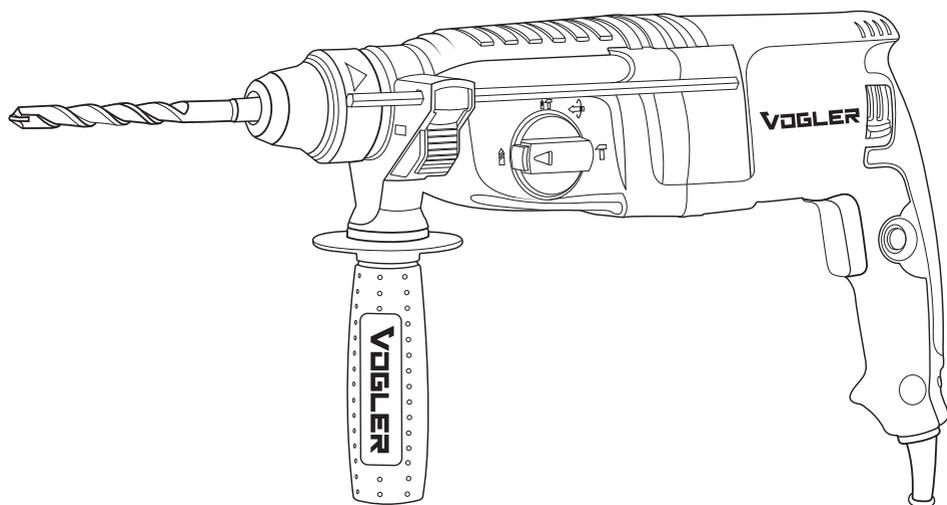


VOGLER[®]

TOOLS, WORK, INTEGRITY

V21000

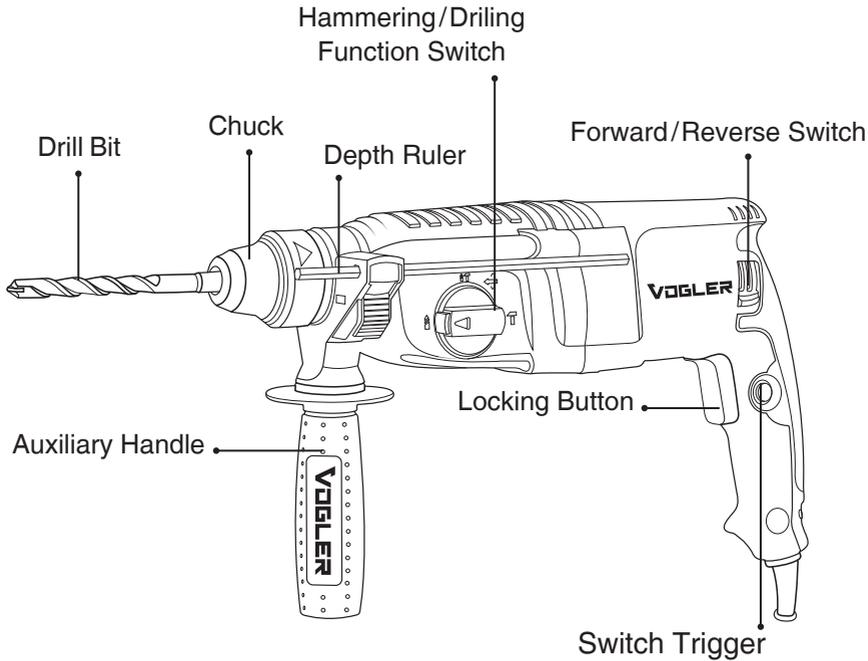


ROTARY HAMMER 850W

TECHNICAL SPECIFICATIONS

Model	V21000
Chuck Type	SDS Plus
Chuck Size	13mm
Power	850W
Impact Energy	3.5J
Frequency	50-60Hz
Voltage	220-240V
Max Capacity in Wood	30mm
Max Capacity in Steel	13mm
Max Capacity in Concrete	26mm
No-load RPM	0-1200 RPM
Max Impact Rate	0-5500 BPM
Weight	3Kg
Packaging	BMC and Color box
Accessories	Drill Bits: 7×150, 8×150, 10×150, 12×200 mm Carbon Brush: 1 set

PARTS LIST



READ THE INSTRUCTION MANUAL BEFORE USE!

GENERAL POWER TOOL SAFETY WARNINGS

- Failure to follow them may result in electric shock, fire, or serious injury.
- Save all warnings and instructions for future reference.
- The term “power tool” in this manual refers to your mains-operated (corded) power tool.

WORKPLACE SAFETY

- Keep the work area clean and well lit. Cluttered or dark areas can lead to 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.

- Keep children and bystanders at a safe distance while operating a power tool.
- Distractions can cause you to lose control.

