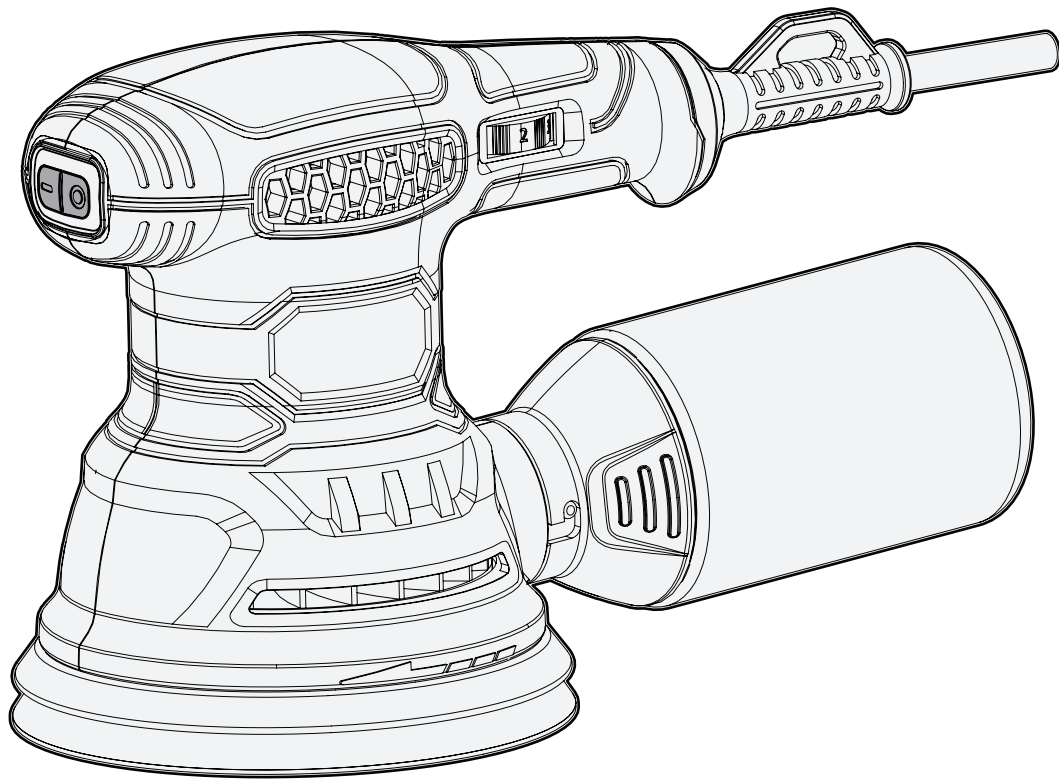




300W ORBITAL SANDER

Product Instructions

Product No. 3500323.1

vonhaus

Let's get started!

Visit our product hub for useful tips and tricks on getting the most out of your new product.

