



Electric Blower Vacuum Shredder 3000W

RAC3000EB-A

INSTRUCTION MANUAL



WARNING: Read this manual carefully before use it.

BUILDER SAS
32, rue Aristide Bergès - ZI 31270 Cugnaux – France
MADE IN PRC 2020





FIG. 1

1 APPLICATION

This vacuum blower is intended to be used for the vacuuming and the blowing of leaves, dust, and similar little materials. It must not to be used for vacuuming and blowing water, chemical products, flammable material, metal or wood and others dangerous objects.

- This product is intended for private domestic use only. It must be used outdoors.
- This product is not intended to be used in a closed room or in places where exhausted gas and flames can be present.
- The use of this product in case of rain or humid environment is prohibited.
- Use this vacuum blower only as described in this manual and only for the intended use as described above.
- Any other use might lead to damage of the appliance, property or personal injury.
- No liability will be accepted for damage resulting from improper use or non-compliance with this manual.



WARNING! For your own safety, read this manual and the general safety instructions carefully before using the appliance. Your power tool should only be given to other users together with these instructions.

2 DESCRIPTION (FIG. 1)

- | | |
|----------------------------|---------------------------|
| 1. Wheel support | 7. ON/OFF switch |
| 2. Front blow/suction tube | 8. Collection bag support |
| 3. Rear blow/suction tube | 9. Collection bag |
| 4. Lever selector | 10. Shoulder strap |
| 5. Body of the tool | 11. Power cable |
| 6. Speed adjustment dial | |

3 PACKAGE CONTENT LIST

- Remove all packaging materials.
- Remove remaining packaging and packing inserts (if included).
- Check that the package contents are complete.
- Check the appliance, the power cord, the power plug and all accessories for transportation damage.
- Keep the packaging materials as far as possible until the end of the warranty period. Then take it to your local waste disposal system.



WARNING Packaging materials are not toys! Children must not play with plastic bags! There is a danger of suffocation!

- 1 x Electric Blower Vacuum
- 1 x Collection bag
- 1 x Collection bag support
- 1 x Front blow/suction tube
- 1 x Rear blow/suction tube
- 1 x Shoulder strap
- 2 x Screws
- 1 x Wheel assembly
- 1 x Manual
- 1 x Warranty card

4 SYMBOLS



Read operator's manual



SWITCH OFF: Remove plug from mains before cleaning or maintenance



Do not expose to rain



Wear eye protection



Keep bystanders away



Disconnect the mains plug if the cord becomes damaged or entangled



Guarantee sound power level

5 GENERAL POWER TOOL SAFETY WARNINGS

Read all safety warnings and instructions. Failure to heed warnings and follow instructions may result in electric shock, fire and/or serious injury. Keep safety warnings and instructions for future reference. The term "power tool" in the safety warnings refers to your mains-operated (corded) power tool or battery- operated (cordless) power tool.

**IMPORTANT
READ CAREFULLY BEFORE USE.
KEEP FOR FUTURE REFERENCE.**

Safe operating practices for hand-held mains-operated electrical garden vacuums, and garden blower/vacuums with or without shredding means and garden blowers

Training

- a) Read the instructions carefully. Be familiar with the controls and the correct use of the machine.
- b) Never allow children or people unfamiliar with these instructions to use the machine. Local regulations can restrict the age of the operator.
- c) Keep in mind, that the operator or user is responsible for accidents or hazards occurring to other people or their property.

Preparation

- a) Obtain ear protection and safety glasses. Wear them at all times while operating the machine.
- b) While operating the machine always wear substantial footwear and long trousers. Do not operate the machine when barefoot or wearing open sandals. Avoid wearing clothing that is loose fitting or that has hanging cords or ties.
- c) Do not wear loose clothing or jewellery that can be drawn into the air inlet. Keep long hair away from the air inlets.
- d) Operate the machine in a recommended position and only on a firm, level surface.
- e) Do not operate the machine on a paved or gravel surface where ejected material could cause injury.
- f) Before using, always visually inspect to see, that the **shredding means**, **shredding means** bolts and other fasteners are secure, the housing is undamaged and that **guards** and screens are in place. Replace worn or damaged components in sets to preserve balance. Replace damaged or unreadable labels.
- g) Before use, check the supply and extension cord for signs of damage or ageing. If the cord becomes damaged during use, disconnect the cord from the supply immediately. **DO NOT TOUCH THE CORD BEFORE DISCONNECTING THE SUPPLY.** Do not use the machine if the cord is damaged or worn.
- h) Never operate the machine while people, especially children, or pets are nearby.

