



# RASION 2

QUIET PLEASE, WE'RE MOWING!

The professional solution for mowing your lawn quietly

NATURE DRIVES US.

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

**PELLENC**



## Laurent Dabbène

Resources and methods manager

Segex Group (91)

Garden development and maintenance

“

*The trust placed in us by our customers over the past 55 years has been built on our professional approach and know-how in garden layout and maintenance. In the past, we used mainly petrol-motor gardening tools in our activities. But over the years, our approach to the job has gradually evolved.*

*PELLENC being the reference in the field, the decision to draw on their expertise was perfectly natural. It is now twelve years since we first began investing in Pellenc battery-powered tools from the Green and City Technology range, and we are extremely satisfied with the results. PELLENC machines are quiet, which is a real source of satisfaction for our clients, both those of the general public and local authorities. Their battery autonomy is perfectly suited to our activities, and the tools are extremely efficient.”*







## Pierre Yves Duminil

Team leader

Les Jardins de Castellane (84)

Garden development and maintenance



*Our place of work is a holiday residence in the Vaucluse region of France maintaining an estate that stretches over some 40 hectares. This year we experimented with the RASION 2, whereas previously we had employed petrol-motor lawnmowers. The RASION 2 is clearly a very different kind of machine. For one thing, because it is so quiet, we no longer have to wear hearing protection and we can work without disturbing the clients. What's more, it is very easy and comfortable to use. We can bring it all over the estate and easily manoeuvre around trees. In addition at less than 30 kilos it is surprisingly light, which makes it easier to go up or down steps on site.”*



# Mowing with consideration for the user's well-being



## Exceptionally low vibration

**NEW** Vibration rate of 0.7 m/s<sup>2</sup>  
(compared to 4.5 m/s<sup>2</sup> for a petrol mower).

## Easy to handle

Zero Turn assisted-steering system: idle wheels at the front and reverse rotation of the rear wheels make it easy to turn 180°.

**NEW** 4 mm non-slip and notched front single wheels facilitating stability and smooth operation.

**NEW** 2 front-wheel locking positions: idle wheels or guided steering to manage slopes.

## Cutting adjustment

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

## Compact

Cleaning and storage position.



## Intensive mowing over extended periods



### Perfect cut

Two counter-rotating blades:  
3,000 to 5,000 rpm  
Thin steel blades with high tensile strength.

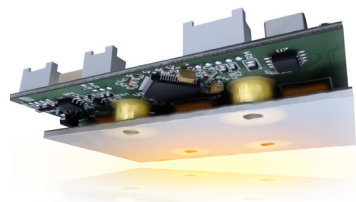


### Optimised automatic anti-jam system

**NEW** Reverse rotation of the blades to remove excess grass from the housing while keeping the mower running.

### Heat dissipation.

**NEW** IMS\*\* circuit board derived from LED technology, delivers higher electronic capacity and improved heat exchange, extending the machine's limits.



SEE THE IMS\*\*  
CIRCUIT  
BOARD IN 3D

\*\*Insulated metallic substrate

## Mowing quietly



### Low-noise wheel motor

Low-noise brushless wheel motor with direct drive.  
91 dB at cutting speed 3 and 93 dB at maximum power.



SEE THE WHEEL  
MOTOR IN 3D







SEE THE  
RASION 2  
IN 3D



## Adjust your cutting speed to the work at hand

- Maintenance mowing: lower the rotational speed of the blades and increase the ground speed
- Difficult conditions (tall grass): increase the speed of the blades (C3) and reduce ground speed 2 km/h.

















 **Maintenance**, speed 1 suitable for noise-sensitive environments Dry grass, height <5cm  
**C1**

 **Maintenance**, speed 2 suitable for noise-sensitive environments Wet grass, height between 5 and 10 cm  
**C2**

 **Mulching**, discharging Wet and thick grass, height between 10 and 15 cm  
**C3**

 **Difficult collection conditions and fast ground speeds** Dry grass  
**C4**

Boost function activated by pressing the trigger twice

 4 speeds - 1,600 W			
<b>C1</b> 3,000 rpm		<b>87 dB</b>	
<b>C2</b> 3,666 rpm		<b>89 dB</b>	
<b>C3</b> 4,333 rpm		<b>91 dB</b>	
<b>C4</b> 5,000 rpm		<b>93 dB</b>	
			



## RASION 2 EASY & SMART

4 ground speeds  
(3 on the Easy model with the ICC option\*)



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

: 25 to 75 mm

**NEW**

IMS\*\* circuit board

**NEW**

Low-noise brushless wheel motor

Zero Turn

## RASION 2 SMART

One-handed control, electronic control panel for adjusting the cutting height, ground speed, and the rotational speed of the blades



ICC\* vegetation detector



\*Intelligent Cutting Control  
\*\*Insulated metallic substrate

## TECHNICAL FEATURES

	RASION 2 SMART	RASION 2 EASY
Cutting width	60 cm	
Flexible collection bin	70 L	
Weight without collection box or battery	30 kg	28 kg
Battery life with ULiB 1500 battery	5,400 m <sup>2</sup>	
Max. cutting power	1,600 W	
Guaranteed noise level L <sub>WA</sub> dB(A)	93 dBA	
Sound level L <sub>pA</sub> dB(A)	83.5 dB	
Vibrations a <sub>hv</sub>	0.7 m/s <sup>2</sup>	
Collection blades as standard	2	
Blade speeds	4(4+1 ICC*)	4 or 3 + ICC* available as an option
Blade rotation speed	3,000 to 5,000 rpm	
ICC* infra-red vegetation detector	Yes	Available as an option
Boost -> 5,000 rpm	Yes	
6 cutting heights	25/35/45/55/65/75 mm	
Centralised height adjustment	Electronic	Manual
Mulching kit: blades and sealing plug	Available as an option	
Ground speeds	2/3/4/5 km/h	
Front wheel lock	Free or locked position	
Housing	Aluminium	
LED control panel	Yes	No
Assisted zero turn	Yes	No
Immobiliser safety feature in vertical position	Yes	
Automatic anti-jam mode	Yes	
Parking brake	Electric (semi-automatic)	Manual
IP54	Yes	

 Developments compared with RASION 1

\*Intelligent Cutting Control  
\*\*Insulated metallic substrate





## RASION 2



### QUIET

93 dB



### PRODUCTIVITY

1,600 W  
Cutting width: 60 cm



### BATTERY LIFE

Up to 5 hours - 5,400 m<sup>2</sup>



### LIGHTWEIGHT

Less than 30 kg



### ERGONOMICS

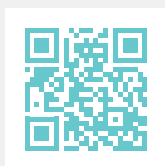
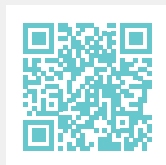
Very easy to handle  
Low vibration



### WATERTIGHT

Work in all weather conditions

## VIEW VIDEOS OF OUR LAWNMOWERS IN ACTION ON OUR WEBSITE AND ON SOCIAL NETWORKS




*Request a demonstration  
at a distributor near you*

Distributor's stamp

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