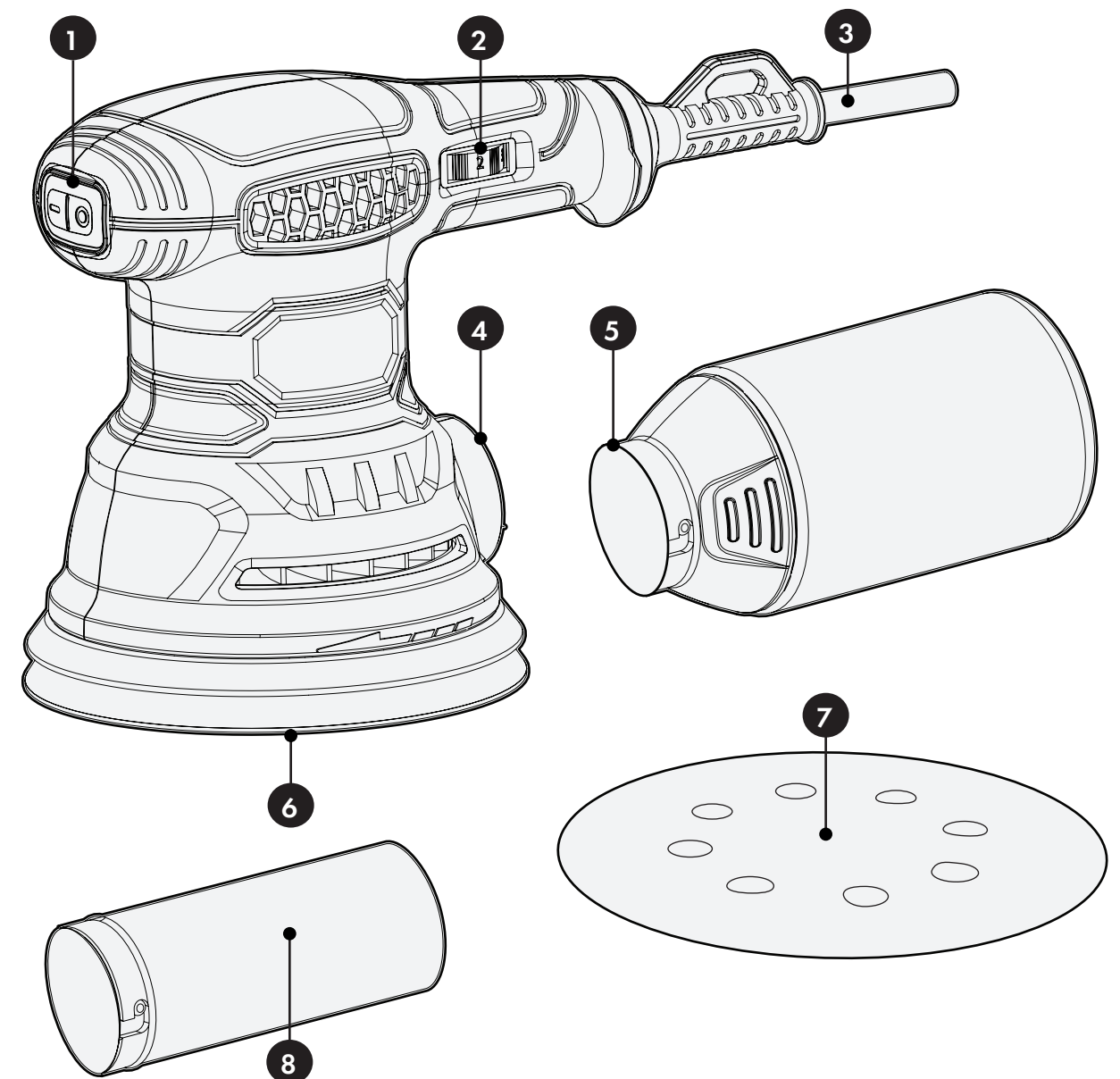
SCAN ME



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Parts & Components



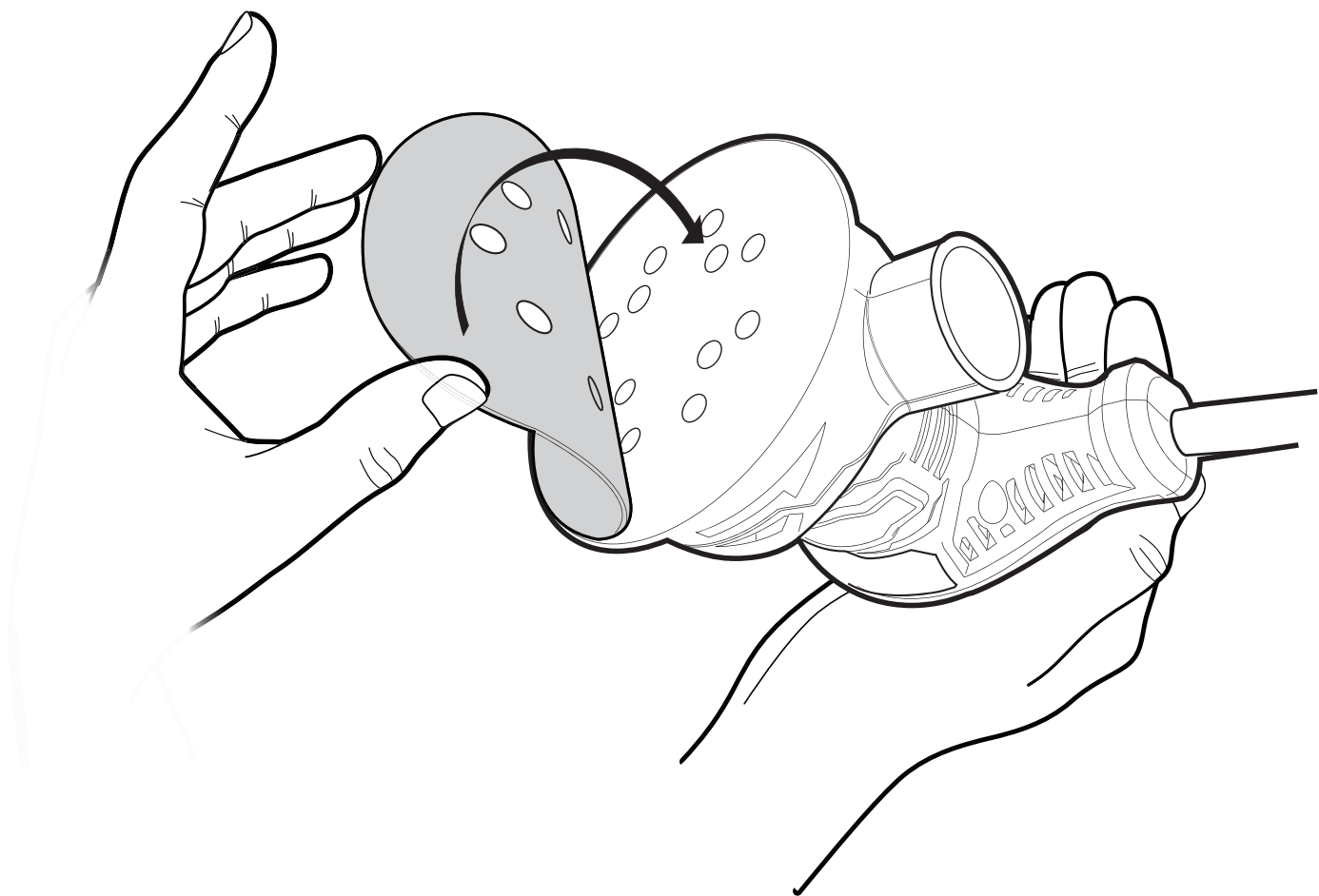
- 1. On/Off Button
- 2. Speed Dial
- 3. Power Cable
- 4. Dust Outlet

