





Intended use

Your BLACK+DECKER BETL18 tiller has been designed for household, consumer use only.

Safety instructions

General power tool safety warnings



Warning! Read all safety warnings, instructions, illustrations and specifications provided with 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 all of the warnings listed below 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 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, 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.
 - 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.
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 tools 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 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.
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 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. NOTE: The temperature „130 °C“ can be replaced by the temperature „265 °F“.
 - 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.

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 authorised service providers.

Using your appliance

Always take care when using the appliance.

Always use safety glasses or goggles.

- ◆ Never allow children or people unfamiliar with the instructions to use the appliance.
- ◆ Do not allow children or animals to come near the work area or to touch the appliance or power supply cord.
- ◆ Close supervision is necessary when the appliance is used near children.
- ◆ This appliance is not intended for use by young or infirm persons without supervision.
- ◆ This appliance is not to be used as a toy.
- ◆ Only use the appliance in daylight or good artificial light.
- ◆ Use in a dry location only. Do not allow the appliance to become wet.
- ◆ Avoid using the appliance in bad weather conditions, especially when there is a risk of lightning.
- ◆ Do not immerse the appliance in water.
- ◆ Do not open the body casing. There are not user-serviceable parts inside.
- ◆ Do not operate the appliance in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.
- ◆ To reduce the risk of damage to plugs or cords, never pull the cable to remove the plug from a socket.
- ◆ The appliance is only to be used with the power supply unit provided with the appliance.

Safety of others

- ◆ This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- ◆ Children must be supervised to ensure that they do not play with the appliance.

Vibration

The declared vibration emission values and the declared noise emission value(s) stated in the technical data and the declaration of conformity have been measured in accordance with a standard test method provided by EN 62841 and may be used for comparing one tool with another. The declared vibration emission value and the declared noise emission value(s) may also be used in a preliminary assessment of exposure.

Warning! The vibration and noise emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used. The vibration level may increase above the level stated.

When assessing vibration exposure to determine safety measures required by 2002/44/EC to protect persons regularly using power tools in employment, an estimation of vibration exposure should consider, the actual conditions of use and the way the tool is used, including taking 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.

Residual risks.

Additional residual risks may arise when using the tool which may not be included in the enclosed safety warnings. These risks can arise from misuse, prolonged use etc.

Even with the application of the relevant safety regulations and the implementation of safety devices, certain residual risks can not be avoided. These include:

- ◆ Injuries caused by touching any rotating/moving parts.
- ◆ Injuries caused when changing any parts, blades or accessories.
- ◆ Injuries caused by prolonged use of a tool. When using any tool for prolonged periods ensure you take regular breaks.
- ◆ Impairment of hearing.
- ◆ Health hazards caused by breathing dust developed when using your tool (example:- working with wood, especially oak, beech and MDF.)

After use

- ◆ When not in use, the appliance should be stored in a dry, well ventilated place out of reach of children.
- ◆ Children should not have access to stored appliances.
- ◆ When the appliance is stored or transported in a vehicle it should be placed in the boot or restrained to prevent movement following sudden changes in speed or direction.

Inspection and repairs

- ◆ Before use, check the appliance for damaged or defective parts. Check for breakage of parts and any other conditions that may affect its operation.

- ◆ Do not use the appliance if any part is damaged or defective.
- ◆ Have any damaged or defective parts repaired or replaced by an authorised repair agent.
- ◆ Never attempt to remove or replace any parts other than those specified in this manual.

Additional safety instructions for tillers

Warning! To reduce risk of injury:

- ◆ Before any use, be sure everyone using this unit reads and understands all safety instructions and other information contained in this manual.

- ◆ Save these instructions and review frequently.

Warning! When using electric gardening appliances, basic safety precautions should always be followed to reduce risk of fire, electric shock, and personal injury, including the following.

