



Green Technology

Greener City Equipment

PRODUCT LIST

Greener City Equipment



Environmental protection and a commitment to sustainable development in general have always been among our key concerns, even before they became the latest buzzwords.

That is why at ETESIA we have developed our own philosophy called Bio Concept.

It is reflected in the fact that environmental protection is addressed in all areas of the company and at every stage in the life of our equipment.

The choice of manufacturing materials and processes take account of their environmental impact. Bio Concept also covers different projects to develop new clean engines.

That is how ETESIA has been able to release three exclusive products in two years: the first ride-on mower in the world to run entirely on PVO (pure vegetable oil, a biofuel); The first ride on mower in Europe running on LPG (25% less CO, 21% less CO₂) and the first ride-on mower in the world to run entirely on electricity (zero pollutant, zero noise).

ETESIA's vision of the future of its market is one where business and environmental protection are ultimately reconciled.

ETESIA's commitment is taking concrete form with its new green engines and also through the versatility of the range, making it possible to apply several mowing techniques and thus enabling differential management.

The logo for Bio Concept, featuring the word "BIO" in a large, bold, green font, followed by a small globe icon, and the word "concept" in a smaller, italicized, green font below it.

BIO
concept



PELLENC

In 1973 the Pellenc Group was created, and since that time, it has based its development on a policy of constant innovation to be able to anticipate changes in its markets and offer its customers increasingly efficient products.

A forerunner when it comes to lithium-ion technology and high efficiency “Brushless” motors, since 2008, Pellenc has established itself in the “Zero Emission” professional power tools market, for the maintenance of urban and green-spaces.

The combination of these two technologies makes it possible to eliminate direct emission of greenhouse gases and significantly reduce noise. It thus meets the users’ requirements for comfort and sustainability while offering excellent cost efficiency.



The mastery acquired thanks to more than 10 years of experience with these technologies has enabled Pellenc to develop the most comprehensive range on the market making it a reference in terms of performance, acquired, lightness and durability.



**The environmentally-friendly
weed removal alternative**

Weeding without pesticide has never been so easy.

All Oeliatec weed control machines kill weeds with 100% hot water by delivering an efficient low pressure treatment at temperatures of up to 120°C. This destroys the cellular structure of the weed to kill off the plant, which is worn down further by each treatment to eventually kill the root, along with moss and algae which can also be removed at the same time.

Hot water weed control requires fewer treatments, no additives to kill weeds and costs significantly less in comparison to other alternatives.

While air is another energy carrier, hot air rises by nature, making steam methods weaker and much less effective than the Oeliatec system.



**100%
Natural
no pesticides**



Ultra Lithium Battery 700

ULB70P

Li-ion 43.2V 17.4 Ah, 752 wh battery



Ultra Lithium Battery 1100

ULB110

Li-ion 43.2V 23.2 Ah, 1003 wh battery



Ultra Lithium Battery 1500

ULB150

Li-ion 43.6V 34Ah, 1527 wh IP54 water rated battery
(sold without harness, but comes with charger as standard)

PELLENC

3 Year Commercial Warranty on all Pellenc products

SOLAR PANELS & CHARGERS



Quick Charger

45487

Rapid Charger (for 700, 1100 and POLY 5 Batteries)



Converter

44V/220V Power Converter 1000



Solerion

SOL260

Mobile Solar Charging Station
(Compatible with all batteries from
the PELLENC range)



CONVER

Solerion converter
1 CONVER per battery
Max 3 on the Solerion



Storage Box

Holds battery, charger and harness

PELLENC

PELLENC

Helion Compact 2 Hedge Trimmers

HEL20

Weight	3.5kg
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Power	1200W
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Cuts per minute	up to 3800
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IP54 Waterproof Rated	
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Delivered with 1 tube of grease, 1 cable, 1 torx screwdriver, 1 armband, 3 replacement screws (cutting head), 1 protection sheath.



Helion Telescopic Hedge Trimmers

HET240

Weight	4.1kg
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Power	1200W
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Delivered with 1 carrying harness, 1 carrying belt, 1 tube of grease, 1 cable, 1 torx screwdriver, 1 armband, 3 replacement screws (cutting head), 1 protection sheath.



