



USER MANUAL

CORDLESS ROTARY TOOL 12V

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MODEL: FBT-CRT004A

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3
YEAR WARRANTY

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1 GENERAL



This user manual (hereafter referred to as the "manual") is part of this product, and contains important information on setup and use.

Read this manual carefully, especially the chapter **SAFETY**, before using the product. Failure to do so may result in personal injury and/or damage to the product.

Keep this manual for future use and reference. Make sure to include this manual when passing the product on to third parties. This manual is available in PDF format at www.ferrex12vpower.com.

2 SAFETY

2.1 SIGNAL WORDS EXPLANATION

The following signal words are used in this manual, on the product and/or the packaging.

DANGER!

» This signal word indicates a hazardous situation which, if not avoided, will result in death or serious injury.

WARNING!

» This signal word indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION!

» This signal word indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

CAUTION!

» This signal word indicates a hazardous situation which, if not avoided, could result in property damage.

NOTICE

» This signal word is a preferred signal word to address tips and practices not related to personal injury.

2.2 SYMBOL EXPLANATION

The following symbols are used in this manual, on the product or on the packaging.



Warning! To reduce the risk of injury, the user must read the instruction manual.



Always wear hearing protection. The effects of noise can cause hearing loss.



Wear safety glasses. When working with electric power tools, sparks, splinters, chips and dust particles may be generated and these can cause loss of sight.



Wear safety gloves!



Variable speed control.



Do not expose the battery to temperatures above 40 °C.



Do not dispose of the battery in a fire. Risk of explosion!



Avoid water contact with the battery. Do not throw the battery into water. Risk of explosion!



Do not dispose of electric power tools with domestic refuse.



Declaration of conformity (see chapter "Declaration of conformity"): Products marked with this symbol meet all the applicable Community regulations of the European Economic Area.



UKCA stands for: "UK Conformity Assessment". This means "Compliant with UK regulations". With the UKCA mark manufacturer confirms that this unit complies with the applicable UK regulations.

2.3 GENERAL POWER TOOL SAFETY WARNINGS

WARNING!

» Improper handling of the product may result in injury.

WARNING!

- » **Read all safety warnings, 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.

1.1.1 WORK AREA SAFETY

- Keep work area clean and well lit.** Cluttered or dark areas invite 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 away while operating a power tool.** Distractions can cause you to lose control.

1.1.2 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 will reduce risk of electric shock.
- 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.
- Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- 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.
- 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.
- 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.

1.1.3 PERSONAL SAFETY

- 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.
- Use personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid 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 tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
- 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.
- Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.** Loose clothes, jewelry 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.
- 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.

1.1.4 POWER TOOL USE AND CARE

- 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.
- 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.
- 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.
- 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.
- 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.
- 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, 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.

- c) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

1.1.5 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 behavior 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.

1.1.6 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.

2.4 SAFETY INSTRUCTIONS FOR ALL OPERATIONS

⚠ CAUTION!

» The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

2.4.1 SAFETY WARNINGS COMMON FOR GRINDING, SANDING, WIRE BRUSHING, POLISHING, CARVING OR ABRASIVE CUTTING-OFF OPERATIONS:

- c) **This power tool is intended to function as a grinder, sander, wire brush, polisher, carving or cut-off tool. Read all safety warnings, 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.
- d) **Do not use accessories which are not specifically designed and recommended by the tool manufacturer.** Just because the accessory can be attached to your power tool, it does not assure safe operation.
- e) **The rated speed of the grinding accessories must be at least equal to the maximum speed marked on the power tool.** Grinding accessories running faster than their rated speed can break and fly apart.
- f) **The outside diameter and the thickness of your accessory must be within the capacity rating of your power tool.** Incorrectly sized accessories cannot be adequately controlled.
- g) **The arbour size of wheels, sanding drums or any other accessory must properly fit the spindle or collet of the power tool.** Accessories that do not match the mounting hardware of the power tool will run out of balance, vibrate excessively and may cause loss of control.
 - a) **Mandrel mounted wheels, sanding drums, cutters or other accessories must be fully inserted into the collet or chuck.** If the mandrel is insufficiently held and/or the overhang of the wheel is too long, the mounted wheel may become loose and be ejected at high velocity.
 - b) **Do not use a damaged accessory. Before each use inspect the accessory such as abrasive wheels for chips and cracks, sanding drum for cracks, tear or excess wear, wire brush for loose or cracked wires. If power tool or accessory is dropped, inspect for damage or install an undamaged accessory. After inspecting and installing an accessory, position yourself and bystanders away from the plane of the rotating accessory and run the power tool at maximum no-load speed for one minute.** Damaged accessories will normally break apart during this test time.
 - h) **Wear personal protective equipment. Depending on application, use face shield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and workshop apron capable of stopping small abrasive or workpiece fragments.** The eye protection must be capable of stopping flying debris generated by various operations. The dust mask or respirator must be capable of filtrating particles generated by your operation. Prolonged exposure to high intensity noise may cause hearing loss.
 - i) **Keep bystanders a safe distance away from work area. Anyone entering the work area must wear personal protective equipment.** Fragments of workpiece or of a broken accessory may fly away and cause injury beyond immediate area of operation.
 - j) **Hold power tool by insulated gripping surfaces only, when performing an operation where the cutting accessory may contact hidden wiring.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
 - k) **Always hold the tool firmly in your hand(s) during the start-up.** The reaction torque of the motor, as it accelerates to full speed, can cause the tool to twist.

- c) **Use clamps to support workpiece whenever practical. Never hold a small workpiece in one hand and the tool in the other hand while in use.** Clamping a small workpiece allows you to use your hand(s) to control the tool. Round material such as dowel rods, pipes or tubing have a tendency to roll while being cut, and may cause the bit to bind or jump toward you.
- l) **Position the cord clear of the spinning accessory.** If you lose control, the cord may be cut or snagged and your hand or arm may be pulled into the spinning accessory.
- m) **Never lay the power tool down until the accessory has come to a complete stop.** The spinning accessory may grab the surface and pull the power tool out of your control.
- n) **After changing the bits or making any adjustments, make sure the collet nut, chuck or any other adjustment devices are securely tightened.** Loose adjustment devices can unexpectedly shift, causing loss of control, loose rotating components will be violently thrown.
- o) **Do not run the power tool while carrying it at your side.** Accidental contact with the spinning accessory could snag your clothing, pulling the accessory into your body.
- p) **Regularly clean the power tool's air vents.** The motor's fan will draw the dust inside the housing and excessive accumulation of powdered metal may cause electrical hazards.
- q) **Do not operate the power tool near flammable materials.** Sparks could ignite these materials.
- r) **Do not use accessories that require liquid coolants.** Using water or other liquid coolants may result in electrocution or shock.

2.5 FURTHER SAFETY INSTRUCTIONS FOR ALL OPERATIONS

1.1.7 KICKBACK AND RELATED WARNINGS

Kickback is a sudden reaction to a pinched or snagged rotating wheel, sanding band, brush or any other accessory. Pinching or snagging causes rapid stalling of the rotating accessory which in turn causes the uncontrolled power tool to be forced in the direction opposite of the accessory's rotation.

For example, if an abrasive wheel is snagged or pinched by the workpiece, the edge of the wheel that is entering into the pinch point can dig into the surface of the material causing the wheel to climb out or kick out. The wheel may either jump toward or away from the operator, depending on direction of the wheel's movement at the point of pinching. Abrasive wheels may also break under these conditions.

Kickback is the result of power tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

- a) **Maintain a firm grip on the power tool and position your body and arm to allow you to resist kickback forces.** The operator can control kickback forces, if proper precautions are taken.
- b) **Use special care when working corners, sharp edges etc.** Avoid bouncing and snagging the accessory. Corners, sharp edges or bouncing have a tendency to snag the rotating accessory and cause loss of control or kickback.
- c) **Do not attach a toothed saw blade.** Such blades create frequent kickback and loss of control.
- d) **Always feed the bit into the material in the same direction as the cutting edge is exiting from the material (which is the same direction as the chips are thrown).** Feeding the tool in the wrong direction causes the cutting edge of the bit to climb out of the work and pull the tool in the direction of this feed.
- e) **When using rotary files, cut-off wheels, high-speed cutters or tungsten carbide cutters, always have the work securely clamped.** These wheels will grab if they become slightly canted in the groove, and can kickback. When a cut-off wheel grabs, the wheel itself usually breaks. When a rotary file, high-speed cutter or tungsten carbide cutter grabs, it may jump from the groove and you could lose control of the tool.