- ◆ **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- ◆ **Avoid Dangerous Environments – DO NOT use appliances in damp or wet locations. DO NOT operate portable electric appliances in gaseous or explosive atmospheres.** Motors in these appliances normally spark, and the sparks might ignite fumes.
- ◆ **Don't Use In Rain or wet areas.**
- ◆ **Keep All Bystanders Away** – at a safe distance from work area, especially children.
- ◆ **Dress Properly – Do not wear loose clothing or jewelry. They can be caught in moving parts.** Gloves and substantial rubber soled footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
- ◆ **Always Wear Eye Protection – EN166 approved eye protection at all times when battery is installed. Also use a face or a dust mask and hearing protection.** Safety glasses and hearing protection are available at extra cost at your local Service Center or authorized service facility.
- ◆ **Use The Right Appliance** – Do not use appliance for any job except that for which it is intended.
- ◆ **Avoid Accidentally Starting** – Don't carry with finger on trigger when battery is installed.
- ◆ **Don't Force Appliance** – It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.
- ◆ **Don't Overreach** – Keep proper footing and balance at all times.
- ◆ **Stay Alert** – Watch what you are doing. Use common sense. DO NOT operate while under the influence of alcohol or drugs, or when you are tired or ill.

- ◆ **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.
- ◆ **Disconnect Appliance** – Remove the battery when not in use, before servicing, when changing accessories such as blades, and the like.
- ◆ **Store Idle Appliances Indoors** – When not in use, appliances should be stored indoors in dry, and high or locked-up place – out of reach of children.
- ◆ **Maintain Appliance With Care** – Keep cutting edge sharp and clean for best performance and to reduce the risk of injury. Follow instructions for lubricating and changing accessories. Keep handles dry, clean, and free from oil and grease.
- ◆ **Check Damaged Parts** – **Before further use of the appliance, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect its operation.** A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless indicated elsewhere in this manual.
- ◆ **Damage to Unit** – If you strike or become entangled with a foreign object, stop appliance immediately, remove battery, check for damage and have any damage repaired before further operation is attempted.
- ◆ **DO NOT immerse appliance in water or squirt it with a hose. DO NOT allow any liquid to get inside it.** If appliance does get wet, allow to dry for a minimum of 48 hours.
- ◆ **DO NOT** store the appliance on or adjacent to fertilizers or chemicals.
- ◆ **Don't grasp the exposed cutting blades or cutting edges when picking up or holding the appliance.**
- ◆ **DO NOT** clean with a pressure washer.
- ◆ **DO NOT** charge appliance in rain, or in wet locations.
- ◆ **DO NOT** use battery-operated appliance in rain.
- ◆ Remove or disconnect battery before servicing, cleaning or removing material from the gardening appliance.
- ◆ 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.
- ◆ 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.
- ◆ 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.
- ◆ **SERVICE-** 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.
- ◆ Be familiar with the controls and the proper use of the appliance.
- ◆ Always remove the battery from the appliance whenever the appliance is unattended, before clearing a blockage, before cleaning and maintenance, after striking a foreign object or whenever the appliance starts vibrating abnormally.
- ◆ Do not use the appliance if the cords are damaged or worn.
- ◆ Wear stout shoes or boots to protect your feet.
- ◆ Wear long trousers to protect your legs.
- ◆ Before using the appliance, check that your cutting path is free from sticks, stones, wire and any other obstacles.
- ◆ Only use the appliance in the upright position, with the cutting line near the ground. Never switch the appliance on in any other position.
- ◆ Move slowly when using the appliance. Be aware that freshly cut grass is damp and slippery.
- ◆ Do not work on steep slopes. Work across the face of slopes, not up and down.
- ◆ Never cross gravel paths or roads while the appliance is running.
- ◆ Never touch the tines while the appliance is running.
- ◆ Do not put the appliance down until the tines have come to a complete standstill.
- ◆ Keep hands and feet away from the tines at all times, especially when switching on the motor.
- ◆ Before using the appliance and after any impact, check for signs of wear or damage and repair as necessary.
- ◆ Never operate the appliance with damaged guards or without guards in place.
- ◆ Always ensure that the ventilation slots are kept clear of debris.

Additional safety instructions for batteries and chargers

Batteries

- ◆ Never attempt to open for any reason.
- ◆ Do not expose the battery to water.
- ◆ Do not store in locations where the temperature may exceed 40 °C.
- ◆ Charge only at ambient temperatures between 10 °C and 40 °C.

- ◆ Charge only using the charger provided with the tool.
- ◆ When disposing of batteries, follow the instructions given in the section "Protecting the environment".