- 5. Dust Collection Bag
- 6. Hook and Loop Base
- 7. Sanding Sheets (ø125mm)
- 8. Dust Extraction Nozzle

Assembly

1

NOTE! It is highly recommended you use sanding sheets with a hole pattern for sufficient dust extraction.

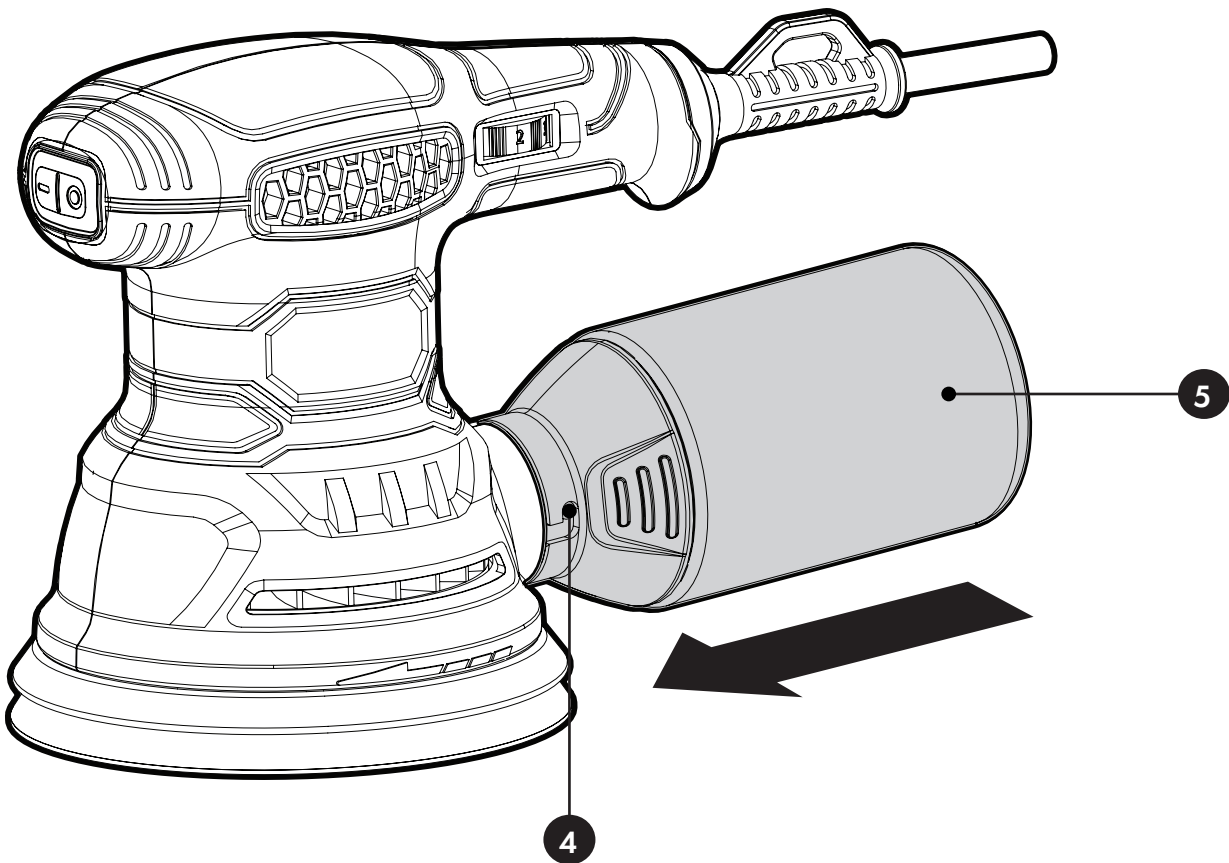


Grain Size	Grade	Application
<80	Coarse	Removal of paint and varnish, preparation of rough surfaces
80-120	Medium	Face sanding and smoothing small irregularities
>180	Fine	Finishing, cleaning plaster and removing water stains from wood

Assembly

2

Firmly push the Collection Box onto the Dust Outlet on the rear of the orbital sander. Rotate to lock it in position.