Operation

- a) Before starting the machine, make certain that the feeding chamber is empty.
- b) Keep your face and body away from the feed intake opening.
- c) Do not allow hands or any other part of the body or clothing inside the feeding chamber, discharge chute, or near any moving part.
- d) Keep proper balance and footing at all times. Do not overreach. Never stand at a higher level than the base of the machine when feeding material into it.
- e) Always stand clear of the discharge zone when operating this machine.
- f) When feeding material into the machine be extremely careful that pieces of metal, rocks, bottles, cans or other foreign objects are not included.
- g) If the cutting mechanism strikes any foreign objects or if the machine should start making any unusual noise or vibration, immediately shut off the power source and allow the machine to stop. Disconnect the machine from the supply and take the following steps before restarting and operating the machine:
 - i) Inspect for damage;
 - ii) Replace or repair any damaged parts;
 - iii) Check for and tighten any loose parts.
- h) Do not allow processed material to build up in the discharge zone; this may prevent proper discharge and can result in kickback of material through the intake opening.

- i) If the machine becomes clogged, shut-off the power source and disconnect the machine from supply before cleaning **debris**.
- j) Never operate the machine with defective **guards** or shields, or without safety devices, for example **debris collector** in place.
- k) Keep the power source clean of debris and other accumulations to prevent damage to the power source or possible fire.
- l) Do not transport this machine while the power source is running.
- m) Stop the machine, and remove plug from the socket. Make sure that all moving parts have come to a complete stop:
 - Whenever you leave the machine,
 - Before clearing blockages or unclogging chute,
 - Before checking, cleaning or working on the machine.
- n) Do not tilt the machine while the power source is running.

Maintenance and storage

- a) When the machine is stopped for servicing, inspection, or storage, or to change an accessory, shut off the power source, disconnect the machine from the supply and make sure that all moving parts are come to a complete stop. Allow the machine to cool before making any inspections, adjustments, etc. Maintain the machine with care and keep it clean.
- b) Store the machine in a dry place out of the reach of children.

- c) Always allow the machine to cool before storing.
- d) When servicing the **shredding means** be aware that, even though the power source is switched off due to the interlock feature of the **guard**, the **shredding means** can still be moved.
- e) Replace worn or damaged parts for safety. Use only genuine replacement parts and accessories.
- f) Never attempt to override the interlocked feature of the **guard**.

Additional safety instructions for units with bagging attachments

Switch-off the machine before attaching or removing the bag.

Recommendation

The machine should be supplied via a residual current device (RCD) with a tripping current of not more than 30 mA.

Additional instructions

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

- Warning - never allow children, persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge or people unfamiliar with these instructions to use the machine, local regulations may restrict the age of the operator.
- Warning - never operate the machine while people, especially children, or pets are nearby.
- If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.
- Before connecting the machine, check if the tool and cable are not damaged. If anything is damaged, do not use the machine and return it to your dealer for inspection and repair.
- Do not use accessories other than those recommended by the manufacturer; Accessories not recommended may damage the unit and / or cause injury.
- Do not disassemble the tool yourself. Any disassembly, repair or inspection must be performed by qualified personnel only.
- Use the tool fully assembled and secure. Before use, check that the guards and safety devices are in place.
- When operating the machine, always wear protective equipment including: face shield, visor or goggles, ear protection, helmet, gloves, non-slip shoes and protective clothing.
- Always carry the machine by its handle. Never use the cord or any other part of the machine.

