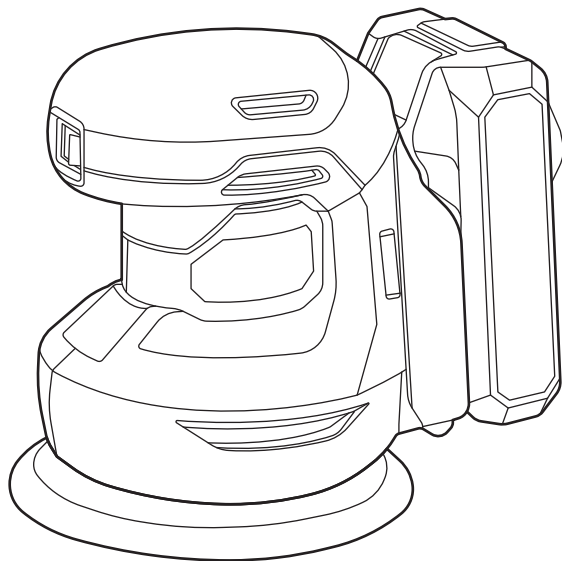




WOODSTARTER



Cordless Random Orbital Sander

CRS12k

USER MANUAL V 1.0

*Upon receipt of the product, read and follow all safety rules, operating instructions before first use it. And retain this manual for future reference.

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Technical Data

Model	CRS12K
Nominal Voltage	20 V
Rotation Speed	6.000-12.000 min ⁻¹
Oscillation Speed	12.000-24.000 min ⁻¹
Oscillation Width	1.5 mm
Sanding Surface	Ø125 mm
Soft Grip	Yes

THE PACKAGING CONTAINS

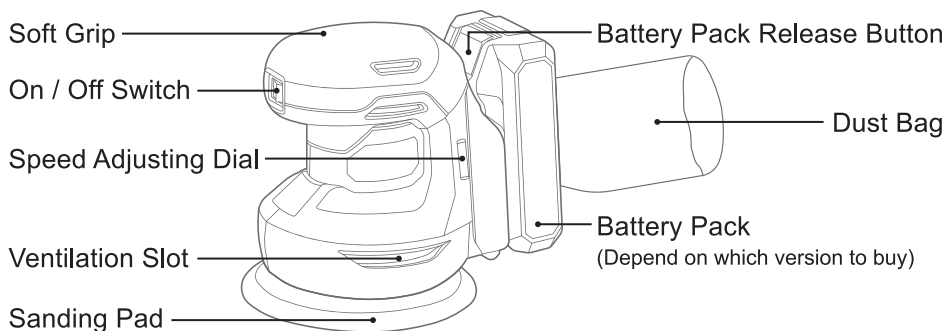
1 x 20V li-ion rotary sander

1 x dust collection bag

20 x sandpaper: 4 x G60 / 80 / 120 / 180

1 x manual

Description



General Power Tool Safety Warnings



WARNING!

Read all safety warnings and all instructions, illustrations and specifications provided with this power tool.

Failure to follow all instructions listed below 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.

WORK AREA SAFETY

- a) Keep work area clean and well lit. Cluttered and 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.

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.

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. Personal protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used whenever conditions require will reduce personal injuries.
- c) 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 tools with your finger on the switch or energising 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 and clothing 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.
- h) Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

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 remove the battery pack, if detachable, 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 and accessories. 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.
- h) Keep handles and grips dry, clean and free of oil and grease. Slippery handles and gripping surfaces do not allow safe operation and control of the power tool in unforeseen situations.

BATTERY TOOL USE AND CARE

- a) Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- b) Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

- c) When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- d) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- e) Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- f) Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion.
- g) Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

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.
- b) Never service damaged battery packs. Service of battery packs should only be performed by the manufacturer or authorized service providers.

Operating Instructions

Before attempting to use the appliance be sure to familiarize yourself with all its operating features and safety requirements.



WARNING!

The rotary sander should always be switched off and the battery disconnected when assembling parts, making adjustments, cleaning or when the tool is not in use. Disconnecting the battery will prevent accidental starting that could cause serious injury.

Do not sand plaster surfaces! As this may clog the motor (brushes, ball bearings, ...) In this case your warranty becomes void!