ELECTRICAL SAFETY

- 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 reduce risk of electric shock. In the case of double-insulated tools, a three-wire grounded power cord and power supply system are not required.
- 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 grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool increases the risk of electric shock.
- Do not abuse the cord. Never use the cord to carry, pull, or unplug the power tool. Keep the cord away from heat, oil, sharp edges, and moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outside, use an outdoor extension cord marked “W-A” or “W”.

These cords are rated for outdoor use and reduce the risk of electric shock.

PERSONAL SAFETY

- Stay alert and focused when using power tools. Do not operate them while tired or under the influence of drugs, alcohol, or medication. A moment of distraction can result in serious personal injury.
- Dress appropriately. Do not wear loose clothing or accessories. Keep long hair and clothing away from moving parts, as they can become entangled.

- Prevent accidental starting. Ensure the switch is in the OFF position before connecting the tool to a power source or battery pack, picking it up, or carrying it. Carrying a tool with your finger on the switch or powering it with the switch on can be dangerous.
- Remove all adjustment keys or wrenches before turning the tool on. Tools left on rotating parts can cause injury.
- Do not overreach. Maintain proper footing and balance at all times. This ensures better control of the tool in unexpected situations.
- Using personal protective equipment is a MUST. Always wear safety glasses. Using dust masks, anti-slip safety shoes, safety helmets, hearing protection, and other PPEs based on necessity in different conditions can reduce the risk of personal injury. Regular eyeglasses or sunglasses do not offer adequate protection.

POWER TOOL USE AND MAINTENANCE

- Use clamps or other practical ways to secure and support the workpiece to a stable platform. Holding the workpiece by hand or against your body doesn't give you enough control over it.
- Choose power tools according to the purpose. This will enhance your efficiency and safety.
- If the switch doesn't turn the device on or off, the power tool should not be used. Power tools that cannot be controlled by switches are dangerous and must be repaired. Always unplug the tool or remove the battery pack (if applicable) before making adjustments, changing accessories, or storing the tool. This precaution reduces the risk of accidental startup.
- Store power tools out of the reach of children. Do not allow individuals unfamiliar with the tool or these instructions to operate it. Power tools can be dangerous in the hands of untrained users.
- Maintain tools and accessories regularly. Keep cutting tools sharp and clean. Properly maintained tools with sharp edges are safer and

easier to control.

- Check for misalignment, binding of moving parts, damage, or any condition that could affect safe operation. Repair any defects before use. Many accidents result from poorly maintained tools.
- Use power tools, accessories, and attachments only as intended and as described in this manual, taking into account the working conditions and the task to be performed. Misuse can lead to hazardous situations.

SERVICE AND REPAIRS

- Have your power tool serviced by qualified maintenance personnel. Service or maintenance performed by unqualified personnel could result in a risk of injury.
- Always ensure that any faulty parts are replaced with identical, original spare parts. This helps maintain the tool's safety and performance.
- Repairs should only be performed by the manufacturer or an authorized service provider.

SPECIFIC SAFETY RULES

- Do not let comfort or routine use make you ignore the safety rules. If you use the rotary hammer carelessly or incorrectly, you could get seriously injured.

Always hold the tool by the insulated grips when working near wires. If the tool touches a “live” wire, exposed parts can become “live” too and give the operator a shock.

- Make sure you stand firmly. Don't use the tool above people, no one should be underneath you.
- Hold the tool tightly with both hands.
- Keep your hands away from moving and rotating parts.
- Don't leave the tool running when not in use. Only use it while holding it in your hands.
- Don't touch the drill bit or the work surface right after use. They can be extremely hot and burn your skin.
- Wear ear protection if using the tool for a long time. Loud noise for

extended periods can damage your hearing.

- Always wear a hard hat, safety glasses, or a face shield. Regular glasses or sunglasses are not enough. A dust mask and thick gloves are also strongly recommended.
- Make sure the bit is properly attached and secured before operation.
- The tool vibrates during normal use. Vibration can loosen screws, so check all screws before using it.
- In cold weather or if the tool hasn't been used for a while, run it under no-load conditions for a short time to warm it up. This helps the lubrication work better. If you skip this step, hammering might not work well.
- Don't point the tool at anyone. The bit might come loose and seriously injure someone.
- Some materials contain harmful chemicals. Avoid breathing in dust or letting it touch your skin.

Always follow the safety advice from the material supplier.

- The tool has a safety clutch. Make sure to switch it off when connecting the clutch.

SYMBOLS

The following table shows the symbols used for the tool.

V	Voltage
n	No-load speed
A	Ampere
-- /min	Revolutions or reciprocations per minute
H	Hertz

INSTALLATION

INSTALLING OR REMOVING THE DRILL BIT

⚠ CAUTION:

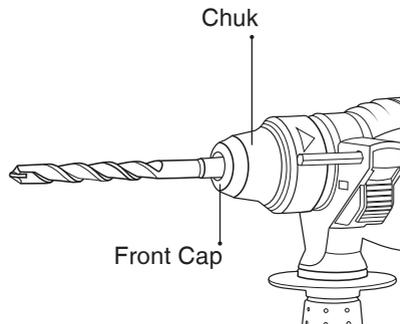
Always unplug the machine before installing or removing the drill bit.