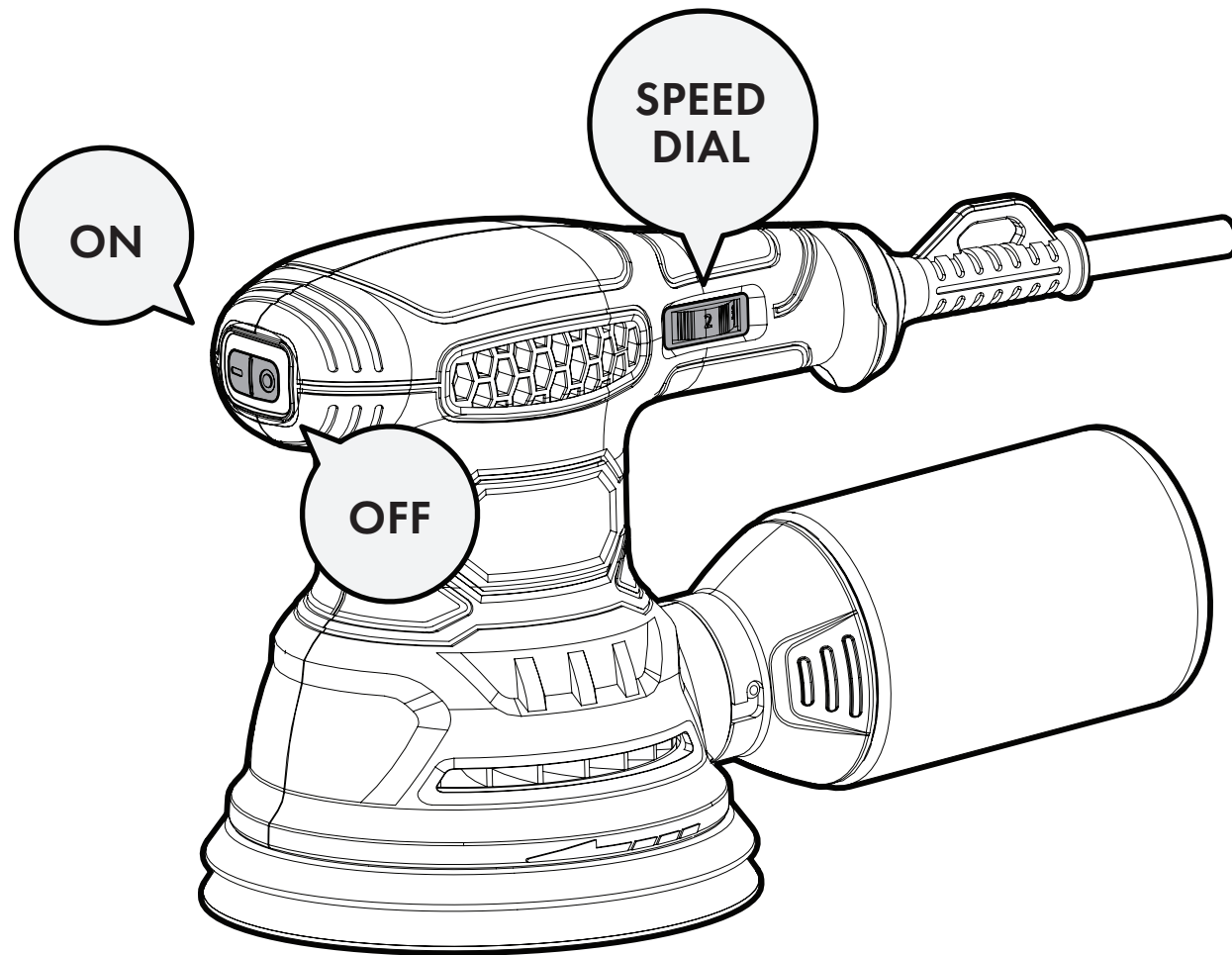


Operation



IMPORTANT!

The sander must be switched OFF before switching speed.



Usage

If the material you are sanding is not secured, ensure it is clamped firmly to a workbench.

Eye and respiratory protection are highly recommended while using the orbital sander. This sander is only suitable for dry sanding.

