



## Committed to the Environment

Thanks to its strategy of innovation, and after many years of research, Pellenc has replaced the 'old' combustion engines with brand new electrical technology. The Pellenc technology associates an electric motor and a revolutionary battery. The patented electric motors with an unrivalled power-to-weight ratio, develop an extraordinary power output with unequalled durability. Associated with the ultra-high-capacity lithium-ion batteries, professionals like you work much better than with your old combustion-engine tools, in particularly optimum conditions.

## Batteries

Regardless of the model used, the Ultra Lithium Battery provides constant power and has a charge level indicator which indicates your remaining working time. You therefore have from a half day's work to a full day's work according to the type of tool used.

The Ultra Lithium Battery is equipped with a 'smart' charging system. The battery can be charged at any time.

Incidentally, if the battery is not used for 4 consecutive days, the battery automatically discharges to ensure optimum storage and an excellent service life. After 600 complete charging and discharging cycles, the battery capacity still reaches 80% of its initial one.

Delivered with an ergonomic harness, perfectly adjustable to your base shape, PELLENC batteries have been designed to make your daily work easier and give you more independence and freedom in your work. The Ultra Lithium Battery also preserves the environment because it's 80% recyclable.

Like all the other PELLENC products, Ultra lithium Battery benefits from a very-high-capacity technology which guarantees use with no odour, no pollution and a revolutionary working capacity.



## Green-Technology

A step ahead

## The Motor



Pellenc designs and manufactures powerful, light and compact hand-held tools thanks to the control of state-of-the-art technology: very-high efficiency new-technology motors. The efficiency obtained is that your tool operates better with the advantage of reduced weight and size.

In fact, the energy losses are low because the motor, which is directly coupled with the cutting tool, has an efficiency close to 90% (as opposed to that of a combustion-engine motor which is less than 40%).

Furthermore, the Pellenc new-technology motor is the only electric motor which develops so much power for such a small size and which has a very long service life due to its design.

## Selion Chainsaws – the lightest handheld chainsaws in the world!

With an unrivalled power-to-weight ratio and utilising world-class Oregon chains, the saws cut cleanly and with precision. The absence of a brake and speed reducer guarantees reliability and lightness whilst a combined direct drive and chain gear increases durability.

Chain tension is adjusted using a patented integrated retractable key which is extremely practical. Thanks to the patented electronic management of the oil flow, the consumption is a function of the consumed power. For your safety, an electronic safety sensor instantaneously actuates the electric chain brake in case of falling or kickback.

Compared to petrol chainsaws, you save almost 30% oil and extend the lifetime of the chain.



## Did you know?

The average chainsaw in one hour produces 20kg of CO<sub>2</sub> emissions.  
Pellenc's machines give off no more than 50g an hour!





## Pole Selion

Fitted with the very latest Pellenc innovations, including automatic oil flow control, automatic chain tension adjustment and a head that can be set in high, low or axial position.

The Selion is powered by the new generation of lithium-ion batteries, known as the 600, which provides power for a full day's (8 hours) cutting without the need for re-charging.

No less than five patents have been registered for the automatic chain tensioning, electronic oil flow control, fully tilting head, retractable wrench integrated within the head of the tool and the brushless motor which has been specifically developed after endless research with customers.

With a weight of just 2.7 kg (excluding battery pack), the Selion is almost half the weight of its more conventional two stroke rivals. Add to this the heavily reduced vibration levels, no emission and not even the use of ear protectors needed for the user, the machine has been thoughtfully produced with the environment and end user in mind.

Without the need for a petrol/oil two stroke mixture, and the important reduction of noise pollution, the Selion gives a far higher productivity to the user – up to four times superior than a petrol-engine machine thanks to its comfort of use, power and reduced maintenance.

## Helion Hedge Trimmers

Whether it be the Pole, Universal or Telescopic model, Helion hedge trimmers improve your working conditions. Particularly light (from 3-4kg), they are equipped with a 1200-watt efficient motor. Thanks to the 4-speed selector, you can adapt your tool to the desired type of trimming. For easy topping, the Pole and Telescopic models are equipped with +90°/-45° head angle adjustment, whereas for trimming vertically, a +/-90° pivoting handle has been included on the Universal model.

### Perfect trimming quality

You can adapt the blade which suits you to each of these tools: the 51cm for precise or 'sculpture' type trimming, the 63cm for standard trimming (also exists with deflector and one-sided blade, model 63D) and the 75cm for intensive trimming. All these cutting heads are universal and easily interchangeable.

If blades become caught in the vegetation, an exclusive electronic device reverses the direction of rotation of the patented motor allowing the cutter to automatically work loose easily and safely.



## Excelion – champion strimmer

Two times lighter than the heaviest petrol brushcutters, Excelion makes grass cutting much easier in ditches, on slopes or steep inclines thanks to its adjustable handle, flexible head and telescopic system. You can quite simply adapt the tool to your body shape for optimised working comfort.

The 4-speed selector makes it easier to adapt to the vegetation: slow speeds are recommended for edges and urban areas for example. Silent, rapid, and extremely lightweight, Excelion is the new brushcutter for professionals.

With 2, 3 and 8 toothed blades or specially constructed twisted polyamide cords, this brushcutter can go anywhere!

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