2.6 ADDITIONAL SAFETY INSTRUCTIONS FOR GRINDING AND CUTTING-OFF OPERATIONS

1.1.8 SAFETY WARNINGS SPECIFIC FOR GRINDING AND ABRASIVE CUTTING-OFF OPERATIONS:

- a) **Use only wheel types that are recommended for your power tool and only for recommended applications. For example: do not grind with the side of a cut-off wheel.** Abrasive cut-off wheels are intended for peripheral grinding, side forces applied to these wheels may cause them to shatter.
- a) **For threaded abrasive cones and plugs use only undamaged wheel mandrels with an unrelieved shoulder flange that are of correct size and length.** Proper mandrels will reduce the possibility of breakage.
- b) **Do not "jam" a cut-off wheel or apply excessive pressure.** Do not attempt to make an excessive depth of cut. Overstressing the wheel increases the loading and susceptibility to twisting or snagging of the wheel in the cut and the possibility of kickback or wheel breakage.
- c) **Do not position your hand in line with and behind the rotating wheel.** When the wheel, at the point of operation, is moving away from your hand, the possible kickback may propel the spinning wheel and the power tool directly at you.
- d) **When wheel is pinched, snagged or when interrupting a cut for any reason, switch off the power tool and hold the power tool motionless until the wheel comes to a complete stop. Never attempt to remove the cut-off wheel from the cut while the wheel is in motion otherwise kickback may occur.** Investigate and take corrective action to eliminate the cause of wheel pinching or snagging.
- e) **Do not restart the cutting operation in the workpiece. Let the wheel reach full speed and carefully re-enter the cut.** The wheel may bind, walk up or kickback if the power tool is restarted in the workpiece.
- f) **Support panels or any oversized workpiece to minimize the risk of wheel pinching and kickback.** Large workpieces tend to sag under their own weight. Supports must be placed under the workpiece near the line of cut and near the edge of the workpiece on both sides of the wheel.
- g) **Use extra caution when making a "pocket cut" into existing walls or other blind areas.** The protruding wheel may cut gas or water pipes, electrical wiring or objects that can cause kickback.

2.7 ADDITIONAL SAFETY INSTRUCTIONS FOR WIRE BRUSHING OPERATIONS

1.1.9 SAFETY WARNINGS SPECIFIC FOR WIRE BRUSHING OPERATIONS:

- Be aware that wire bristles are thrown by the brush even during ordinary operation. Do not overstress the wires by applying excessive load to the brush.** The wire bristles can easily penetrate light clothing and/or skin.
- Allow brushes to run at operating speed for at least one minute before using them. During this time no one is to stand in front or in line with the brush.** Loose bristles or wires will be discharged during the run-in time.
- Direct the discharge of the spinning wire brush away from you.** Small particles and tiny wire fragments may be discharged at high velocity during the use of these brushes and may become embedded in your skin.

2.8 BEFORE USE

- Remove any packing material and loose parts from unit.
- Check the accessories before use. It should be fit with the machine and your purpose.
- If the machine is new, the battery must first be charged.
- Battery is housed in the handle, press the battery retention clips, and remove battery from handle.
- A substantial drop in operating period per charge indicates that the battery is worn out and must be replaced.

⚠ CAUTION!

- » After long time storage, the battery capacity will be reduce.

Battery charger

- The power voltage supply must conform to that specified on the rating plate of the rapid charger.
- Always inspect battery charger, cord and plug before use.
- Always have damage repaired by a qualified professional.
- Protect battery charger against humidity and operate only in dry areas.
- The supplied charger is suitable for charging batteries only.

2.9 DURING USE

- Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory or fastener may contact hidden wiring (cutting accessory and fasteners contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock).
- In case of electrical or mechanical malfunction, immediately switch off the tool or unplug charger from power source.

2.10 BEFORE FIRST USE

Remove any packing material and loose parts from unit. Check the accessories before use. It should be fit with the machine and your purpose. If the machine is new, the battery must first be charged.