- Do not use the machine when you are tired, under the influence of alcohol, drugs or when you are sick.
- Use the tool to vacuum and blow leaves and similar materials. Do not blow flammable materials, cigarette butts and materials that may damage the unit.
- Do not use the appliance to suck up water or wet debris.
- Always use the machine with the collection bag.
- Avoid using the machine in bad weather, especially when there is a risk of thunderstorms and lightning.
- In the event of an accident, stop using the machine immediately. Turn it off and unplug it to check the problem. Do not use the machine when it is damaged.
- Do not use the tool in an area where there is insufficient ventilation. Gas emissions can cause injury.
- Do not use the tool in humid places.
- Do not use the tool in the presence of flammable liquids or gases.
- Do not use the product with damaged guards, shields or screens not in place.
- Do not bend. Keep a good balance at all times.
- Keep handles dry, clean and free of oil and grease.
- Use and handle the machine with care.
- Do not put your body, clothing or shoes near the air opening.
- Do not lift the tool while it is running.
- Do not point the tool in front of people; this can lead to accidents and injuries.

- Do not place any objects inside the tube and inside the tool.
- Before using the machine and after a shock, check for signs of wear or damage. Please make repairs if necessary.
- Inspect and maintain the product regularly. Repairs should only be performed by an authorized service center or qualified specialist.
- Children should not play with plastic bags, sheets and small parts! Keep them out of the reach of children. There is a risk of suffocation!
- Do not use the product on a slippery surface.
- Do not use the product on steep, slippery slopes. If you need to work on the slopes, use extreme care and pay attention to your feet. Please wear non-slippery shoes.
- When planning your work schedule, allow enough time for rest. Limit continuous use of the device, for example, use 30 to 40 minutes per session and take 10 to 20 minutes of rest between work sessions. Work a maximum of two hours a day.
- Keep the discharge chute clear of processed material for use, preparation, maintenance and storage of the machine.
- Do not overreach and keep the balance at all times; always be sure of the footing on slopes. Walk, never run.
- Do not touch moving hazardous parts before the machine is disconnected from the mains and the moving hazardous parts have come to a complete stop.

- The tool must be connected to an extension cable. The extension cable shall not be lighter than the standardised code H05 RN-F/H05 VVF. See your retailer or manufacturer for more advice.
- Never to operate the machine with defective guards or shields, or without safety devices, or if the cord is damaged or worn;
- Avoid using the machine in bad weather conditions especially when there is a risk of lightning.
- Do not connect a damaged cord to supply or touch a damaged cord before it is disconnected from the supply; damaged cords can lead to contact with live parts.
- Keep extension cords away from moving hazardous parts to avoid damages to the cords which can lead to contact with live parts.
- When a cable is damaged or entangled, please stop immediately to use the tool. Switch off the tool, let it cool and unplug it in a secure way.
- Do not touch moving hazardous parts before the machine is disconnected from the mains and the moving hazardous parts have come to a complete stop.
- Before connecting, check:
 - Whether the tool and cable are not damaged. If damaged, do not use the machine and bring it back to your dealer for inspection and repair.
 - That the voltage on the rating plate of the tool matches with your electrical installation.

- In case of accident, immediately stop using the machine. Turn off and unplug it and check the problem. Do not use the machine while the machine is damaged.
- Before and after use, inspect the machine and the supply and extension cord for signs of damage or ageing. If repairs are needed, it shall be done by a qualified service agent.

Residual risks

Even if you use this product in accordance with all safety requirements, the risk of injury and damage remain. The following hazards may occur in the structure and design of this product:

- There is adverse health consequences resulting from the emission of vibrations if the product is used for long periods or if it is not properly handled and properly maintained.
- Risk of injury to persons and property caused by projectiles.
- Prolonged use of this product may expose the operator to vibration and may produce a so-called “white finger” disease. To reduce the risk, wear gloves and keep your hands warm.
- If any of the symptoms of “white finger syndrome” occur, seek medical attention immediately. “White finger” symptoms include numbness, loss of sensitivity, tingling, tingling, and pain, loss of strength, colour changes, or skin condition. These symptoms usually

appear on the fingers, hands or wrists. The risk increases at low temperature.

