

BENCHMARKTM MC

ELECTRIC TILLER 13.5A



5 Year Limited Warranty



**READ ALL INSTRUCTIONS BEFORE FIRST USE.
KEEP THIS MANUAL FOR FUTURE REFERENCE.
KEEP AWAY FROM CHILDREN.**



**WEAR CSA APPROVED
EYE PROTECTION**



**WEAR EAR
PROTECTION**



**WEAR A
FACE MASK**

PRODUCT SPECIFICATIONS

ELECTRIC TILLER 13.5A	
Rating voltage	120 V~60 Hz
Rating current	13.5 A
No load speed	360 rpm
Rotor	6 steel tilling blades
Working width	18" / 457 mm
Tilling depth	8.7" / 220 mm
Weight	23.8 lbs (10.8 kg)

NEED ASSISTANCE?

Call us on our toll free customer support line:

1-833-818-4111 (Monday through Friday, 9am – 5pm, Eastern Standard Time)

- Technical questions
- Replacement parts
- Parts missing from package

TABLE OF CONTENTS

Product Specifications 1

Table of Contents 2

Safety Instructions 3

Know Your Electric Tiller 12

Assembly..... 14

Operation 16

Maintenance 21

Storage..... 23

Exploded View 24

Parts 26

Warranty 29

SAFETY INSTRUCTIONS

IMPORTANT

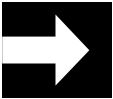
Please read these instructions fully before assembling and operating.

DESCRIPTION OF SYMBOLS

Symbols are used in this manual to attract your attention to possible risks. The safety symbols and the explanations which accompany them must be perfectly understood. The warnings themselves do not prevent the risks and cannot be a substitute for proper methods of avoiding accidents.

SAFETY ALERT SYMBOLS

The following symbols are used on the product and in this manual to alert the operator of potential safety hazards. Read them carefully, and understand their meaning.

SYMBOL MEANING	
	DANGER Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
	WARNING! Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
	CAUTION Indicates a potentially hazardous situation which, if not avoided, may result in minor/moderate injury.
	NOTICE Indicates a practice not related to personal injury which, if not avoided, may result in property damage.

The following symbols may be found on your tiller. Carefully read and understand their meaning.

SAFETY SYMBOLS

SYMBOL	MEANING
	READ THE OPERATOR'S MANUAL(S) – Read, understand, and follow all instructions in the user manual(s) before attempting to assemble and operate.
	SAFETY ALERT – Indicates a precaution, a warning, or a danger.
	Wear eye protection, breathing protection, and ear protection (i.e. safety goggles, dust masks, and ear defenders).
	WARNING! Do not expose the unit to rain or wet conditions.
	WARNING! Keep electrical extension cord away from blades.
	WARNING! Rotating parts may cause serious injury. Make sure the blades come to a complete stop before transporting the machine or before inspecting, cleaning, or conducting any other maintenance.
	SWITCH OFF! Remove plug from the outlet before cleaning or conducting maintenance checks.
	SWITCH OFF! Remove plug from the outlet immediately if the cord is damaged or cut.

	Beware of foreign objects that could be thrown from the appliance. Keep bystanders a safe distance away from the work area.
	Inspect the work area prior to use and remove all objects that could be thrown by the appliance. If a hidden object is discovered while working, stop the engine and remove the object.
	Wear protective gloves and non-slip footwear when using the machine and handling debris.
	Work across slopes; never work up and down such surfaces.
	The rotating part will continuously run for several seconds after you turn off the machine.
	DOUBLE INSULATION – When servicing, use only identical replacement parts.

SAFETY INSTRUCTIONS

All Operators Must Read These Instructions Before Use

Always follow these safety guidelines. Failure to do so may result in serious bodily injury or death.

GENERAL SAFETY WARNINGS!

You and any other operator of this garden tiller must read, understand, and follow these instructions in their entirety. Failure to follow these instructions may result in ELECTRIC SHOCK, FIRE, and/or serious PERSONAL INJURY.