2.11 ADDITIONAL SAFETY INSTRUCTIONS FOR BATTERIES AND CHARGERS

To avoid malfunctions, damage and health impairments, please observe the attached general safety instructions and the following information:

1.1.10 BATTERIES

⚠ WARNING!

- » Improper handling of batteries may result in fire, explosion or other hazards.
- » The battery fluid can cause personal injury or property damage. If the solution comes into contact with the skin, immediately rinse with plenty of water. If redness, pain or irritation occurs, seek medical attention. If it comes into contact with the eyes, immediately rinse with clean water and seek medical attention..
- Never attempt to open a battery.
- Do not expose the battery to moisture.
- Do not expose the battery to heat.
- Do not store in a place where the temperature may exceed 40 °C.
- Keep batteries away from children.
- Charge only at ambient temperatures between 10 °C and 40 °C.
- Only charge the battery with the USB-C charging cable included in the package.
- Only use the batteries intended for this purpose in the power tools. The use of other batteries can lead to injury and the risk of fire.
- When disposing of batteries, follow the instructions in the "Disposal" section.
- Do not damage or deform the battery - neither by puncturing nor by hitting it - as this may cause injury and a fire.
- Do not charge damaged batteries.
- Handle the battery with care, do not drop it, or subject it to pressure, other mechanical stress, or extreme heat or cold.
- Warning: risk of accident! Do not short-circuit the battery, never expose it to moisture and do not store it together with metal objects that could short-circuit the contacts. The battery could become very hot, catch fire or explode.
- The battery cells in the battery pack are not replaceable.

Under extreme conditions, battery fluid may leak. If you notice fluid on the batteries, wipe it off carefully with a cloth. Avoid contact with skin. If fluid does come into contact with skin or eyes, follow the instructions below.

1.1.11 CHARGERS

i A NOTICE

- » Important! USB charger or quick charger are not included.
- » Recommended charging values: 5.0 V d.c. / 1,8 A (Type C).

The charger is designed for a specific voltage. Always check that the mains voltage matches the voltage on the data plate.

⚠ WARNING!

- » When the charger is not in use and before cleaning and maintenance, unplug the charger from the power socket.
- Never replace the charger with a power plug.
- Only use your charger to charge the type of battery included in the delivery. Other batteries may burst and cause property damage and personal injury.
- Never attempt to charge non-rechargeable batteries.
- If the power cord is damaged, it must be replaced by the manufacturer or a service center in order to avoid a hazard.
- Have damaged cables replaced immediately.
- Never expose the charger to moisture.
- Do not open the charger.
- Do not put your fingers or any objects into the charger.
- Device/tool/battery must be in a well-ventilated place when charging.
- The charger is intended for indoor use only.

2.12 INTENDED USE

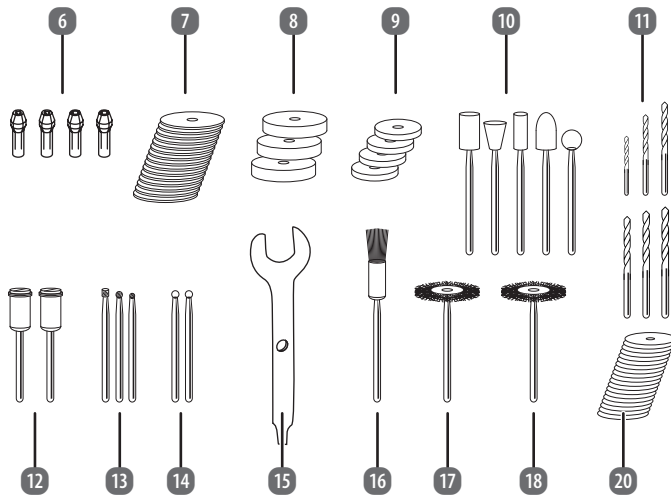
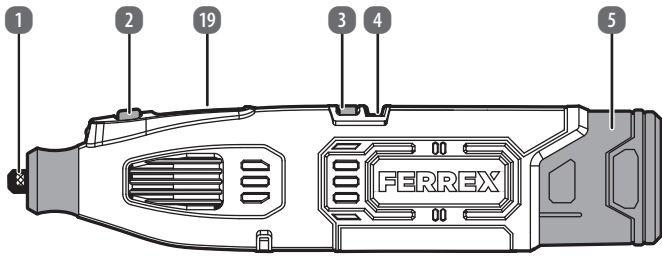
The machine is intended for drilling, grinding, polishing, milling and brushing and other jobs like engraving, cutting and removing rust are also possible

