sound level (L _{PA}) [*] - dB(A)	80	83
Guaranteed noise level (L _{WA}) [*] - dB(A)	92	96
Front handle vibration level (Ah) ^{**} - m/s ²	3 hrs.	3.9
Rear handle vibration level (Ah) ^{**} - 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 ⁽¹⁾: cutter bar with built-in deflector

* Values determined according to directive 2000/14/EC and acoustic measurement standards EN ISO 11201 and EN ISO 3744 - With 75 H/L and 3,800 strokes/min.

** Vibration emission value according to EN 60745-2-15 - Kd uncertainty = 1.5 m/s² - With H 75 and 3,800 strokes/min.

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

Battery life is influenced by the nature of the work required.



Prunier

SEMI-PRUNIER

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 ESSENTIALS



LIGHTWEIGHT



PRODUCTIVE



ERGONOMIC



ADAPTABLE

Testimonial

Prunion pruning shears can cut larger branches, up to a diameter of 40-45 mm. The tool is more comfortable to use than manual shears. The 150P battery is so light that the user no longer notices it.

Mas de la Cappe,
Arles, France

LIGHTWEIGHT

- The lightest tree pruner on the market: 860 g.



PRODUCTIVE

- Optimised power for intensive cutting with a high-performance motor: 92% efficiency.
- 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, easy to handle for right- or left-handed people.
- Optical trigger for natural control of the half-opening.

ADAPTABLE

- 4 operating modes (high-performance, economy/comfort, all or nothing, continuous) 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" CUTTER 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 universal handle (left- and right-handed users)

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

ALPHA HARNESS

New

The harness lets the user carry the Alpha battery on their back.



Ref. 57194

Marketing



video



VINION

CULTIVION

OR

OR

PRUNION

SELION M12

OR

SELION POLE



EXTRA COMFORTABLE
"BREATHABLE" HARNESS

250 BATTERY

Two sockets for working with two tools

1. Built-in handle
2. Chest strap for lateral battery carrying
3. Air circulates at the back
4. Cord loops
5. Lithium-ion battery: Four operating modes
6. Battery-life display On-Off
7. Adjustable belt
8. Holster

150P BATTERY

Unrivalled freedom of movement



PELLENC ADVANTAGES



Universal, ergonomic handle

Oval handle suitable for left- and right-handed users.

PELLENC patent



Optical trigger

For intuitive control of the half-opening.

PELLENC patent

Four operating modes



HIGH PERFORMANCE

Fast steady with half-opening



COMFORT/ECONOMY

Steady with half-opening



ALL OR NOTHING

Fast with half-opening



CONTINUOUS

Fast without half-opening

ACCESSORIES & CONSUMABLES

PRUNION BLADE KIT



Pradines blade.

ref. 122991

CUTTER 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 to lubricate the cutter head.

ref. 35749

SHARPENING STONE



To clean and protect 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 handle (H x L) - mm	40*38
Blade opening - mm	67
Cutting diameter - mm	45
Compatible batteries	150P / 250
Battery life* with 150P battery	9 hrs.
Battery life* with 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: 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 with Prunion	9 hrs.*	12 hrs.*
Average battery life with Prunion + M12 chainsaw	-	9 hrs.*
1.2 A charging time	-	6 hrs.
1A charging time	8 hrs. 30 min.	7 hrs.
Multi-tools mode	-	•
Management of usage modes	•	•
NFC/RFID	•	•

*Depending on storage/charging/usage conditions



PEILENC

PEILENC *Selion*
Arborist's Tool CARVING Area Light



M12

RIGHT

PEILENC

CE
0268



SELION M12

A COMPACT CHAINSAW, IDEAL FOR GENTLE PRUNING WORK

—
Weighing just 1.7 kg, the Selion M12 chainsaw is ultra-lightweight and gives you and your teams a productivity boost.

Easy to handle and versatile, it is an ideal tool for tree growers, wine growers, and landscapers. Its exclusive user-friendly design makes it an indispensable tool for precise and fast cutting.



