

ORIGINAL INSTRUCTIONS



Sander

User manual

RACPOT220



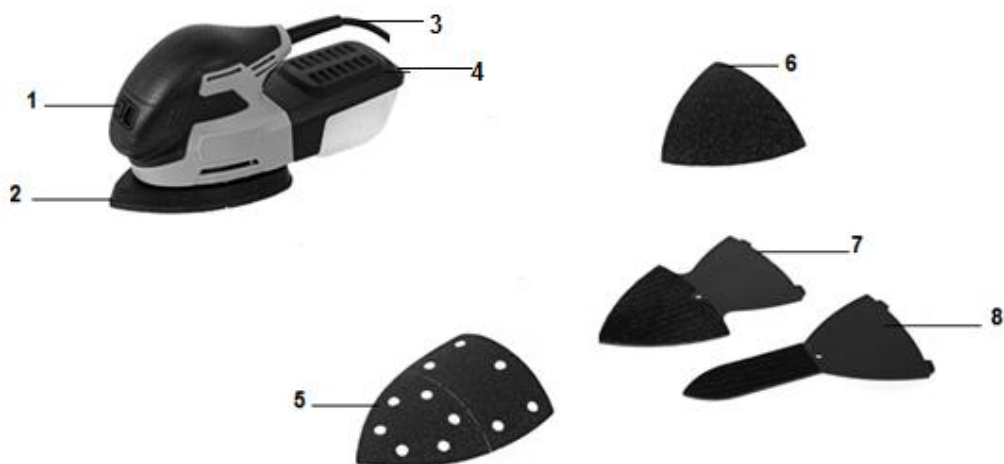
READ INSTRUCTION MANUAL BEFORE USE THE PRODUCT

RACING

32, rue Aristide Bergès - ZI 31270 Cugnaux - France
Fabriqué en RPC 2018



DESCRIPTION



Features

1. ON/OFF switch (I/O)
2. Sanding plate
3. Dust collector
4. Power plug
5. Sanding paper
6. Triangle sanding paper
7. Triangle sanding plate
8. Finger sanding plate

General information

Use and storage of the instruction manual

This instruction manual contains important information and must be read carefully before use. Keep the manual in a safe place and if you pass this product on to any other person, be sure to give that person this instruction manual.

Follow the instructions and safety warnings contained in this manual.

Failure to follow the safety warnings and instructions may result in damage to the machine, serious injury or even death.

Scope of use

The multi sander is designed for sanding various materials on level or nearly level surfaces in accordance with the instructions and safety warnings contained in this manual and may not be used for any other purpose. The product is designed for DIY use only and is not suitable for commercial applications.

The manufacturer cannot be held responsible for damage or injury caused by misuse of the machine. Examples of misuse are given in the following non- exhaustive list:

- Use of the multi sander for any other than its intended purpose
- Use of sanding discs or other tools which are not suitable for the multi sander
- Non observance of the safety warnings or assembly and operating instructions
- Failure to follow the cleaning and maintenance instructions
- Use of the multi sander in modified form
- Commercial or otherwise excessive use

Anyone who operates the machine must be familiar with these instructions and must be aware of the possible dangers. This product may only be used by a competent person – in case of doubt seek training or advice from an expert. Any applicable health and safety regulations must be followed.

Residual risk

A residual risk of injury remains even if the machine is used for its intended purpose in accordance with the safety, assembly and operating instructions.

Due to the nature of the machine, the following dangers may arise:

- Contact with the sanding disc
- Contact with toxic saw dust which may be produced

Avoid any exposition to harmful/toxic dust arising from sanding. Always wear a mask of protection during the use of the machine. Contact with or inhalation of these dusts can endanger the health of operator and bystanders.

Symbols



Wear ear protection



Wear protective goggles



Wear a dust mask



Read operating manual

General safety instructions



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

1) Work area safety

- a) **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- c) **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) Electrical safety

- a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

3) Personal safety

- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- b) **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c) **Prevent unintentional starting. Ensure the switch is in the off-position connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
- d) **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

- e) **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** *Loose clothes, jewellery or long hair can be caught in moving parts.*
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** *Use of dust collection can reduce dust-related hazards.*

4) Power tool use and care

- a) **Do not force the power tool. Use the correct power tool for your application.** *The correct power tool will do the job better and safer at the rate for which it was designed.*
- b) **Do not use the power tool if the switch does not turn it on and off.** *Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*
- c) **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
- d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** *Power tools are dangerous in the hands of untrained users.*
- e) **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** *Many accidents are caused by poorly maintained power tools.*
- f) **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
- g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the power tool for operations different from those intended could result in a hazardous situation.*

5) Service

- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the power tool is maintained.*

Operational safety instructions for your Multi-Sander

CAUTION

Working safely with this machine is possible only after the operating manual and safety instructions have been read completely and the instructions contained therein are strictly followed.

Check the machine, the cable and the plug for damage each time you use the machine.

Any damage must be repaired by a qualified electrician.