- Only use the product as mentioned in this manual. Any other use is considered improper and may result in damage to property or injury to persons.
- Potential injury from improper use.
- The manufacturer or vendor cannot be held liable for damages or injury incurred through improper or incorrect use.

3 PRODUCT OVERVIEW/PACKAGE CONTENT

- 1× Cordless rotary tool
- 1× Battery
- 1× USB-C charging cable
- 1× Case
- 75× Accessories
- 1× User manual

4 OVERVIEW



- 1 Chuck
- 2 Spindle lock
- 3 Speed regulator
- 4 Battery Charge Indicator
- 5 Battery
- 6 Collet
- 7 Cutting discs
- 8 Polishing discs
- 9 Grinding discs
- 10 Grinding bits

- 11 Hss drills
- 12 Holders
- 13 Milling bits
- 14 Carving bits
- 15 Wrench
- 16 Brush
- 17 Nylon brush
- 18 Metal brush
- 19 On/Off switch
- 20 Sanding discs

5 SETUP

5.1 BATTERY

5.1.1 CHARGING THE BATTERY

1. Connect the included USB-C cable with a compatible USB charger (not included) and the battery 5.
2. When the battery is charging, the red LED is on.
3. When the battery is full, the green LED is on.
4. The total charging time is approx. < 3 hours.

5.1.2 INSERTING THE BATTERY

1. Slide the battery onto the device until it locks in place.

5.1.3 REMOVING THE BATTERY

1. Detach the battery from the device by pressing and holding the unlocking button and pulling the battery off the device.
2. If required, charge the battery.

6 OPERATION

6.1.1 CHUCK

- a) Press spindle lock button 2 and rotate the spindle by wrench 15 until the lock button engages the spindle preventing further rotation.
- b) Keep holding the lock button 2 and loosen the chuck 1.

- a) Insert the new accessory into the collet 6 as far as possible to minimize running out.
- b) With the lock engaged, tighten the chuck 1 until the accessory shank is gripped by the collet. Excessive tightening of the chuck is not needed.

⚠ CAUTION!

- » For precision work, it is important that all accessories are in good balance. You can tell by the sound and feel it. To adjusting or balance an accessory, slightly loosen chuck and give the accessory or collet a desired turn if necessary.

1.1.12 COLLETS

Different size collets to accommodate different shank sizes are available.

To install a different collet, remove the chuck and remove the old collet. Insert the un-slotted end of the collet in the hole in the end of the tool shaft. Replace chuck on the shaft.

Always use the collet which matches the shank size of the accessory you plan to use. Never force a larger diameter shank into a collet.

1.1.13 CHANGING ACCESSORIES

- a) Make sure the machine is switched off before you change over.
- b) While holding the spindle lock button down, gently rotate the chuck until the spindle lock button is fully engaged. Never press the spindle lock button when the tool is running.
- c) Always select a right size collet for assembling the accessories. Make sure all items are fully introduced to reduce the risk of twisting an accessory and avoid excessive vibration.
- d) Insert the stem of the accessory into collet. Press the spindle locking button down and turn count-clockwise slightly to tighten the screw nut.

1.1.14 INSERTING CUT OFF WHEEL

- a) Insert the mandrel which has a small screw into the collet like the above mentioned and ensuring that the screw nut is tightened and the collet well established.
- b) Loosen the screw on the top of the mandrel and remove it. Attach the accessories on the top of mandrel, then put back the removed screw and tighten it.

1.1.15 INSERTING THE FELT WHEEL

- a) Insert the mandrel into the collet like the above mentioned and ensuring that the screw nut is tightened and the collet well established.
- b) Set a suitable rotational speed.

i NOTICE

- » Store the accessories in the original box or store the accessory components somewhere else to protect them from damage.
- » Store the accessories somewhere dry and not in the vicinity of aggressive media.