Chargers

- ◆ Use your BLACK+DECKER charger only to charge the battery in the tool with which it was supplied. Other batteries could burst, causing personal injury and damage.
- ◆ Never attempt to charge non-rechargeable batteries.
- ◆ Have defective cords replaced immediately.
- ◆ Do not expose the charger to water.
- ◆ Do not open the charger.
- ◆ Do not probe the charger.



The charger is intended for indoor use only.



Read the instruction manual before use.

Electrical safety



Your charger is double insulated; therefore no earth wire is required. Always check that the mains voltage corresponds to the voltage on the rating plate. Never attempt to replace the charger unit with a regular mains plug.

- ◆ If the supply cord is damaged, it must be replaced by the manufacturer or an authorised BLACK+DECKER Service Centre in order to avoid a hazard.

Labels on appliance

The following warning symbols are found on the appliance along with the date code:



Read the manual prior to operation.



Wear safety glasses or goggles when operating this appliance.



Wear suitable ear protectors when operating this appliance.



Always remove the battery from the appliance before performing any cleaning or maintenance .



Warning!-rotating knives, keep feet away from the blades



Danger!-keep hands away from blade



Do not spray with water



Do not expose the appliance to rain or high humidity.



Directive 2000/14/EC guaranteed sound power.

Features

This appliance includes some or all of the following features.

1. Upper pole
2. Lower pole
3. Auxiliary handle
4. Battery pack
5. Battery housing
6. Battery release button
7. Tines
8. Main handle
9. Lock off button
10. Trigger
11. Speed control switch

Charging the battery (Fig. A)

The battery needs to be charged before first use and whenever it fails to produce sufficient power on jobs that were easily done before.

The battery may become warm while charging; this is normal and does not indicate a problem.

Warning! Do not charge the battery at ambient temperatures below 10 °C or above 40 °C. Recommended charging temperature: approx. 24 °C.

Note: The charger will not charge a battery if the cell temperature is below approximately 10 °C or above 40 °C.

The battery should be left in the charger and the charger will begin to charge automatically when the cell temperature warms up or cools down.

- ◆ Plug the charger into an appropriate outlet before inserting the battery pack.
- ◆ Insert the battery pack into the charger.



The green LED will flash indicating that the battery is being charged.



The completion of charge is indicated by the green LED remaining on continuously. The pack is fully charged and may be used at this time or left in the charger

Warning! Recharge discharged batteries as soon as possible after use or battery life may be greatly diminished.

Charger diagnostics

This charger is designed to detect certain problems that can arise with the battery packs or the power source. Problems are indicated by one LED flashing in different patterns.

Bad Battery



The green LED will flash indicating that the battery is being charged. The charger can detect a weak or damaged battery. The red LED flashes in the pattern indicated on the label. If you see this bad battery blink pattern, do not continue to charge the battery. Return it to a service centre or a collection site for recycling

Hot/Cold Pack Delay



When the charger detects a battery that is excessively hot or excessively cold, it automatically starts a Hot/Cold Pack delay, suspending charging until the battery has normalised. After this happens, the charger automatically switches to the Pack Charging mode. This feature ensures maximum battery life. The red LED flashes in the pattern indicated on the label when the Hot/Cold pack delay is detected.

Leaving the battery in the charger

The charger and battery pack can be left connected with the LED glowing indefinitely. The charger will keep the battery pack fresh and fully charged.

Important charging notes

- ◆ Longest life and best performance can be obtained if the battery pack is charged when the air temperature is between 65°F and 75°F (18° - 24°C). DO NOT charge the battery pack in an air temperature below +40°F (+4.5°C), or above +105°F (+40.5°C). This is important and will prevent serious damage to the battery pack .
- ◆ The charger and battery pack may become warm to touch while charging. This is a normal condition, and does not indicate a problem.