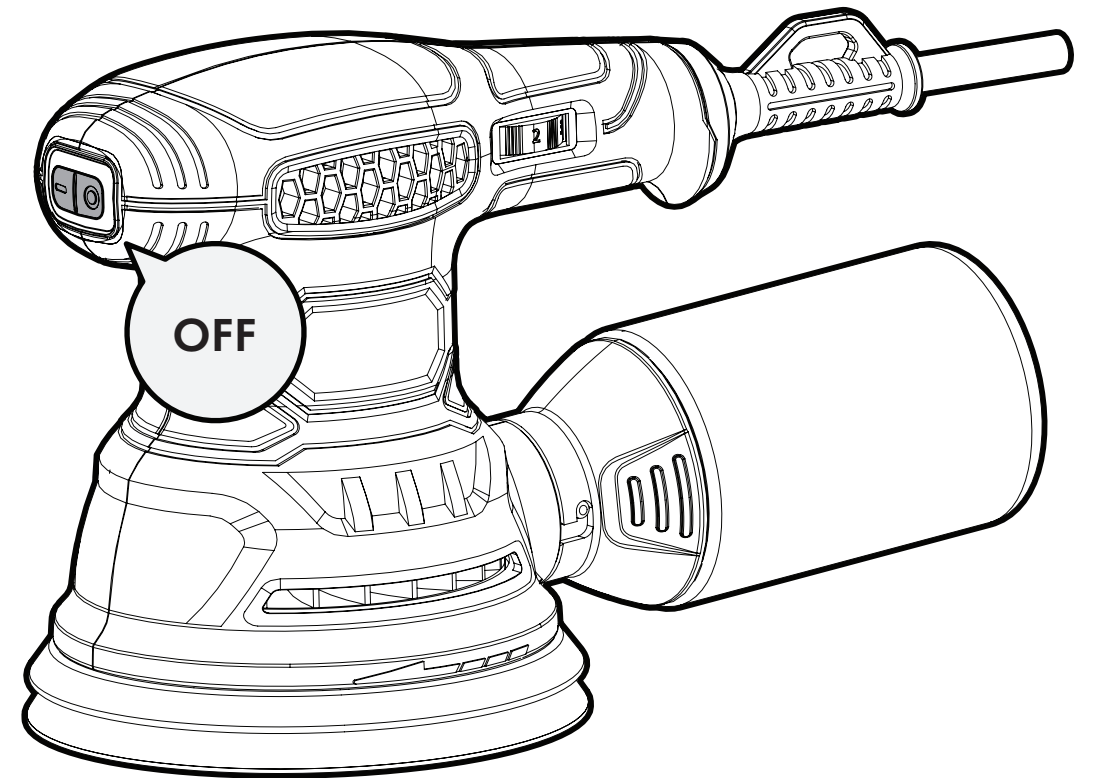
Do not sand plaster surfaces as this can cause the motor or brushes to clog. This will also void your warranty.

Never force the sander. Adding additional pressure will overload the motor, rapidly wear the sanding sheet and greatly reduce the sanding speed.

The sander can also be attached to a vacuum cleaner hose. Simply remove the collection box and connect to the vacuum.