Technical Innovation Award

AGRIVELANTE - 2011

Commendation

SIVAL - 2011

Bronze medal

VINITECH - 2010

SELION M12 BASICS

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

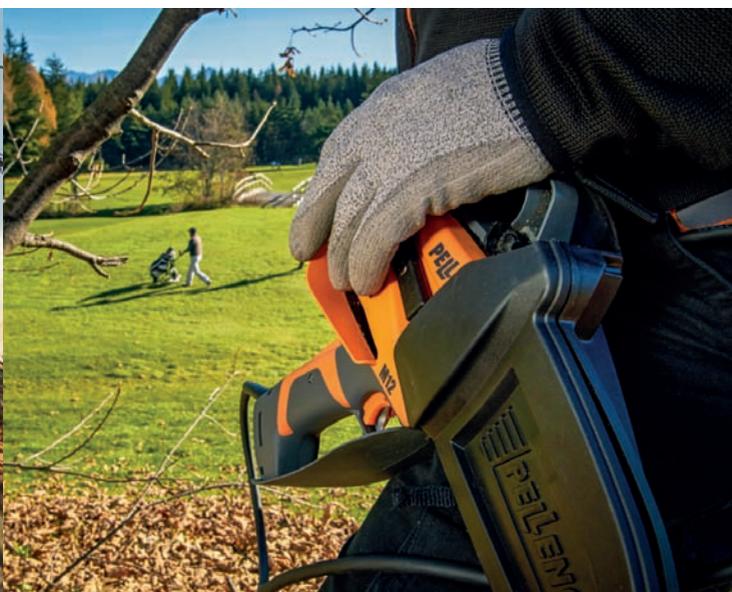
- Weighs only 1.7 kg in use.
- Its compact size and Soft Touch handle make it easy to get started with.
- Designed to suit any size of hand.



PRODUCTIVE

- Tough and reliable thanks to its clutchless design (direct drive to chain pinion).
- A dependable tool with a minimum battery life of one working 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





Safety

PELLENC has developed 4 innovations to help protect the user:

1. The kickback sensor with electronic triggering instantly engages the electric chain brake in the event of a fall or kickback, and is eight times faster than a petrol-operated chainsaw chain brake.
2. With the OREGON chain, the kickback effect—if it occurs—will be much less abrupt than on a conventional chainsaw.
3. The self-diagnostic system checks during the first use of the tool that the electronic kickback sensor is working. If so, the tool will start up.
4. The double-press start-up trigger prevents accidental start-up of the chainsaw.

PELLENC ADVANTAGES



Automatic chain tensioning

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

PELLENC patent



Electronically managed oil-flow rate

The system adjusts the chain lubrication according to the required cutting strength.

PELLENC patent



Electronic chain brake

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

PELLENC patent



Built-in retractable wrench

This wrench tightens the chain and gives quick access to the pin and the chain.

PELLENC patent

ACCESSORIES & CONSUMABLES

6" CARVING GUIDE

Profiled guide for carving or sculpting wood.



Sold as standard - ref. 80343

6" ANTI-KICKBACK GUIDE

15 cm guide made of composite material.



Sold as standard - ref. 78790

6" NARROW GAUGE GUIDE

15-cm guide that improves work efficiency.



ref. 138788
Available from late 2019

SHARPENING KIT

Round file - Flat file - Chain threader.



ref. 68520

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

Anti-kickback chain.



Sold as standard - ref. 71550

1/4" NARROW GAUGE CHAIN - 1.1 MM - 42E

Chain that reduces the effort required in cutting.



ref. 138880
Available from late 2019

BIODEGRADABLE CHAINSAW OIL

Biodegradable chain oil.
5-litre jerrycan.



ref. 116688

TECHNICAL FEATURES

	SELION M12
Max. power - W	1,200
Petrol engine equivalence - cc	30
Weight - kg	1.65
Motor speed - rpm	5,400
Chain speed - m/s	10.3
Guide length - cm/inches	15/6"
Oregon chain	
Pitch	¼"
Type / number of links	25AP / 42E
Pinions	9 x ¼" teeth
Tank capacity - cc	7
Sound level (L_{pA})* - dB(A)	86
Guaranteed noise level (L_{WA})* - dB(A)	96
Front handle vibration level (Ah)** - m/s ²	2.8
Battery life*** with ULiB 1100	Up to 2 days
250 battery life	Up to 2 hrs.
Peristaltic pump	•
Automatic chain tensioner	•
Built-in retractable wrench	•
Electronic chain brake	•
Carrying case	•

• As standard * Values determined according to acoustic measurement standards DIN EN ISO 11201:1996

** Vibration emission value according to DIN EN 60745-2-13:2008 - Kd uncertainty = 1.5 m/s²

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

Battery life is influenced by the nature of the work required.