TO INSTALL:

Apply a small amount of grease to the connecting end of the drill bit. Press down the chuck, insert the end of the bit into the chuck hole, and then release the chuck. Make sure the bit moves slightly back and forth (axially) but is securely locked in place and cannot be pulled out.

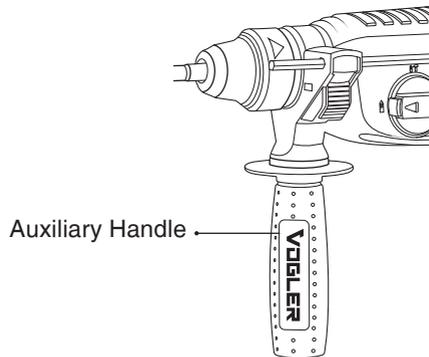
TO REMOVE:

Press down the chuck and pull the drill bit out.



INSTALLING OR REMOVING THE AUXILIARY HANDLE

The auxiliary handle comes pre-installed on the tool inside the box. To adjust its angle, turn the auxiliary handle counterclockwise to loosen it. Rotate it to the desired angle, then tighten it by turning it clockwise.



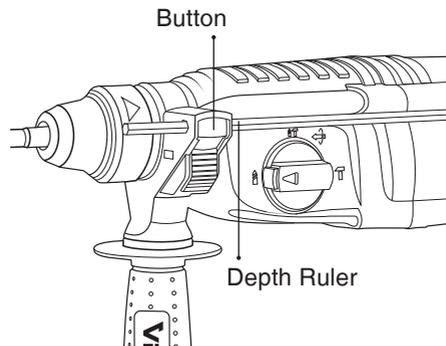
ADJUSTING THE DEPTH RULER

There is a hole for the depth ruler on the side grip base.

TO ADJUST:

Press and hold the button, insert the depth ruler, and slide it to the desired depth.

Release the button to lock it in place.



TRIGGER SWITCH

To turn the machine on, press the trigger.

To turn it off, release the trigger.

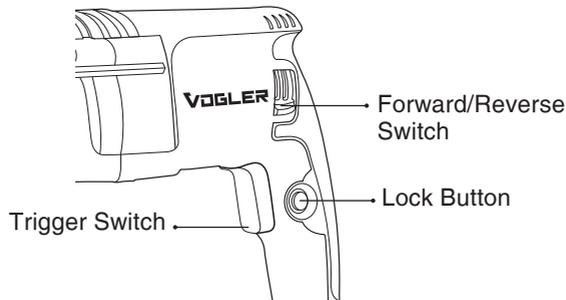
FORWARD/REVERSE SWITCH

After the machine is off, move the Forward/Reverse switch to choose

the desired drilling direction.

LOCK BUTTON

- 1- Pull and hold the trigger to start the tool.
- 2- Press the lock button while holding the trigger. The tool will continue running even after you release the trigger.
- 3- To stop it, pull the trigger again to disengage the lock, then release the trigger to stop the tool.



HAMMERING AND DRILLING FUNCTION

To select drilling only, press the small knob and turn the big knob until the symbol changes from

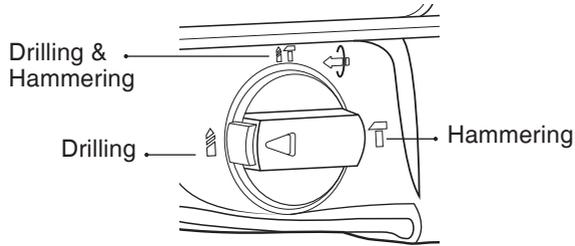
“△” to “↑”. Then release the small knob.

To select drilling and hammering, press the small knob and turn the big knob until the symbol

changes from “△” to “↑” . Then release the small knob.

To select hammering only, press the small knob and turn the big knob until the symbol changes

from “△” to “↑” . Then release the small knob.



MAINTENANCE & DAILY CARE

⚠ CAUTION:

Always make sure the tool is switched off and unplugged before doing any inspection or maintenance.

- Keep the tool and its air vents clean. Clean the vents regularly or whenever they get blocked.
- Check all screws regularly to make sure they are not loose.
- Inspect the power cord to see if the insulation is damaged.

⚠ CAUTION:

Be sure to reinstall the knob after inserting a new carbon brush.

After replacing the brushes, plug in the tool and let it run with no load for about ten minutes to break in the brushes.

Then test the tool while it's running and after releasing the switch trigger.

If the tool does not work properly, contact your local VOGLER service center for repair.

To maintain product safety and reliability, all repairs, maintenance, or adjustments should be done by VOGLER authorized or factory service centers, always using VOGLER replacement parts.

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