1.1.16 ON/OFF TRIGGER

- Use the On/Off switch to start the machine, to switch the machine off, use the On/Off switch again.

1.1.17 ADJUSTING THE SPEED

By adjusting the speed regulator 3 you can regulate the speed of the machine.

| Number on the speed control | Material being worked |
|-----------------------------|---|
| 1-3 | Plastics and materials with a low melting point |
| 4-5 | Stone, ceramics |
| 5 | Soft wood, metal |
| 6 | Hardwood/ Steel |

Do not put the machine down when the motor is still running. Do not place the machine on a dusty surface. Dust particles may enter the mechanism.

7 ACCESSORIES

Use only accessories with an allowable speed matching at least the highest no-load speed of the tool.

8 MAINTENANCE AND CLEANING

⚠ WARNING!

- » Always disconnect from the mains power supply before carrying out any maintenance/ cleaning of the charger. Remove the battery before carrying out any maintenance/cleaning of the tool.

1.1.18 MAINTENANCE

There are no inner parts of the tool which need maintenance.

8.1.1 CLEANING

- Keep safety devices, ventilation openings and the motor housing as free as possible from dirt and dust. Rub the electric power tool with a clean cloth or blow over it with low pressure compressed air.
- We recommend that you clean your electric power tool immediately after each use.
- Clean the electric power tool regularly with a damp cloth and somewhat soft soap.

Do not use any cleaning or solvent materials; these can attack the device's plastic components. Make sure that no water can get inside the electric power tool.

9 TECHNICAL DATA

| | |
|---|-----------------------------------|
| Speed: | 5000 – 26000 min ⁻¹ |
| Chuck: | 1.0 – 3.2 mm |
| Working diameter: | (Ø) max. 25 mm |
| Weight (without battery pack): | 0.45 kg |
| Sound pressure level L_{pa}: | 75.37 dB(A) |
| Uncertainty K^{pa}: | 3 dB |
| Sound power level L_{wa}: | 83.37 dB(A) |
| Uncertainty K_{wa}: | 3 dB |
| Hand-arm vibration a_h: | 2.958 m/s ² |
| Uncertainty K: | 1.5 m/s ² |
| BATTERY FBT-CLB014 | |
| Voltage: | 12V d.c. |
| Capacity: | 2 Ah, 24 Wh |
| CHARGER FBT-CLC011 (not included in scope of supply) | |
| Input: | 220 – 240 V ~ 50 – 60 Hz, 50 W |
| Output: | 12 V d.c. |
| Charging current: | 2400 mA |

1.1.19 INFORMATION ON NOISE/VIBRATION EMISSIONS

The values for airborne noise emission given in this manual were determined in a standardized test procedure according to EN 60745.

Wear hearing protection!

Vibration total value (vector sum of three directions) according to EN 60745:

The vibration total value given in this manual was determined in a standardized test procedure according to EN 60745 and can be used to compare one tool with another.

It can also be used for a preliminary assessment of vibration exposure. The value given corresponds to the exposure when the power tool is used for one of the main applications given. However, if the tool is used for other types of applications, with accessories that are not recommended/approved for this type of work, or in a poor operating condition, the actual vibration total value may differ from the value given. This may significantly increase the vibration exposure during the entire working period.

When estimating the level of vibration exposure, always take into account the times when the tool is switched off or is switched on but not performing work. This can significantly reduce the vibration exposure during the entire working period. Consider implementing additional safety measures (e.g. regular maintenance of the power tool and accessories, keeping hands warm and organizing work routines) to protect yourself from the effects of vibration.

Recommended measures to limit vibration exposure:

1. Always wear suitable work gloves when operating this power tool.
2. Limit working time and shorten operating intervals.

9.1 CHARGING VIA USB

The battery can be charged via a USB-C charger (5V d.c. input, 1.8 A) and/or a USB port.

NOTICE

- » Only the USB cable is included in the delivery.

10 DISPOSAL

10.1 DISPOSING OF THE PACKAGING



Recycle

Sort the packaging before you dispose of it. Dispose of paperboard and cardboard with the recycled paper service and wrappings with the appropriate collection service.