- Inhalation of particles of blown / aspirated material.
- Involuntary projections.
- Contact with foreign bodies.
- Contact with the tool in operation.
- Hearing loss in the absence of proper hearing protection.

6 ASSEMBLY

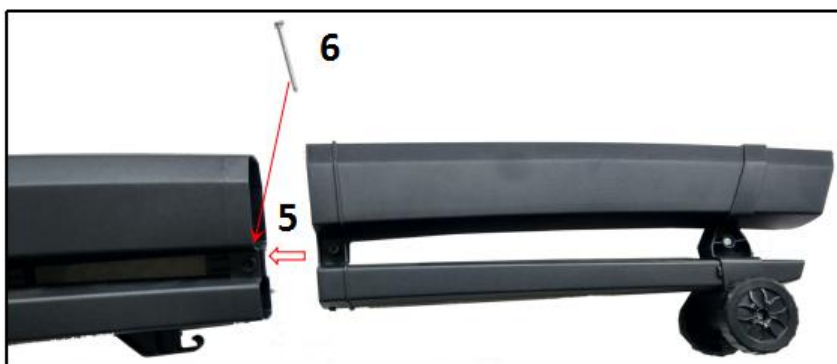
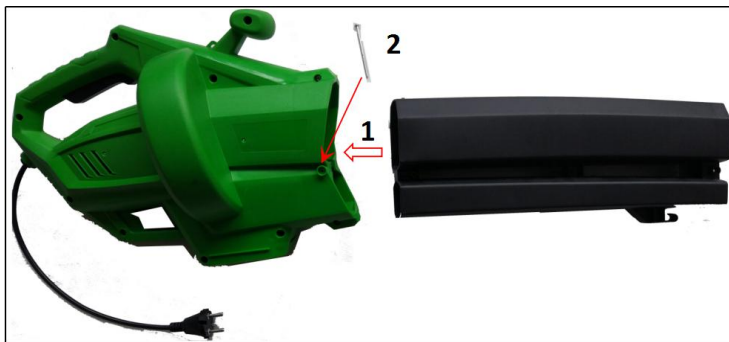
Your new electric blower vacuum requires very little assembly work before it is ready for use.

6.1 Assembling the tubes

1. Slide the rear blow/suction tube into the suction/blower housing and make sure it fits correctly and is fully inserted. Screw the tube with the provided screw (1 and 2).

2. Insert the wheels support into the front suction/blower tube and make sure it fits correctly and is fully inserted. Screw the wheels with the provided screw (3 and 4).

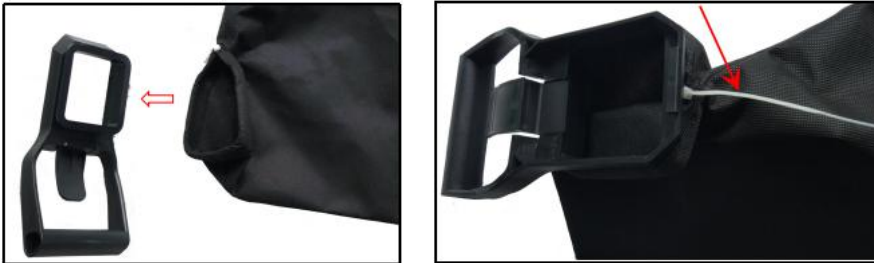
3. Insert the front suction/blower tube into the rear blow/suction tube. Make sure they fit properly and are fully inserted. Screw the tubes with the provided screw (5 and 6).



6.2 Assembling the collection bag support

Insert the collection bag support into the collection bag and make sure it fits correctly and is fully inserted.

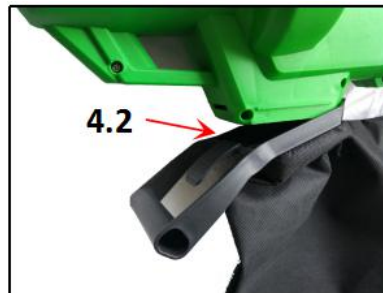
Secure it with the string belt on collection bag has been tightened.