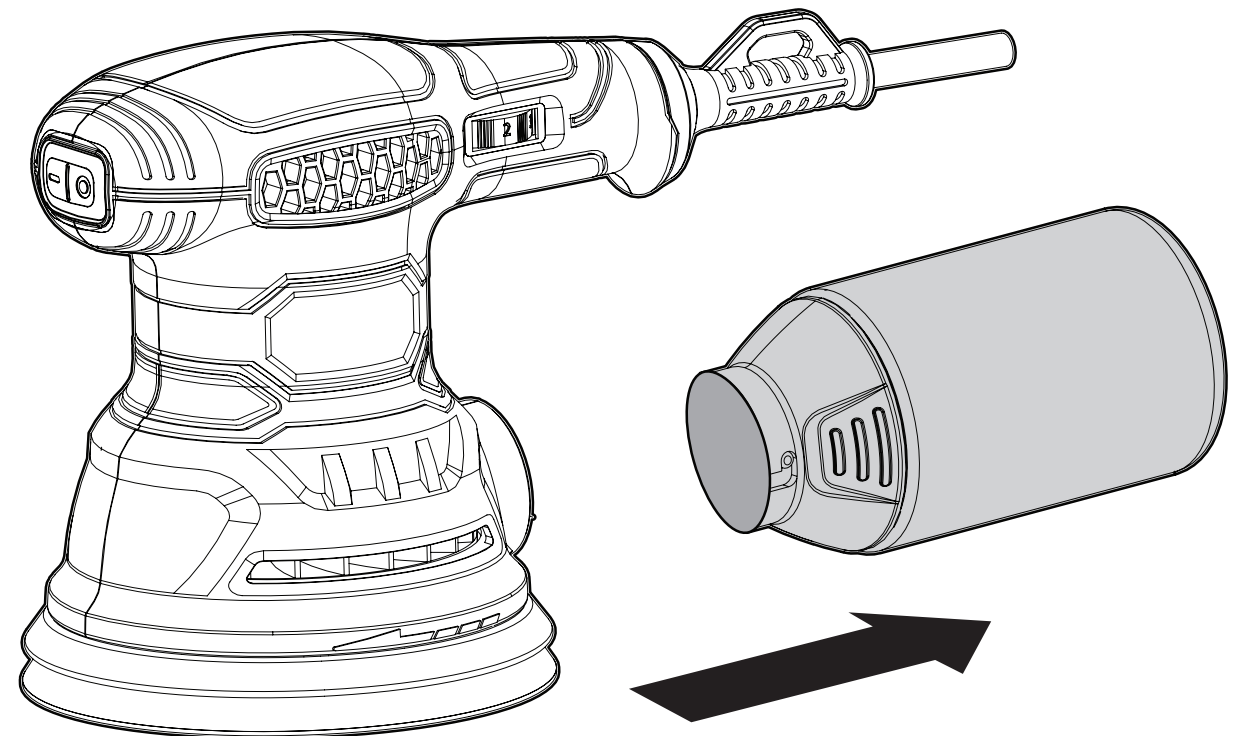
Maintenance

1



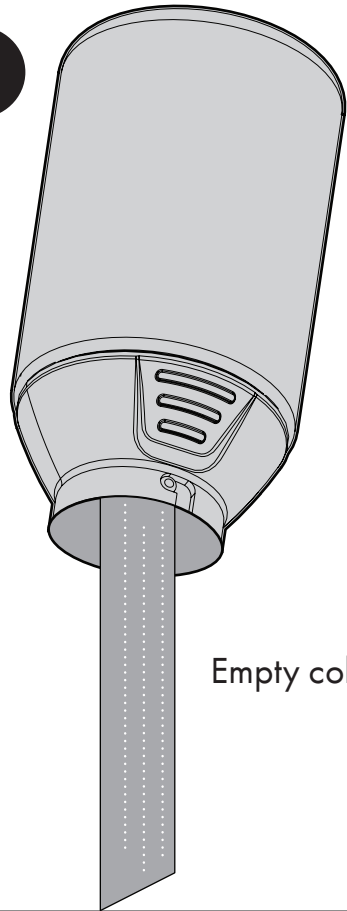
2

Disconnect from the mains and remove the Collection Box.



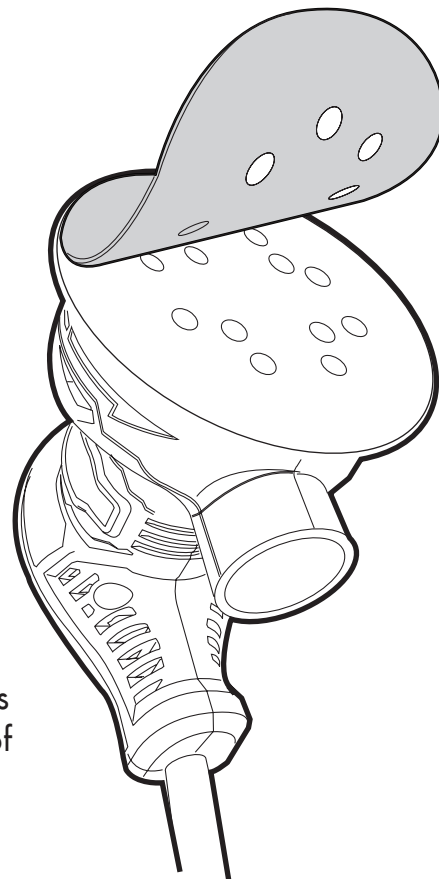
Maintenance

3



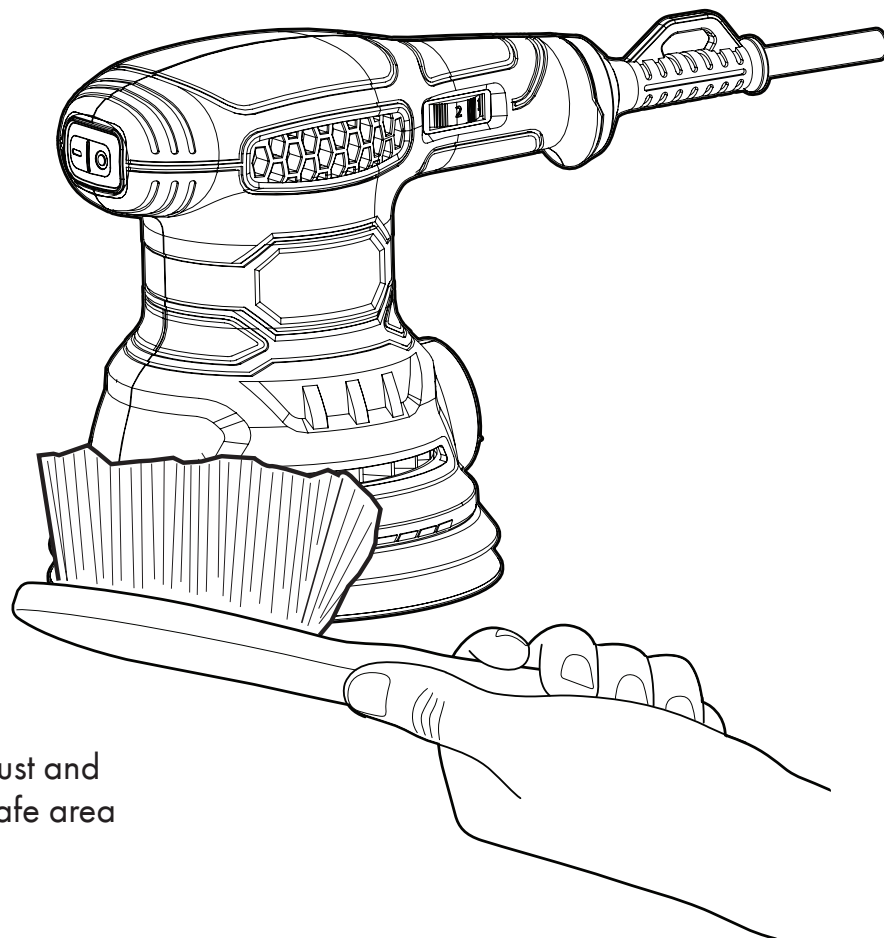
Empty collected dust.