SELION C21 HD

THE LIGHTWEIGHT, PRECISE 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 ESSENTIALS

Testimonial



LIGHTWEIGHT



PRODUCTIVE



SAFE



ERGONOMIC

If it didn't exist, I'd have a real problem. I've been using this equipment for 5 years, and it is still revolutionary. After 25 years in the business, I couldn't work with petrol models any more. It was costing me too much on every level. Now, I get reliability, lightness, quietness, handling, aesthetics, and all without gas pollution — this is exactly what I needed.

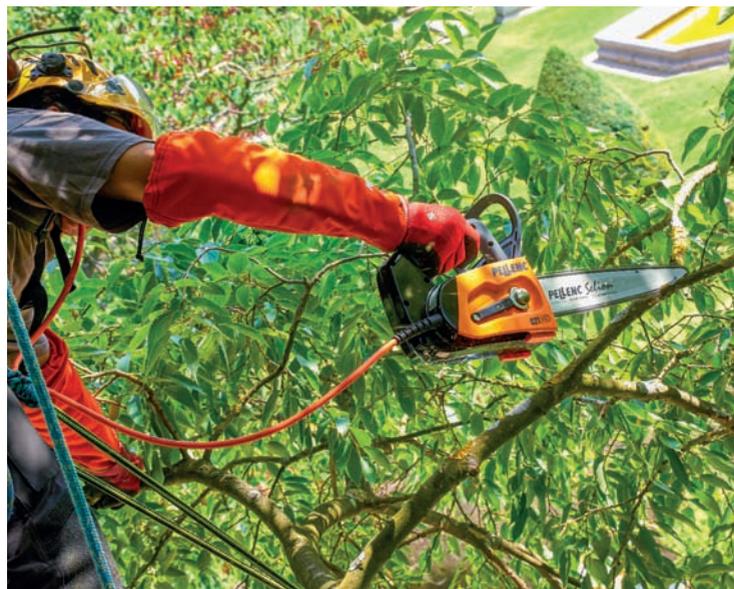
Moustapha Bounzel,
Arborist - Au Bonheur des Arbres,
Montpellier, France

LIGHTWEIGHT

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

PRODUCTIVE

- Extremely powerful with the PELLENC 2000 W brushless motor (equivalent to a 45-cc petrol motor) that delivers additional torque.
- A guide that tightens the chain tension for optimal operation.
- The magnesium casing facilitates the evacuation of cuttings and prevents jamming.
- Cost-effective: reduces chain oil consumption by 30%.
- The battery life is enough for a full day of tree pruning.
- Low maintenance.
- Lateral chain tensioner for easier chain tensioning.
- Automatic chain tensioning.





SAFE

- The claw improves safety with a firmer grip on branches and trunks.
- Automatic electric chain brake in the event of a fall or kickback.
- Reduced risk of kickback compared to a conventional chainsaw.
- Reinforced front hand guard.

ERGONOMIC

- Soft Touch handle for greater comfort.
- Quiet operation, facilitating use over long durations.

PRODUCT ADVANTAGES



Marketing



video

2-YEAR WARRANTY



Casing

The magnesium casing offers improved evacuation of swarf, increased solidity, and optimal lightness.



Claw

Enables a firmer grip on branches and trunks.



Safety

PELLENC has developed 4 innovations to help protect the user:

1. The kickback sensor with electronic triggering instantly engages the electric chain brake in the event of a fall or kickback, and is eight times faster than a petrol-operated chainsaw chain brake.
2. With the OREGON chain, the kickback effect—if it occurs—will be much less abrupt than on a conventional chainsaw.
3. The self-diagnostic system checks during the first use of the tool that the electronic kickback sensor is working. If so, the tool will start up.
4. The double-press start-up trigger prevents accidental start-up of the chainsaw.

PELLENC ADVANTAGES



Automatic chain tensioning

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

PELLENC patent



Electronically managed oil-flow rate

The system adjusts the chain lubrication according to the required cutting strength.

PELLENC patent



Electronic switching

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

PELLENC patent



Built-in retractable wrench

This wrench tightens the chain and gives quick access to the pin and the chain.

PELLENC patent

ACCESSORIES & CONSUMABLES

8.6" NARROW GAUGE GUIDE

22-cm guide that improves work efficiency.



ref. 138808

12" GUIDE

30-cm guide made of composite material.