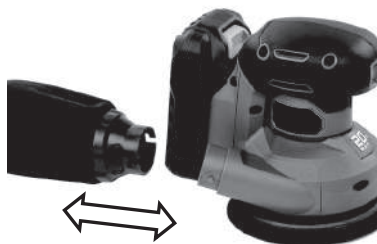
ATTACHING THE SANDPAPER

1. Select sanding paper with the appropriate grit size for the task.
2. Position the sandpaper so that its perforated holes are aligned with those on the sanding pad.
3. Press the sandpaper onto the sanding pad and check it is secure.
4. To remove the sanding paper carefully peel the sanding paper away from the sanding pad.



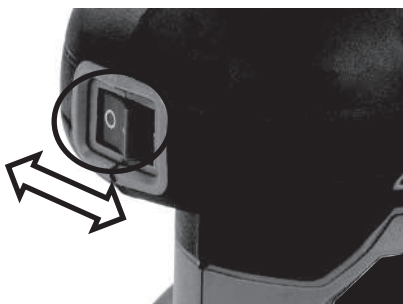
ATTACHING THE DUST BAG

Slide the dust bag onto dust extraction port, make sure the dust bag is tightly fastened.



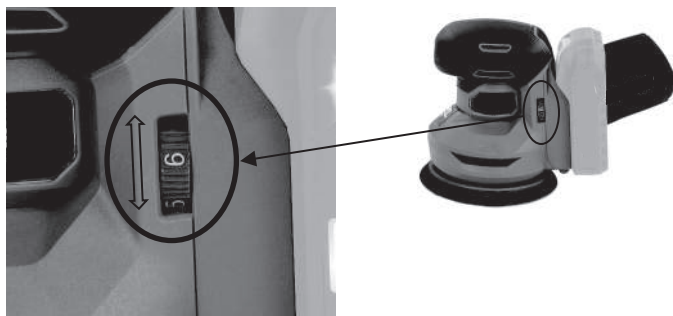
SWITCHING ON AND OFF

- Connect the battery pack to the power tool.
- The tool is switched "On" by the ON/OFF switch (1) located on the front of the tool housing.
 - To switch on: push the ON/OFF switch button (1) to the "I" position.
 - To switch off: push the ON/OFF switch button (1) to the "O" position



VARIABLE SPEED SETTING / SPEED ADJUSTING DIAL

- The rotary sander is equipped with a speed adjusting dial.
- The rotation speed can be set by rotating the speed adjustment dial from "1" (lowest speed) to "6" (highest speed), or back, as required.



SANDING

- Apply the sanding paper to the sanding pad of the appliance.
- Fit the dust bag to the rotary sander.
- Hold the sander in front and away from you, keeping it clear of the work piece.
- Turn on the sander using the ON/OFF switch button.
- Let the motor build up to speed, adjust the rotation speed as required, then gradually lower the sander on to the workpiece.
- Move the sander slowly over the workpiece using forward and backward or side to side strokes.

NOTE

When holding the rotary sander, avoid blocking the vent holes, as this may cause the sander to overheat.

- Upon completion of the sanding operation remove the sander from the work piece before turning it off.
- Allow the tool to come to a complete stop before putting it down.
- To prevent accidents, turn off the tool and take off the battery after use.
- Clean and then store the tool indoors out of children's reach.

Cleaning and Maintenance



WARNING!

Before performing any work on the appliance, remove the battery.

CLEANING

- Keep the ventilation slots of the machine free from dust and dirt to prevent overheating of the engine.
- Regularly clean the machine housing with a soft cloth, preferably after each use.
- If the dirt does not come off use a soft cloth moistened with soapy water.

NOTE

Never use solvents such as petrol, alcohol, ammonia water, etc. These solvents may damage the plastic parts.

STORAGE

Remove the battery form the device

- Clean the device as described in the Cleaning & maintenance chapter.
- Store your machine out of the reach of children in an upright position in a dry, frost-proof and well-ventilated area.
- Protect it from exposure to direct sunlight. Keep it in the dark, if possible.
- Don't keep it in plastic bags to avoid humidity build-up.

Make special attention towards the battery:

- Do not store Li-ion battery which are completely discharged. Storing a discharged battery can lead to a deep discharge and thus damage the battery.
- Check the charge status of the battery regularly when the battery is stored for a longer time.
- The optimal charge level is between 50% and 80% of its capacity.

Warranty Information

WOODSTARTER offers a one-year warranty along with lifetime technical support to ensure your satisfaction. Scan the QR code below and register to claim your warranty and unlock exclusive woodworking tips. For any inquiries or feedback, feel free to contact our team at support@woodstarter.com or visit our support page at www.woodstarter.com for assistance.





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