4



Remove worn sanding sheets and dispose of them.

5



Brush off any excess dust and store the Sander in a safe area away from children.

Usage & Safety



Protect your hands



Protect your ears



Protect your eyes



Protective clothing must be worn



Wear suitable footwear



Keep all electrical components dry at all times



Wear a dust mask

Usage & Safety

Intended Use

Only operate the power tool/machine for its intended purpose and within the parameters specified in this manual.

This power tool/machine is for domestic use only. Do not use outdoors or on wet surfaces.

This power tool/machine is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless supervised or given appropriate instruction concerning the product's use by a person responsible for their safety.

Important Safety Notice

This product is not suitable for use by children or by individuals with physical, sensory or mental impairments that may limit their ability to operate the equipment safely, unless they have been given supervision or instruction concerning the safe use of the product by a person responsible for their safety.

Improper use may result in serious injury. Always ensure the operator is capable of understanding and following all safety instructions provided in this manual.

General Precaution

Do not allow to be used as a toy. Children should be supervised to ensure they do not play with the power tool/machine.

If the power tool/machine is not functioning properly, has been dropped, damaged, left outdoors, or immersed in liquid, do not use, contact DOMU Brands Customer Services.

Do not use the power tool/machine if any parts appear to be faulty, missing or damaged.

Ensure all parts are securely attached before use.

Risk of Personal Injury

Avoid body contact with earthed or grounded surfaces such as pipes, radiators, cookers and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

Prevent unintentional starting. Ensure the switch is in the off position before connecting to the power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch, or energising power tools that are switched on, invites accidents.

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.

Always wear eye protection. Any power tool can throw foreign objects into your eyes and cause permanent eye damage. Always wear safety goggles (not glasses) that comply with appropriate safety standards. Everyday glasses have only impact resistant lenses.

Do not expose power tools to rain or wet conditions. Water entering the power tools will increase the risk of electric shock.

Stay alert, watch what you are doing and use common sense when operating a power tool/

Usage & Safety

machine. Do not use a power tool/machine whilst you are tired or under the influence of drugs, alcohol or medication. A moment of inattention whilst operating power tool/machine may result in serious personal injury.

Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-slip safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.

Carrying power tool/machine with your finger on the switch or energising power tool/machine that have the switch on invites accidents.

Remove any adjusting key or spanner before turning the power tool/machine on. A spanner or a key left attached to a rotating part of the power tool/machine may result in personal injury.

Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool/machine in unexpected situations.

Dress appropriately. 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.

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.

Work Area Safety

Keep work area clean and well lit. Cluttered or dark areas invite accidents.

Do not operate power tool/machine in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.

Power tool/machine create sparks which may ignite the dust or fumes.

Keep children and bystanders away whilst operating a power tool/machine. Distractions can cause you to lose control.

General Power Tool Use and Care

Do not force the power tool/machine. Use the correct power tool/machine for your application. The correct power tool/machine will do the job better and safer at the rate for which it was designed.

Do not use the power tool/machine if the switch does not turn it on and off. Any power tool/machine that cannot be controlled with the switch is dangerous and must be repaired.

Disconnect the plug from the power source and/or the battery pack from the power tool/machine before making any adjustments, changing accessories, or storing power tool/machine tools. Such preventive safety measures reduce the risk of starting the power tool/machine accidentally.

Usage & Safety

Store idle power tool/machine out of the reach of children and do not allow persons unfamiliar with the power tool/machine or these instructions to operate the power tool/machine.

Power tool/machines are dangerous in the hands of untrained users.

Maintain power tool/machines. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool/machines operation. If damaged, have the power tool/machines repaired before use. Many accidents are caused by poorly maintained power tool/machines.