Sold as standard - ref. 72884
Available from late 2019

12" CARVING GUIDE

30-cm profiled guide for cutting and sculpting wood



ref. 80344

SHARPENING KIT

Round file - Flat file - Chain threader



ref. 68520
Available from late 2019

1/4" NARROW GAUGE CHAIN - 1.1MM - 59E

Chain that reduces the effort required in cutting.



ref. 138882

1/4" OREGON CHAIN 25AP - 70E

Anti-kickback chain.



Sold as standard - ref. 81794

BIODEGRADABLE CHAINSAW OIL

Biodegradable chain oil.
5-litre jerrycan.



ref. 116688

TECHNICAL FEATURES

	SELION C21 HD
Max. power - W	2,000
Petrol engine equivalence - cc	45
Weight - kg	2
Motor speed - rpm	6,200
Chain speed - m/s	14.5
Guide length - cm/inches	30/12"
Oregon chain	
Pitch	¼"
Type / Number of links	25AP / 70E
Pinion	11 x ¼" teeth
Tank capacity - cc	25
Sound level (L_{pA})* - dB(A)	84
Guaranteed noise level (L_{WA})* - dB(A)	96
Front handle vibration level (Ah)** - m/s ²	2.8
Battery life*** with ULiB POLY 5	Up to 1 day
Peristaltic pump	•
Automatic chain tensioner	•
Built-in retractable wrench	•
Electronic chain brake	•

• As standard * Values determined according to acoustic measurement standards DIN EN ISO 11201:1996

** Vibration emission value according to DIN EN 60745-2-13:2008 - Kd uncertainty = 1.5 m/s²

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





SELION POLE

LIGHTWEIGHT, MULTI-FUNCTION POLE PRUNER

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

They are very light, so they can be used without a harness, 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 POLE

SELION POLE ESSENTIALS



LIGHTWEIGHT



PRODUCTIVE



MULTIFUNCTION



DURABLE

Testimonial

"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

LIGHTWEIGHT

- Lightweight, easy to handle.
- Can be used without a carrying harness.
- 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.





MULTIFUNCTION

- Three fixed and 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 multiposition 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.

PRODUCT ADVANTAGES



SELION T150-200



SELION T220-300



Marketing



video



- Built-in retractable wrench
- Electronically managed oil-flow rate
- Revolutionary Pellenc motor with electronic switching system
- Automatic chain tensioning
- PELLENC chain guide made of composite material

PELLENC ADVANTAGES



Automatic chain tensioning

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

PELLENC patent



Electronically managed oil-flow rate

The system adjusts the chain lubrication according to the required cutting strength.

PELLENC patent



Built-in retractable wrench

This wrench tightens the chain and gives quick access to the pin and the chain.

PELLENC patent



Multiposition tilting head

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

ACCESSORIES & CONSUMABLES

6" CARVING GUIDE

Profiled guide for carving or sculpting wood.



ref. 80343

9.4" NARROW GAUGE GUIDE

24-cm guide that improves work efficiency.



ref. 138823
Available from late 2019

10" GUIDE

25-cm guide made of composite material.



Sold as standard - ref. 66756

1/4" NARROW GAUGE CHAIN - 1.1MM - 55E

Chain that reduces the effort required in cutting.



ref. 138883
Available from late 2019

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

Anti-kickback chain.



ref. 71550

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

Anti-kickback chain.



Sold as standard - ref. 64486

BIODEGRADABLE CHAINSAW OIL

Biodegradable chain oil.
5-litre jerrycan.



ref. 116688

SHARPENING KIT

Round file - Flat file - Chain threader



ref. 68520

TECHNICAL FEATURES

	T150/200	T220/300
Max. power - W	1,200	1,200
Petrol engine equivalence - cc	30	30
Weight - kg	2.9	3.4
Motor speed - rpm	5,400	5,400
Pole length - cm	150 to 200	220 to 300
Chain speed - m/s	10.3	10.3
Guide length - cm/inches	25/10"	25/10"
Oregon chain		
Pitch	¼"	¼"
Type / Number of links	25AP - 58E	25AP - 58E
Pinions	9 x ¼" teeth	9 x ¼" teeth
Tank capacity - cl	25	25
Sound level (L _{PA})* - dB(A)	82	80
Guaranteed noise level (L _{WA})* - dB(A)	91	93
Vibration level (Ah)** - m/s ²	≤ 2.5	≤ 2.5
Multi-position tilting head	+90°/-45°	+90°/-45°
Telescopic pole	•	•
Peristaltic pump	•	•
Automatic chain tensioner	•	•
Built-in retractable wrench	•	•
Battery life*** with ULiB 1100	Up to 2 days	

