



AIRION BACKPACK

BREATHTAKING POWER

The battery powered backpack blower for professionals

NATURE IS OUR DRIVER

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PELLENC



POWER

27 N, 1455 m³/h, the battery powered blower for professionals



QUIET

Sound power level 96 dB(A), 10 decibels less than an equivalent petrol tool



SMART CONTROL

Real-time information



BATTERY LIFE**

From 40 min to 3 h depending on the battery used and the intensity of the work



SEALING

IP54 protection rating against dust and water ingress so you can work in wet weather.

All the power you need

Professional-grade performance

A powerful electric backpack blower with 27 N of thrust and an airflow of 1455 m³/h.

Signed by the PELLENC R&D team

Optimised airflow efficiency for extended battery life.

Energy management by virtue of the control features

- Range of speeds (4 speeds available + 1 boost function);
- Remaining battery life displayed as a % or in h and min.

BATTERIES	ULiB 1200-1500			
	Without nozzle		With nozzle	
Selected speed setting	V4	Boost	V4	Boost
Thrust (n)	18.7	27	18.7	27
Air flow rate (m ³ /h)	1124	1455	1070	1285
Air speed (m/s)	55	73	63	75

With the additional advantage of quietness

10 decibels less noisy than an equivalent petrol backpack blower—the same performance level with less noise!

Night-time cleaning rounds are less noticeable to local residents.

PLEASE NOTE:

An increase of about 10 dB(A) is perceived as “twice as loud”.

The noise perceived at night is less tolerable for the residents. The noise disturbance in the evening or at night is increased.



Not to mention ergonomic

Hardly any vibration

10 x less vibration compared to an equivalent petrol tool.

Comfortable cushions and a 3-point adjustable harness

Lets you easily keep working in the rain

With its IP54 protection rating against dust and water ingress, the AIRION BACKPACK blower lets you work in all weather conditions.

Design choices

- A better positioned centre of gravity to limit the sense of being pulled backwards.
- Dorsal architecture that limits the impact of the thrust on the user's shoulder.
- The pivot allows for effortless freedom of movement.
- The pivot angle eases the closing movement of the arm, which is the movement that puts the most strain on the user.

SMART HANDLE

- Ⓐ Control switch for selecting the speed and activating the Boost function + Ⓜ Speed limiter



Cruise control

Activated by pressing the switch upwards for 0.5 seconds.



Boost

Activated by pressing the switch downwards for 0.5 seconds.

- Ⓑ Rear trigger for progressive and responsive acceleration
- Ⓒ Button for rapid access to the options menu

At a glance

- Ⓛ Current speed setting (4 speeds to choose from)
- Ⓜ Remaining battery life displayed in hours & minutes or as a %
- Ⓝ Acceleration bar graph
- Ⓞ Energy saving info accurate to < 500 W

Alerts

- Ⓟ After-sales service maintenance message
- Ⓠ "Fault" alert
- Ⓡ Screen lock

POWERFUL AND QUIET



STANDARD ACCESSORIES



SHORT SECONDARY NOZZLE



LONG SECONDARY NOZZLE



ROUND TIP WITH ANTI-WEAR RING

NOZZLES



ERGONOMIC ANGLED NOZZLE

For a high air flow rate when working close to the ground



For large piles of leaves.



ANGLED FLAT NOZZLE

for speed and precision.



For very wet leaves on the ground and other highly encrusted residues, cigarette butts, trellis towers.



FLAT NOZZLE

for precision cleaning.



For leaves, pine needles, waste to be cleared from a grove, fence, or from under a car.

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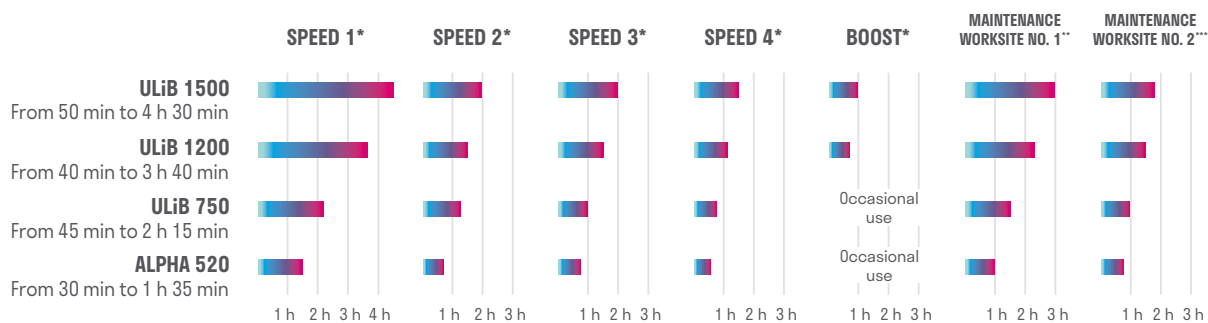
My teams and I use the Airion Backpack blower as early as 6 a.m. in urban areas. We do about 10 hours of work a day during the autumn when there are lots of leaves on the ground. The handle is very comfortable and prevents wrist pain. The remaining battery life display on the smart handle is also very handy for planning our workload ahead of time. This blower is more powerful than a Lambda electric blower and comes close to the power of a petrol blower, which is very satisfactory. Its weight is less noticeable due to its ergonomic design, which is very well thought out and crafted. The Airion Backpack blower delivers very good battery life, especially with the 1500 battery. We use it in extreme conditions with wet leaves stuck to the ground and it has proven itself in terms of endurance. Lastly, the battery-powered blower is quiet, so there is less noise disturbance for the local residents.

Raphaël Denes

Environment Department Manager, PIZZORNO VENISSIEUX



BATTERY LIFE*



Battery compatibility

Can be used with the battery models ULiB 1500, 1200, 750 & Alpha 520.

*Battery life recorded during continuous work: full trigger. New and fully charged battery. ** Average times measured during typical work, including moving around the worksite and varying the power settings. Example of maintenance work on a residential estate of 200 houses. *** Average times measured during intense work, including moving around the worksite and varying the power settings. Example of leaf blowing in the autumn to clean a road or a municipal park.

TECHNICAL FEATURES

Volumetric air flow rate without nozzle (m ³ /h)	1455
Volumetric air flow rate with nozzle (m ³ /h)	1280
Max. power (W)	1750
Power supply voltage (V)	43.2
Tool weight in kg (without battery or nozzle)	6.8 kg
Weight with nozzle	7.7 kg
Sound pressure level (L _{PA})*- dB(A)	80.5
Sound power level (L _{wag})*-dB(A)	96
Vibration level (a _h)**-m/s ²	0.2
Short and long secondary nozzles + round tip with anti-wear ring	included
Battery life*** with battery models Alpha 520 / ULiB 750, 1200, 1500	Standard maintenance: 1 h to 3 h Intense road cleaning work: from 40 min to 1 h 50 min

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

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

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

Distributor's stamp

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