Airion Blower

AIR8002	IP54 Waterproof
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Useful Force:	17.5N
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Air flow rate:	920m³/h
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Weight:	2.45kg
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Maximum power:	940W
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Sound level:	79dB
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Delivered with
1 round blowing nozzle, 1 cable,
1 cable carrying hook,
1 tool carrying hook.

3 Year Commercial Warranty on all Pellenc products



Excelion 2000
Brush Cutter

EXC20	IP54 Waterproof
Weight	5.4kg
Power	2000W
Noise	84dB



Citycut Head



Selion Pole P130
Pole Saw

SEP130

Weight	2.7kg
Power	1200W
Guide	10" (25cm)

Selion
Telescopic
T150/200
Pole Saw

SET200

Weight	2.9kg
Power	1200W
Guide	10" (25cm)

Selion Pole
P180
Pole Saw

SEP180

Weight	2.8kg
Power	1200W
Guide	10" (25cm)

Selion
Telescopic
T220/300

SET300

Weight	3.4kg
Power	1200W
Guide	10" (25cm)

Delivered with
1 protection sheath,
1 chain guide, 1 chain,
1 cable.

PELLENC

ETESIA



Duo Cut

Model Code	NACS
Cutting Width	16" (41cm)
Engine	Battery
Drive	Push
Collection	Standard
Mulch	Standard



Duo Cut

Model Code	NACTS
Cutting Width	16" (41cm)
Engine	Battery
Drive	Single Speed
Collection	Standard
Mulch	Standard



Duo Cut

Model Code	PACS
Cutting Width	18" (46cm)
Engine	Battery
Drive	Push
Collection	Standard
Mulch	Standard



Duo Cut

Model Code	PACTS
Cutting Width	18" (46cm)
Engine	Battery
Drive	Single Speed
Collection	Standard
Mulch	Standard

2 Year Commercial Warranty on all Etesia products



Rasion
Basic



Rasion
Easy



Rasion
Smart

PELLENC

	Rasion Basic	Rasion Easy	Rasion Smart
Cutting Width	60cm	60cm	60cm
Weight (without box and battery)	25kg	27kg	29kg
Cutting Height mm (min/max) – 6 positions	25/75	25/75	25/75 (Electronically adjusted)
Max. Power	1000W	1100W	1100W
Blade Rotation Speed – 3 speeds	3000 – 5000	3000 – 5000	3000 – 5000
Ejection	Rear	Rear	Rear
Mulching Kit	Option	Option	Option
Collection Box – litres	70	70	70
Water Rated	IP54	IP54	IP54
Drive	Push	Self Propelled	Self Propelled
Height Adjustment	Manual	Manual	Electronic

3 Year Commercial Warranty on all Pellenc products

COMPARATIVE TABLE OF CO₂ EMISSIONS

Pellenc Professional power tools eliminate nearly 99% of direct emissions of greenhouse gases compared with a combustion engine, namely 86 times less. And, if you recharge your Pellenc batteries with our Solerion solar charger, CO₂ emissions are totally eliminated.

	COMBUSTION ENGINE OPERATED LAWNMOWER Direct emissions + petrol production	RASION BASIC Direct emissions + electricity production	WITH SOLERION Direct emissions
CARBON EQUIVALENT PER DAY	32kg CO ₂	306g CO ₂	0g CO ₂

Specifications: 1kWh EDF corresponds on average to a carbon equivalent of 90g CO₂/kWh in France, covering production and the remainder of its life (ADEME-France) – 1L of SP95 super fuel has a carbon equivalent of 2.5kg CO₂/L in direct emissions and 5.5kg CO₂/L in production + direct emissions – Basis: 6 h working day and 200 annual working days.

Cleanion Battery-Powered Brush

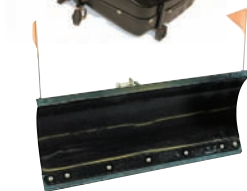
A pedestrian battery-powered brush, suitable for removing debris from natural and artificial grass and other hard surfaces.