Ensure that the machine is switched off before connecting the machine to the mains.

The machine must not be allowed to become damp and must not be used in a damp environment.

The machine may only be used for dry sanding.

Protect yourself from the dangers that occur when sanding by wearing a dust mask and protective goggles.

Always connect the dust extractor to the machine during operation.

Do not work on material containing asbestos.

When sanding metal be aware that the sparks produced can pose a risk of fire.

Because of the risk of fire, inflammable materials must be removed from the spark flight zone and / or working area.

Empty the dust bag regularly whilst sanding and when you finish work.

Be very careful when disposing of dust as some materials can be explosive in dust form.

Never dispose of dust in a fire. Mixtures of dust particles and oil or water can ignite spontaneously after a time.

Switch the machine off and allow the sanding plate to come to a complete stop before putting the machine down.

Never allow children to use the machine.

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.

Always lead the mains cable away towards the rear of the machine.

Maintain a stable posture and always keep your balance when working.

Disconnect the unit from the mains before carrying out any type of maintenance or adjustments.

Wear suitable clothing. Do not wear loose fitting clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose fitting clothing, jewellery or long hair can become caught up in moving parts.

Harmful or toxic dust

Caution! Harmful or toxic dust may be produced when sanding lead painted surfaces, woods or metal. Contact with, or inhalation of these dusts can endanger the health of the operator or bystanders. Keep bystanders out of the area, wear an approved dust mask or respirator suitable for the material being sanded and connect the machine to a dust extraction device. If in doubt consult an expert.

USE

Mains voltage

Ensure that the local mains voltage is in conformity with the information on the rating label. The machine is designed for use with single phase alternating current 230 V~ / 50 Hz and is double-insulated. Make certain that the rated voltage stated on the machine's type plate matches the local mains voltage before using the machine. If the work area is not close to the mains outlet, an extension cable with a sufficient conductor cross sectional area (min. 1.5 mm²) must be used. The extension cable used should be as short as possible. Always ensure that any extension cord used is fully unwound to avoid a risk of overheating.

Fitting / changing sanding plates

Caution! Disconnect the unit from the mains before carrying out any maintenance or adjustments.

The multi sander is supplied with 2 interchangeable sanding plates:

- Triangle sanding plate.
- Finger sanding plate.

Remove the fitted sanding plate by removing the mounting screw by using a screwdriver.

Fit the required sanding plate/attachment to the base of the machine.

Secure the sanding plate/ attachment by replacing and tightening the mounting screw.

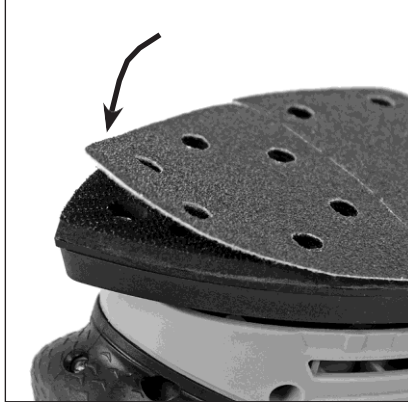


Fitting sanding sheets

Before, check the sanding plate and remove any debris on it if any.

Stick the sanding paper on the sanding plate. The sanding paper must fit the surface of the sanding plate and may not overlap. The holes in the sanding paper must line up with the holes in the sanding plate in order for the dust extraction to function properly.

Never use the sander without a sanding sheet or another consumable fitted.



When using the triangle sanding plate, stick on it the triangle sanding paper by following the same process as described above.

Using the machine

Switching ON / OFF

Press the 'I' button to turn the machine ON.

Press the 'O' button to turn the machine OFF.



Caution: Wear safety goggles, ear protection and a dust mask when using the machine. Always keep a firm grip on the tool. Use both hands. Keep your fingers away from the sanding plate/attachment.

Switch the machine ON and wait until the machine has reached its full no load speed before engaging with the workpiece.

Apply the sanding plate/attachment gently to the workpiece. Exerting excessive pressure does not improve sanding performance and can lead to a shortened disc life and increased wear to the tool.

NOTE: Excessive pressure does not increase sanding performance!

Dust extraction

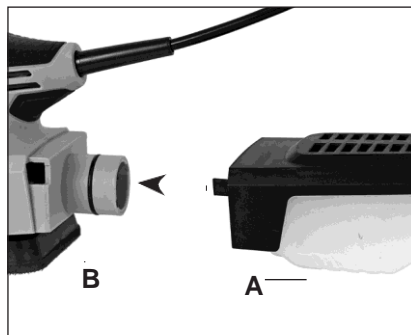
The multi sander can either be connected to the dust collector (supplied) or to an external dust extraction device or vacuum cleaner.

Dust collector

Proceed as follows to fit the dust collector to the machine:

Insert the dust collector (A) into the slots in the dust extraction outlet (B) as shown.