To facilitate the cooling of the battery pack after use, avoid placing the charger or battery pack in a warm environment such as in a metal shed, or an uninsulated trailer

- ◆ If the battery pack does not charge properly:
 - ◆ Check current at receptacle by plugging in a lamp or other appliance
 - ◆ Check to see if receptacle is connected to a light switch which turns power off when you turn out the lights.
 - ◆ Move charger and battery pack to a location where the surrounding air temperature is approximately 65°F - 75°F (18° - 24°C).
 - ◆ If charging problems persist, take the appliance, battery pack and charger to your local service center.
- ◆ The battery pack should be recharged when it fails to produce sufficient power on jobs which were easily done previously. DO NOT CONTINUE to use under these conditions. Follow the charging procedure. You may also charge a partially used pack whenever you desire with no adverse affect on the battery pack.
- ◆ Foreign materials of a conductive nature such as, but not limited to, steel wool, aluminium foil, or any buildup of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug charger before attempting to clean.
- ◆ Do not freeze or immerse charger in water or any other liquid.

Warning! Shock hazard. Do not allow any liquid to get inside charger. Never attempt to open the battery pack for any reason.

If the plastic housing of the battery pack breaks or cracks, return to a service center for recycling.

Installing and removing the battery pack from the appliance (Fig. B)

Warning! Make certain the lock-off button is not engaged to prevent switch actuation before removing or installing battery.

To install battery pack

Insert battery (4) into appliance until an audible click is heard (Figure B). Ensure battery pack is fully seated and fully latched into position.

To remove battery pack

Depress the battery release button (6) as shown in Figure B and pull battery pack out of appliance.

Assembly

Warning! Before assembly, make sure that the tool is switched off and the battery has been removed.

Assembling the Pole (Fig. C)

Warning! NEVER use a sharp object to move jacketed wires out of the way.

- ◆ Remove knob (13), washer (15), and curved head bolt (14) from handle tube mounting hole.
- ◆ Remove tape which secures internal jacketed cable to tubes.
- ◆ Slide upper tube (1) into lower tube (2) and fasten handle tubes together with the knob, washer and curved head bolt.

Note: When you first insert the bolt it may be necessary to wiggle it carefully to get it past the jacketed cable inside the tube.

Warning! Do not drive bolt through with hammer or any other tool.

Removing and installing tines (Fig. D)

Warning! To reduce the risk of serious personal injury, turn unit off and remove the battery pack before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

Warning! To reduce the risk of serious personal injury, always wear gloves to protect your hands when touching tines. Tines are sharp.

Note: The tines should be removed and cleaned after each use.

- ◆ Remove the battery pack from the appliance. Place appliance on a flat level surface.
- ◆ Wearing gloves, clear away any excessive debris or dirt from the tines (7) and tine shaft with a screwdriver or a stick.
- ◆ Wearing gloves, remove the clip pin (16) and washer (17) from each end of the tine shaft.
- ◆ Wearing gloves, slide the tines off the tine shaft.
- ◆ Clean the tine shaft of any dirt with a damp rag and allow to dry.
- ◆ Wearing gloves, clean the tines of any dirt with a damp rag and allow to dry.
- ◆ The tines are keyed and only correctly install one way so that the hole for the clip pin is exposed.
- ◆ Wearing gloves, slide the clean and dried tines onto each side of clean and dried tine shaft.
- ◆ Wearing gloves, install the washer and then the clip pin on each side of the tine shaft.

Operation

Warning! To reduce the risk of serious personal injury, turn unit off and remove the battery pack before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

Warning! Before Landscaping or Tilling, inspect and ensure there are no exposed or buried cables, pipes or other objects that may create a hazard or interfere with operating the tiller. Set depth to only that required for the job. Do not overload. If tool slows, pull back slightly and wait until blade comes up to normal speed.

Proper hand position (Fig. E)

Warning! To reduce the risk of serious personal injury, ALWAYS use proper hand position as shown.

Warning! To reduce the risk of serious personal injury, ALWAYS hold securely in anticipation of a sudden reaction. Proper hand position requires one hand on the main handle (8) and one hand on the auxiliary handle (3).

Switching tiller on and off (Fig. F)

Warning! Never attempt to lock the trigger in the on position.

- ◆ To turn the appliance on, press the lock-off button (9) and then squeeze the trigger (10). Once the unit is running, you may release the lock-off button.
- ◆ To turn the appliance off, release the trigger.

Speed control switch

The BETL18 gives you the choice to operate tines at a low speed for hard or compacted soil, or accelerate the tine speed for existing loose soil.