- As standard

* Values determined according to acoustic measurement standards DIN EN ISO 11680-1:2002/2009 – value increased by K=2.5 according to ISO 4871

** Vibration emission value according to DIN EN ISO 11680-1:2002/2009 - Kd uncertainty = 1.5 m/s².

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



PEILENC

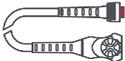
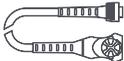
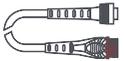
ALPHA
520



PEILENC

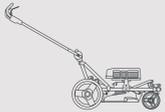
PEILENC

CORRESPONDENCE TABLE OF BATTERY-TO-TOOL CONNECTION CABLES

		
57237	57238	57239

		
132200	57183	57194

	
139091	57195

	 700 / 1100	 132200	 1200 / 1500	 260 / 520
	 cable included	 +  57183 cable included	 +  57239 57194	
	 +  139091 cable included	 cable included	 +  57239 57194	
	 57237	 +  57183 57238	 +  57239 57194	
	 +  57237 57195	 +  +  57183 57238 57195		



46 YEARS OF INNOVATION

1,090 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 REWARDS: <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 1500 BATTERIES AND COMFORT HARNESS 1500 BATTERIES AND COMFORT HARNESS	EIMA INTERNATIONAL: <i>Innovation prize</i> FIERA AGROALIMENTARE MEDITERRANEA: <i>1st prize for agricultural mechanisation, innovation, and safety</i> <i>Winner of the Vehicles/Maintenance category</i> <i>at the SMCL Exhibition for French Mayors and Local Authorities</i> PAYSALIA: <i>Winner of the "Sustainable Development" category</i> <i>SETT d'Or</i>
2016	RASION EXCELION 2000 & CITY CUT PRUNION & VINION	OGA: <i>Innovation Prize</i> MECANIC SHOW: <i>Innovation Prize</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>Business & Environment Award 2014</i> <i>in the Eco-Product for Sustainable Development category</i> SMCL Exhibition for French Mayors and Local Authorities: <i>Innovation Prize</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 POWERTOOLS 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 award for environment and sustainable development</i> VINITECH: <i>Bronze medal</i>
2009	SELION C21 HD HELION	SMCL Exhibition for French Mayors and Local Authorities: <i>Innovation Prize</i> PAYSALIA: <i>1st prize for innovation</i>
2008	HELION SELION POLE	SALON VERT: <i>Prize for hardware and equipment</i> FOREXPO: <i>Commendation in the "Safety and Working Conditions" category</i>

THE SERVICES OF EXPERTS AT YOUR SIDE



FINANCING

Available from PELLENC dealers participating in the operation.



AFTER-SALES SERVICE

Not only are our after-sales service technical experts trained in the technological developments of the PELLENC range, they are also thoroughly familiar with our customers' businesses. Our after-sales service department operates in all countries where the brand is present.



WARRANTY AND EXTENDED WARRANTY

All the tools and batteries in the PELLENC range come with a two-year warranty which can be extended for a further year. PELLENC avoids its tools being out of service during the warranty period thanks to its distributor network. They ensure the availability of spare parts in order to minimise downtime during repairs.



CERTIFIED ORIGINAL PARTS

To extend the equipment's service life and ensure that your tool is covered by the warranty, PELLENC recommends that you only use parts that are certified.



CONTINUE THE PELLENC EXPERIENCE ONLINE



www.pellenc.com



PELENC STORE

The full range of portable power tools, accessories and consumables as well as second-hand equipment.

Receive your order within 48 hours at your home, a pick-up location, or at an authorised PELLENC distributor.



Distributor's stamp

PELLENC



www.pellenc.com

#♥ELECTRIC

PELLENC • Quartier Notre-Dame • Route de Cavaillon • 84120 Pertuis • France
Tel.: +33 (0) 4 90 09 47 00 • Fax: +33 (0) 4 90 09 64 09 • E-Mail: contact@pellenc.com

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