Attachments



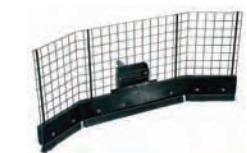
Collector



Snow Blade



Spray Boom



Debris Protector



Snow Chains

The Pellenc Cleanion is a revolutionary, self-driven brush which is powered by the ULiB Battery. With a large working width and a long operating time of battery charge sufficient for demanding professional use, the Cleanion has a range of uses including:

- Remove debris from grass and hard surfaces.
- Effective snow broom for clearing streets and paths (with the attachment of a snow blade)
- Suitable for paths, drives, constructions sites and car parks.
- Effective on tarmac, block paving, concrete, grass and artificial surfaces.
- Brush untreated moss from areas such as tennis courts, car parks and terraces.
- Brushing artificial surfaces to keep the infill mobile, lift the pile and prevent algae accumulation and surface compaction
- Remove debris from golf course fairways.
- Brush tennis courts, pitches and playgrounds prior to line marking.

The Cleanion has adjustable speed and direction, as well as variable speed control for forward and reverse. Brushing pressure is also displayed in the LCD screen.



Bahia

Model Code	VTE
Cutting Width	Optional Deck
Engine	Electric
Drive	Electric
Collection	n/a

ETESIA



Donky Electric Wheel Barrow

Model Code	MBE
Capacity	250kg
Engine	Electric Motor (2 Speed)
Water Tank	85 litres

2 Year Commercial Warranty on all Etesia products



Battery

Bahia

Model Code	M2E
Cutting Width	32" (80cm)
Engine	Electric
Drive	Semi
Collection	Ground Tip



Petrol



Buffalo

Model Code	HVHP
Cutting Width	50" (124cm)
Engine	Briggs & Stratton
Drive	Hydraulic
Fuel	Petrol
Collection	High Lift (hydraulic)



Buffalo

Model Code	HVHPX
Cutting Width	50" (124cm)
Engine	Briggs & Stratton
Drive	Hydraulic – 4 Wheel Drive
Fuel	Petrol
Collection	High Lift (hydraulic)

2 Year Commercial Warranty on all Etesia products



Petrol

Buffalo

Model Code	BVHP
Cutting Width	39" (100cm)
Engine	Briggs & Stratton
Drive	Hydraulic
Fuel	Petrol
Collection	High Lift Tip



Buffalo

Model Code	BVHPX
Cutting Width	39" (100cm)
Engine	Briggs & Stratton
Drive	Hydraulic – 4 Wheel Drive
Fuel	Petrol
Collection	High Lift (hydraulic)

All Briggs & Stratton Vanguard 23hp engines are fitted with Catalytic Convertors and carry a 3 year Commercial Engine Warranty.

2 Year Commercial Warranty on all Etesia products

Hot Water Weed Control Machines



Hoëdic compact Hot Water Weeding Machine

- Pump 24 volts and maintenance-free GEL batteries
- Autonomy: 8 hours
- Ultra quiet
- Fuel oil for heating
- Tank 300 Litres (can work with recycled water: rain, drilling, etc.)



Compact and ultra-quiet machines.

Hoëdic CM Self Propelled Weeding Machine



Bréhat 500 & 1000 Tractor-mounted Weeding Machines

2 principle functions:

- Weeding with hot water (1 or 2 people)
- Cleaning with high pressure with hot water (200 bar)

With a high pressure pump mounted on the PTO, the BRÉHAT allows to work with performances for weeding and for washing.



Houat 500 & 1000 Weeding Machines

The Oeliatec Houat machines have the same advantages as others in our range and also possesses the functions of an automated management system.

Hot Water Weed Control Machines



Belle Île Environmentally-friendly weed control in a trailer

The Oeliatec Belle-île is an all in one trailer – an indispensable tool for the facilities services, able to meet different demands through its flexibility.

Always reacting to our clients' requirements and providing solutions to problems, Oeliatec offer this all in one technical solution.

The Oeliatec Belle-île is a versatile trailer which offers ecological weeding and high pressure cleaning with hot water for the removal of chewing gum and graffiti.



- High pressure pump 200 bar
- Irrigation in silence
- Hydro curettage (nozzle and pipe)
- Fuel for temperature
- Electric for pump (24V)
- Oil for high pressure



ETESIA

PELLENC



Planet Etesia website for customer reviews

www.planet-etesia.com

*gives visitors the opportunity to read
customer reviews and comment on its
extensive range of innovative products*



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