- ◆ For maximum tine speed, push the speed control switch (11) forward toward the auxiliary handle (3) into the "HI" position. This mode is best to till through loose soil and for applications that need higher RPM.
- ◆ For slower tine speed and more power, pull the speed control switch back toward the battery housing (5) into the "LO" position. This mode is best for hard or compacted soils.

Note: When in "HI" mode, runtime will be decreased as compared to when in "LO" mode.

Tilling

Warning! When operating this appliance always wear long trousers, boots and gloves. Do not wear shorts, sandals or operate this appliance barefoot.

Warning! Keep hands, feet and all body parts away from tine area.

Warning! Only carry tool with battery removed.

Caution: Ensure that the work area is free of larger stones, sticks or other objects that could cause damage to the tines.

Caution: Keep a firm grip on both of the handles while in operation.

Caution: Do not till overly wet soil. Overly wet soil will clog the tines.

Caution: Maintain straight lines, avoid turning left or right while the tines are engaged in the soil.

Caution: Do not attempt to unclog the blade chamber by dropping or tapping the tool on the ground. This can damage the unit. Keep hands clear of blades when cleaning as these wear to a very sharp point during tilling.

- ◆ Place the appliance in the work area before switching it on.
- ◆ Hold the appliance with the tines just off of the soil and then switch the appliance on.

- ◆ Holding the auxiliary handle and main handle firmly, lower the tines into the soil.
- ◆ Pull backward on the tiller so the tines can more easily break the surface of the soil.
- ◆ Once the surface of the soil has been broken, continue forward at a slow pace until you are familiar with the controls and the handling of the tiller.
- ◆ Till the soil in overlapping rows. Push the tiller in vertical lines, then till horizontally across the vertical lines to ensure an even coverage.
- ◆ If the tines become jammed, remove the battery pack from the appliance.
- ◆ Wearing gloves, remove the obstruction from the tines.

Note: For some jams you will need to use a screwdriver or a stick to remove the debris. Do not try to clear the tines by tapping the gear housing on the ground. Doing so could bend the tines or damage the appliance.

- ◆ If the tine shaft becomes jammed, remove the battery pack from the appliance. Inspect the tine shaft to see which side is jammed.
- ◆ Wearing gloves, remove the clip pin and washer. Then slide the tines off the tine shaft.
- ◆ Wearing gloves, remove debris or other obstructions wrapped around the tine shaft.
- ◆ Once the jam is clear, clean the tine shaft of any dirt with a damp rag.
- ◆ The tines are keyed and only correctly install one way so that the hole for the clip pin is exposed as shown in fig. D.
- ◆ Wearing gloves, slide the tine onto the tine shaft and install the washer and then the clip pin.

Preventing corrosion

Fertilizers and other garden chemicals contain agents that greatly accelerate the corrosion of metals. If you use the tool in areas where fertilizers or chemicals have been used, the tool should be cleaned immediately afterwards. Wipe all exposed parts with a damp cloth. You may lubricate only metal parts with a light petroleum based oil.

When cleaning, DO NOT immerse tool in water or squirt it with a hose.

Maintenance

Your BLACK+DECKER corded/cordless appliance/tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool/appliance care and regular cleaning.

Your charger does not require any maintenance apart from regular cleaning.

Warning! Before performing any maintenance on corded/cordless power tools:

- ◆ Switch off and unplug the appliance/tool.

- ◆ Or switch off and remove the battery from the appliance/tool if the appliance/tool has a separate battery pack.
- ◆ Or run the battery down completely if it is integral and then switch off.
- ◆ Unplug the charger before cleaning it. Your charger does not require any maintenance apart from regular cleaning.
- ◆ Regularly clean the ventilation slots in your tool/appliance and charger using a soft brush or dry cloth.
- ◆ Regularly clean the motor housing using a damp cloth. Do not use any abrasive or solvent-based cleaner.
- ◆ Regularly clean the tines and tine shaft as described on Page 10.
- ◆ Regularly use a blunt scraper to remove grass and dirt from the underneath of the guard.

Protecting the environment



Separate collection. Products and batteries marked with this symbol must not be disposed of with normal household waste.