Keep cutting tools sharp and clean.

Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

Use the power tool/machine accessories and tool bits in accordance with these instructions, take into account the working conditions and the work to be performed.

Use of the power tool/machine for operations different from those intended could result in a hazardous situation.

Cleaning and Maintenance

Never soak or immerse electrical components and or a component that has a plug attached.

Disconnect the plug from the power source before making any adjustments, changing accessories, or storing. Such preventive safety

measures reduce the risk of starting the power tool accidentally.

Ensure the motor has fully stopped before cleaning, clearing a blockage, checking, or carrying out any maintenance on the tool.

Maintain your power tool. 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 by a qualified repair person before use. Many accidents are caused by poorly maintained power tools.

Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

Regularly check external nuts and fixings to ensure vibration caused by normal use has not begun to loosen them.

Store idle power tools out of reach of children.

Technical Data

Rated Wattage: 300W
Rated Voltage: 230-240V~, 50Hz
No Load Speed: 6000-12000min
Sanding Surface Diameter: 125-millimeters

Troubleshooting

Problems With Swirls or Pigtails

Whilst random orbital sanders reduce large circular marks left by rotary sanders, they can still leave tiny swirls called pigtails or spirals behind. It's difficult to hide these marks, especially when you apply stain or finish. There are several possible reasons for swirls to occur and specific solutions to each problem.

1. Flimsy Sandpaper

If pieces of abrasive grit come off the sandpaper during use and get stuck elsewhere, they can dig deep and make spiral patterns. This issue highlights the importance of buying quality sanding discs. You'll want to replace your discs with stronger sanding discs if you're experiencing this problem. Fintech Abrasives offers industrial-grade sanding discs that outlast and outperform many of our competitors' discs.

2. Dust Problems

When dust builds up, it can compact, creating a lump that digs into the surface during sanding and creates swirls. Keeping your sander clean is the solution. You can either use a sander with an integrated dust collector or attach a workshop vacuum.

3. Moving Too Quickly

Spirals can also be caused by moving the sander back and forth too quickly over the same area too many times. Take about 15 to 20 seconds and then move on to the next area. Discs orbit in circles, so they're going to leave circular scratches. Leaving thousands of them close together is the key to blending them tightly. By moving the sander side to side too

quickly, you stretch those spirals out, making them more obvious.

Dust Clogging

Dust can accumulate quickly when you sand with coarse grit. If your random orbital sander doesn't have an effective dust collector built in, the sandpaper can get clogged up and impede the performance of the machine. Not only will you have to sand a lot longer to get the same results, but clogged sandpaper builds up heat and goes dull more quickly.

Dust clogs can be quickly removed with a workshop vacuum, but if the clogging is especially dense, use a rubber stick to clear it away.

Loose or Slipping Discs

An orbital sander uses a Velcro system for changing sanding discs easily. Even though this system is convenient, it has its drawbacks, including disc slippage. If the discs come loose, they can affect sander performance and even pose a safety hazard if they fly off.

If your discs are coming loose regularly, check for dust buildup and clean the Velcro pad if needed. If that doesn't solve the problem, make sure you're using the correct abrasive brand for your sander or change the Velcro pad if it has worn out.

Paper Loading

Paper loading occurs when sawdust accumulates on the grit on a piece of sandpaper. Random orbital sanders often experience this problem since they have comparatively smaller sanding discs. Periodically check the

Troubleshooting

sandpaper as you work, and replace it if the paper appears to be dusty.

Uneven Sanding and Burn Marks

Another common problem with random orbital sanders is uneven sanding, which can be caused by tilting the machine or pressing down on a high spot. Pressing down on the sander reduces its efficiency and slows the motor's speed.

The solution is to draw a wave-like line across the surface. As you sand, keep your sanding disc flat and make sure to remove the pencil marking evenly. Be careful not to over-pressurise the sander. Let the weight of your hand and the tool do the work.

Grit Issues

It's important to choose the right grit for your sanding discs, because if (for example) you skip from 100 to 220, you'll sand the scratches from the 100 forever, and you'll probably leave some spirals behind. Make sure that you start with the right grit and move up in the right increments.

Legal

Disposal Information

Please recycle where facilities exist. Check with your local authority for recycling advice.

Customer Service

If you are having difficulty using this product and require support, please contact support@vonhaus.com

Warranty

To register your product and find out if you qualify for a free extended warranty please go to www.vonhaus.com/warranty

Please retain a proof of purchase receipt or statement as proof of the purchase date.

The warranty only applies if the product is used solely in the manner indicated in the warnings page of this manual, and all other instructions have been followed accurately.

Any abuse of the product or the manner in which it is used will invalidate the warranty.

Returns

Returned goods will not be accepted unless re-packaged in its original packaging and accompanied by a relevant and completed returns form. This does not affect your statutory rights.

No rights are given under this warranty to a person acquiring the appliance second-hand or for commercial or communal use.

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