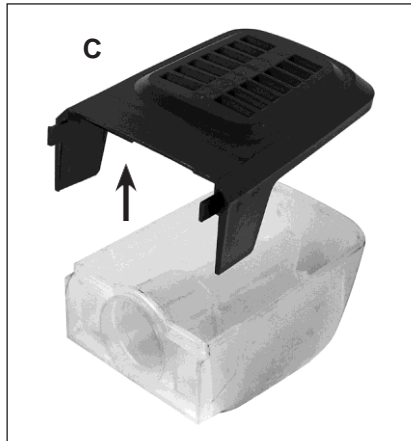
Pull the dust collector to remove it from the machine.



Changing / emptying the collection bag

Remove the dust collector from the machine as described above. Remove the black cover (C) from the dust collector.

Empty the dust collector and clean using compressed air. The dust collector can also be washed but must be dried thoroughly before being re-used.



Do not use the dust collector when sanding metal. The hot metal particles could cause any residual dust or the dust collector itself to catch fire.

Note: Empty the dust collector regularly and after each use.

Tips and instructions

When sanding, it is important to start with a coarse sanding disc and to progress using finer sanding discs. If the sanding disc used is too coarse the surface finish will not be smooth, and could even become rougher. If the sanding disc used is too fine, poor results will be achieved.

When possible during sanding keep the sanding plate/attachment parallel with the surface of the workpiece. Do not exert excessive pressure on the multi sander. Sanding discs which are covered in dust or residue produce poor results.

Excessive pressure does not increase sanding performance!

Use the right abrasive for your application. Bear in mind the properties of the workpiece and the result you wish to achieve.

Sanding performance is determined largely by the choice of abrasive and properties of the material surface.

Maintenance and cleaning

Care

Clean the machine each time you use it. Pay particular attention to the area around the ventilation slots and ensure that these are free of wood dust to prevent the risk of the motor overheating.

For this reason we recommend that you clean the multi sander with compressed air each time you use it.

Do not use aggressive cleaning agents such as petrol or alcohol as these can damage the plastic parts of the machine.

Maintenance

The machine requires very little maintenance. Pay particular attention to the mains cable. Mains cables may only be replaced by the manufacturer, an authorized service center or a qualified electrician.

Technical specifications

Rated voltage 230V ~ / 50 Hz

Rated power 220 W

No load speed 13000/min

Weight 1,3 kg

Sanding plate dimensions Detail sanding base: 140x140x80 mm

Detail sanding attachment: 90x90x90 mm Finger sanding attachment: 90x30 mm



Class II protection category

Noise emissions

Sound pressure level $L_{pA} = 75 \text{ dB(A)}$ $K=3\text{dB(A)}$

Sound power level $L_{wA} = 86 \text{ dB(A)}$ Uncertainty $K=3\text{dB(A)}$

Wear ear protection!

Vibration levels: $a_h = 9.6 \text{ m/s}^2$ Uncertainty: $K = 1.5 \text{ m/s}^2$

The declared vibration total has been measured in accordance with a standard test method and may be used for comparing one tool with another. This total may also be used in a preliminary assessment of exposure.

Warning:

The vibration emission during actual use of the tool can differ from the declared total value depending on the ways in which the tool is used, for example:

The tool being well-maintained and in good condition
Whether the tool is used according to the scope of use as stated in this manual.

Warning:

It is necessary to identify measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking into account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time.)

Take steps to reduce your vibration exposure risk:

Use the tool only as described in this manual

Only use suitable sanding belts and accessories and ensure that these are in good condition and are suitable for the type of work carried out

Keep the tool well maintained and in good condition

If this tool is used on a regular basis wear anti-vibration gloves

Recycling



This symbol indicates that this product may not be disposed of together with domestic waste in compliance with the (2012/19/EU) Regulation pertaining to waste electrical and electronic devices (WEEE). This product must be handed in at a collection point intended for the purpose. This can occur, for example, by handing it in at an authorized collecting point for the recycling of waste electrical and electronic equipment. Owing to potentially hazardous substances that are frequently contained in waste electronic equipment, incorrect handling of waste equipment may have a negative impact on the environment and on the health of human beings. By disposing of this product correctly, you are also contributing towards an efficient use of natural resources. Information on collecting points for waste equipment can be obtained from your municipal authorities, the public law disposal authorities, an authorized institution for the disposal of waste electrical and electronic equipment or the waste collection services.

EU DECLARATION



RACING
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States that the designated below machine:

SANDER
Model: RACPOT220

Serial number:20180749660-20180752159

Developed, designed and manufactured in accordance with the requirements of directives:

Machinery Directive 2006/42/EC
EMC Directive 2014/30/EU
ROHS Directive 2011/65/EU

Also meets the following standards:

EN60745-1:2009+A11:2010
EN60745-2-4:2009+A11:2011
EN55014-1:2017
EN55014-2:2015
EN61000-3-2:2014
EN61000-3-3:2013

Cugnaux, 06/06/2018

Philippe MARIE / PDG

A handwritten signature in black ink, appearing to be "Philippe Marie", written over a faint circular stamp or watermark.

Responsible of the technical file: Olivier Patriarca