Products and batteries contain materials that can be recovered or recycled, reducing demand for raw materials. Please recycle electrical products and batteries according to local provisions. Further information is available at www.2helpU.com

Technical data

		BETL18 (typ.1)
Input Voltage	V_{DC}	18V
No-Load Speed	min^{-1}	280 RPM / 310 RPM (+/-10 RPM)
Weight	kg	3.6

		BL2018
Battery		
Voltage	V_{DC}	18V
Capacity	Ah	2.0
Type		Li-Ion

		905902***(typ.1)
Charger		
Input Voltage	V_{AC}	100 - 240
Output Voltage	V_{DC}	8 - 20
Current	mA	Input: 400

Hand/arm weighted vibration value according to EN 62841-1:2015+A11:2022

= < 2,5 m/s, uncertainty (K) = 1.5 m/s.

L_{PA} (Emission sound pressure) 71 dB(A)
uncertainty (K) = 3 dB(A)

L_{WA} (Measured sound power level) 78 dB(A)
uncertainty (K) = 3.5 dB(A)

EC declaration of conformity
MACHINERY DIRECTIVE
OUTDOOR NOISE DIRECTIVE



BETL18 Cordless Tiller

Black & Decker declares that these products described under "technical data" are in compliance with:

2006/42/EC, EN 62841-1:2015+A11:2022, EN ISO 12100:2010

2000/14/EC annex V

L_{WA} (measured sound power) 78 dB(A),

Uncertainty (K) = 3.5 dB(A),

L_{WA} (guaranteed sound power) 87 dB(A).

These products also comply with Directive 2014/30/EU and 2011/65/EU. For more information, please contact Black & Decker at the following address or refer to the back of the manual.

The undersigned is responsible for compilation of the technical file and makes this declaration on behalf of Black & Decker.

Patrick Diepenbach
 General Manager, Benelux
 Black and Decker,

Egide Walschaertsstraat 14-18
 2800 Mechelen, Belgium
 24/08/2022

Declaration of conformity

The Supply of Machinery (Safety) Regulations



BETL18 Cordless Tiller

Black & Decker declares that these products described under "technical data" are in compliance with:

The Supply of Machinery (Safety) Regulations, 2008, S.I. 2008/1597 (as amended), EN 62841-1:2015+A11:2022, EN ISO 12100:2010

The Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001, S.I. 2001/1701 (as amended), Schedule 8.

L_{WA} (measured sound power) 78 dB(A),

Uncertainty (K) = 3.5 dB(A),

L_{WA} (guaranteed sound power) 87 dB(A).

These products also conform to the following UK Regulations: Electromagnetic Compatibility Regulations, 2016, S.I.2016/1091 (as amended).

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012, S.I. 2012/3032 (as amended).

For more information, please contact Black & Decker at the following address or refer to the back of the manual.

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The undersigned is responsible for compilation of the technical file and makes this declaration on behalf of Black & Decker .

Paul Featherstone
 Product Director – Outdoor Products Group
 Black and Decker UK,
 270 Bath Road, Slough
 Berkshire, SL1 4DX
 England
 24/08/2022

Guarantee

Black & Decker is confident of the quality of its products and offers consumers a 24 month guarantee from the date of purchase. This guarantee is in addition to and in no way prejudices your statutory rights. The guarantee is valid within the territories of the United Kingdom, the Member States of the European Union and the European Free Trade Area.

To claim on the guarantee, the claim must be in accordance with Black&Decker Terms and Conditions and you will need to submit proof of purchase to the seller or an authorised repair agent. Terms and conditions of the Black&Decker 2 year guarantee and the location of your nearest authorised repair agent can be obtained on the Internet at www.2helpU.com, or by contacting your local Black & Decker office at the address indicated in this manual.

Please visit our website www.blackanddecker.co.uk to register your new Black & Decker product and receive updates on new products and special offers.

Australia & New Zealand	Stanley Black & Decker 810 Whitehorse Road Box Hill VIC 3128, Australia	Tel. Tel.	1800 338 002 (Aus) 0800 339 258 (NZ)
<hr/>			
United Kingdom & Republic Of Ireland	Black & Decker 270 Bath Road Slough, Berkshire SL1 4DX	Tel. Fax	01753 511234 01753 512365
<hr/>			

www.blackanddecker.com.au
www.blackanddecker.co.nz

www.blackanddecker.co.uk
emeaservice@sbdinc.com