The product has been packaged to protect it from damage in transit. The packaging is made of materials that can be recycled in an environmentally friendly manner.

Dispose of the packaging such that it is correctly sorted. Submit cardboard and card to waste paper and foils to the recycling collection.

10.2 DISPOSING OF THE PRODUCT



Old products may not be disposed of in the household waste!

Should the product no longer be capable of being used at some point in time, dispose of it in accordance with the regulations in force in your city or county.

This ensures that old products are recycled in a professional manner and also rules out negative consequences for the environment and human health. For this reason, electrical equipment is marked with the symbol shown here.

10.3 BATTERY DISPOSAL



Batteries may not be disposed of with household waste!

As the end user you are required by law to bring all batteries and rechargeable batteries, regardless whether they contain harmful substances* or not, to a collection point run by the city or county, or to a retailer, so that they can be disposed of in an environmentally friendly manner.

*labeled with: Cd = cadmium, Hg = mercury, Pb = lead

11 EC-DECLARATION OF CONFORMITY

We, **Batavia B.V., Weth. Wassebaliestraat 6d, NL-7951 SN Staphorst**, declare by our own responsibility that the product **Cordless rotary tool, Type FBT-CRT004A**, is according to the basic requirements, which are defined in the European Directives Electromagnetic Compatibility **2014/30/EU** (EMC), **2006/42/EC** (Machinery), RoHS: **2011/65/EU**, (EU) **2023/1542**, and their amendments. For the evaluation of conformity, the following harmonized standards were consulted:

EN 60745-1:2009+A11

EN 60745-2-23:2013

EN IEC 63000:2018

EN IEC 55014-1:2021

EN IEC 55014-2:2021

EN 62133-2:2017+A1:2021

Staphorst, 12 January 2026

Jin Min, QA Representative, Batavia B.V., Weth. Wassebaliestraat 6d, 7951 SN Staphorst, Netherlands

12 UK DECLARATION OF CONFORMITY

We, the **Batavia B.V., Weth. Wassebaliestraat 6d, NL-7951 SN Staphorst, Netherlands** declare by our own responsibility that the product **Cordless rotary tool, Type FBT-CRT004A**, is according to the basic requirements, which are defined in the UK Regulations Supply of Machinery (Safety) Regulations 2008, Electromagnetic Compatibility Regulations 2016, Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 and their amendments.

Staphorst, 12 January 2026

Jin Min, QA Representative, Batavia B.V., Weth. Wassebaliestraat 6d, 7951 SN Staphorst, Netherlands

The product and the user manual may be subject to changes. Technical data may be changed without prior notice.

13 WARRANTY

Please contact our **AFTER SALES SUPPORT** by phone or e-mail before sending in the product. This allows us to provide support in the event of possible operator errors.

13.1 WARRANTY CONDITIONS

Dear Customer,

The **ALDI warranty** offers you extensive benefits:

| | |
|-------------------------------|--|
| Warranty period: | 3 years from date of purchase. 6 months for wear parts and consumables under normal and proper conditions of use (e.g. rechargeable batteries). |
| Costs: | Free repair/exchange No transport costs |
| Hotline: | 0 1827 438 013 (GB) 0 124 695 20 (IE) (standard national landline call rate) |
| Phone lines available: | Mo - Fri 8 am - 7 pm |

Please contact our **AFTER SALES SUPPORT** by phone or e-mail before sending in the device. This allows us to provide support in the event of possible operator errors.

In order to make a claim under the warranty, please send us:

- The faulty item together with the original purchase receipt
- The product with all components included in the packaging

The warranty does not cover damage caused by:

- **Accident** or **unanticipated events** (e.g. lightning, water, fire)
- **Improper use** or **transport**
- **Disregard of the safety** and **maintenance instructions**
- Other **improper treatment** or **modification** of the product

After the expiry of the warranty period, you still have the possibility to have your product repaired at your own expense. If the repair or the estimate of costs is not free of charge you will be informed accordingly in advance.

This warranty does not affect your statutory rights. In the event that a product is received for repair, neither the service company nor the seller will assume any liability for data or settings possibly stored on the product by the customer.



BATAVIA B.V.,
Weth. Wassebaliestraat 6d,
7951 SN Staphorst, Netherlands

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