6.3 Fitting the collection bag

Before fitting the collection bag, ensure that the Vacuum/Blower selector lever of the additional adjustable handle operates smoothly and that it is not obstructed by debris from previous use.

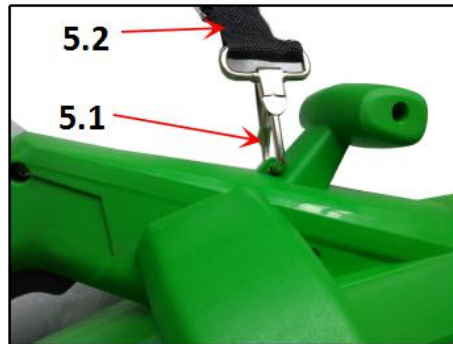
Install the collection bag in the hole localized in the bottom of the tool (4.1). Locate the tab and insert it in the little hole to fix the bag (4.3) Attach the front of the debris collection bag to the underside of the suction-blower tube using the clip fitted to the collection bag (4.4).



6.4 Fitting the shoulder strap

The blower vacuum is supplied with a shoulder strap.

The shoulder strap should be attached to the top of the main body of the blower vacuum as shown (5.1). The shoulder strap is provided to reduce fatigue and aid comfort when using the blower-vac and can be worn in a position to suit the operator (5.2).



7 OPERATION

7.1 Steps prior to operation

Only operate the device after completely assembling it. Prior to each use, check the power cord for signs of damage. Under no circumstances should the power cord be used if it shows any signs of damage.

Ensure that the blower/vacuum is only connected to conventional sockets with a 240V alternating current supply.

Never operate the Blower-vac without the debris collection bag fitted.

7.2 Switching ON/OFF

Press the On/Off switch to start machine (6.1).

To stop the machine, release the On/Off switch.



7.3 Use/Operation

The easiest way to use the blower vacuum is to place the shoulder strap in a comfortable position over your shoulder and hold the rear handle at hip height so that the majority of the tool's weight rests on the rollers.

When using the blower vacuum to pick up leaves it is best to move the tool on its rollers. This ensures that the blower vacuum is at the perfect height above the ground. The blower vacuum is designed only to pick up leaves. To avoid any damage to the tool that is not covered by the warranty; do not use it to pick up branches, stones or other hard materials.

When using the tool as a leaf blower always work away from solid objects such as walls, fences, etc. Whilst you work do not place the blower/vac tube too close to the leaves. The tool will be more effective if you keep it at a certain distance away from the leaves and blow the leaves forwards.



7.4 Switching operating mode

To switch the tool from blower mode to vacuum mode, release the main switch and move the selector lever to the other position (7.1):

Lever to rear of machine (move lever upward) = vacuum (suction)

Lever towards front of machine (move lever downward) = blower



Blower operation

Inspect the area to be worked before starting. Remove any objects that could be thrown, jammed or become entangled in the blower-vac.

The blower-vac can be used to blow debris from patios, paths, driveways, lawns, bushes, borders etc.

Work away from solid objects.

Vacuum operation



Do not attempt to pick up wet debris, allow fallen leaves etc., to dry out first.

Your blower vacuum will pick up leaves, paper, small twigs and wood chippings. These are sucked up the tube. Before being ejected into the collection bag, they pass through the suction fan and are partially shredded. Shredded organic material is ideal to use as mulch around plants.



Warning! Any hard objects, such as stones, tin cans glass etc., will damage the suction fan!

7.5 Collection bag



Note: Before you remove and empty the collection bag ensure that the tool has been disconnected from the mains power supply.

To empty the collection bag, remove it from the tool and empty it.

8 CLEANING AND MAINTENANCE



Attention! Before performing any work on the equipment, unplug the tool.

Warning - Danger of moving hazardous parts.

Keep the ventilation slots of the tool clean to prevent overheating of the engine. Regularly clean the tool housing with a soft cloth, preferably after each use. If the dirt does not come off use a soft cloth moistened with soapy water. Never use solvents such as petrol, alcohol, ammonia water, etc. These solvents may damage the plastic parts. Others maintenance, inspection and repairs shall be provided by a qualified service agent.

9 STORAGE

Never leave material in the blower-vacuum suction tube or collection bag. Disassemble the tool: unscrew the tubes, remove them and then remove the wheel support. Store the tool in its packaging, in a dry place out of reach of children.

10 TROUBLE SHOOTING

Please check below chart for the observed symptoms to solve problems with your machine

Problem	Possible Cause	Action
The engine does not start	The machine is not connected to the mains	Plug the machines to the mains.
	Damaged cable	Take the machine to the after sales agent. Never repair the cable with tape.
	The machine is not completely mounted	Mount the tubes and the catcher.
	Damaged switch	Take the machine to the after sales service
The machine does not blow	The lever of the machine is on vacuum mode.	Put the lever on the blowing position.
	Ventilator obstructed.	Remove the tube and clean the ventilator.
	Tubes obstructed	Clean the tubes
The machine does not vacuum	The lever is on blowing mode.	Put the lever on the vacuum position.
	Ventilator obstructed.	Remove the tube and clean the ventilator.
	Tubes obstructed.	Clean the tubes

If the problem cannot be solved, please contact your after sales agent.

11 TECHNICAL DETAILS

Model nr.	RAC3000EB-A
Voltage / frequency :	230-240V~ 50Hz
Power	3000W
No load speed :	8000-14000/min
Air speed	120-240 km/h
Max air volume	13 m ³ /min (780 m ³ / h)
collection bag	40 L
Shredding ratio :	10:1
Weight	Max. 3,13 kg

12 NOISE

Noise values measured according to relevant standard.

Sound pressure level LpA	88 dB(A) K=3 dB(A)
Sound power level LwA	101 dB(A) K=3 dB(A)
Guarantee sound power level LwA	104 dB(A)



ATTENTION! The sound power level may exceed 85 dB(A), in this case individual hearing protection shall be worn.

aw (Vibration)	4.338 m/s ²	K = 1,5 m/s ²
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13 WARRANTY

Refer to enclosed warranty conditions for terms and conditions.

14 RECYCLING



Should your appliance need replacement after extended use, do not dispose of it with the household refuse, but in an environmentally safe way.

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

Warranty

We guarantee this product for 2 full years.

The warranty period for this item starts on the day of purchase. You can prove the date of purchase by sending us the original receipt.

We insure over the entire warranty period:

- Free repair of possible malfunctions.
- Free replacement of damaged parts.
- Including the free service of our specialized personnel (i.e. free assembly by our technicians)

Provided that the damage is not due to improper use of the device.

To help you with your product, we invite you to use this link or call us on +33 (0)9 70 75 30 30:

<https://services.swap-europe.com/contact>

You must create a "ticket" via their platform:

- Register or create your account
- Indicate the reference of the tool
- Choose the subject of your request
- Explain your problem
- Attach these files: Invoice or receipt, identification plate photo (serial number), photo of the part you need (eg broken transformer plug pins)





GB / DECLARATION OF CONFORMITY



BUILDER

ZI, 32 rue Aristide Bergès – 31270 Cugnaux - France
Tel: +33 (0)5.34.502.502 Fax: +33 (0)5.34.502.503

Declares that the machines:

Electric Blower Vacuum Shredder 3000W

Model: RAC3000EB-A

Serial No.: from XXXXXX to XXXXXX

The people name holding the technical file: M. Olivier Patriarca
Have been designed in compliance with the following standards:

EN 60335-1:2012 + A11:2014 + A13:2017

EN 50636-2-100:2014; EN 62233:2008

EN 55014-1:2017; EN 61000-3-2:2014

EN 61000-3-3:2013; EN 55014-2:2015

And in accordance with the following directives:

Directive Machine 2006/42/EC

Directive EMC 2014/30/EU

Rohs Directive (EU)2015/863 amending 2011/65/EU

Noise Directive 2000/14/EC Annex V & Directive 2005/88/EC

Sound power level LwA101 dB(A) K=3 dB(A)

Guarantee sound power level LwA 104 dB(A)

Philippe MARIE / PDG

Cugnaux, **24-04-2020**