Notice the personal safety alert symbol used in this manual to draw your attention to a WARNING given along with the particular operating instruction. This means that the operation requires special ATTENTION, CAUTION, and AWARENESS.

1. Keep work area clean and well-lit – Cluttered, dark areas invite accidents.
2. Replacement parts – When servicing this unit, use only identical replacement parts. Replace or repair damaged cords immediately.
3. Keep children, bystanders, and pets away – All spectators, including pets, should be kept a safe distance away from the work area.
4. Know your product – Know how to start and stop the machine. Be thoroughly familiar with the controls.
5. Use the right tool – Do not use this machine for any job except that for which it was intended.
6. Dress properly – Do not wear loose clothing or jewelry as such articles can become caught in moving parts. Wear a protective covering to contain long hair. Wearing rubber gloves and substantial non-slip footwear is recommended when working outdoors.
7. Extension cords – To prevent electric shock, use only with an extension cord suitable for outdoor use.
8. Avoid accidental starting – Do not carry the garden tiller with your finger on the switch. Make sure the switch is off before plugging in or unplugging the unit.

**CAUTION!**

Moving parts will continue to run for several seconds after turning off the machine.

9. Do not abuse the cord – Never carry the garden tiller by the cord or yank the cord to disconnect it from the receptacle. Keep the cord away from heat, oil, and sharp edges.
10. Moving parts – Keep hands and feet away from moving parts. Keep guards in place and in proper working order.
11. Do not force the tool – It will perform better with less likelihood of personal or mechanical injury if it is used at the rate for which it was designed.
12. Do not overreach – Keep proper footing and balance at all times.

If the tiller strikes a foreign object, follow these steps:

- Stop the electric tiller .
 - Inspect for damage.
 - Repair any damage before restarting and operating the tool.
13. Use safety glasses – Also use safety footwear, snugfitting clothing, protective gloves, hearing, and head protection.

14. Disconnect the tool – Disconnect the tiller from the power supply when it is not in use, before servicing it, when changing accessories, and when performing any other maintenance task.
15. Store idle tool indoors – When not in use, the tiller should be stored indoors in a dry and high or locked-up place out of the reach of children.
16. Maintain the tiller with care – Keep the cutting edges sharp and clean for optimal performance and to reduce the risk of injury. Inspect the extension cord periodically and immediately replace it if damaged. Keep the handles dry, clean, and free from oil and grease. Follow the additional recommendations described in the maintenance section of this manual.
17. Avoid dangerous environments – Do not use the tiller in rain or in damp or wet locations. Do not operate the tiller in gaseous or explosive atmospheres or use the tiller near flammable or combustible liquids. Motors in these tools normally spark, and the sparks might ignite fumes.
18. Stay alert – Watch what you are doing. Use common sense. Do not operate the tiller when you are tired or under the influence of drugs, alcohol, or other medication.
19. Check for 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.

Training

- Read, understand, and follow all instructions on the tiller and in the manual before operating this unit. Thoroughly familiarize yourself with the controls and the proper use of the equipment. Know how to stop the unit and disengage the controls quickly.
- Children should never be allowed access to the equipment. Adults should never operate the equipment without carefully reading and understanding these instructions.
- Keep the area of operation clear of all persons, particularly small children or pets.
- Exercise caution to avoid slipping or falling.
- Always plan your cultivating path to avoid discharge of material toward people, pets, and property (e.g. windows, cars, etc.). Thrown objects can cause serious personal injury and property damage. Do not allow anyone in front of a running machine.
- Keep people, pets, and property at least 25 feet from the tiller while it is in operation. Stop the tiller if people or pets enter the discharge area.
- Always observe the surface conditions in order to avoid slipping, falling, and unexpected objects.

Preparation

- Always inspect the area where the tiller is to be used. Remove all objects (i.e. stones, sticks, wires, and other foreign materials) that could be thrown by the blades or cause the operator to trip.
- Thrown objects can cause serious injury to the eyes and exposed body. Always wear safety glasses or eye shields during operation and while making an adjustment or repair.
- Always operate the tiller wearing adequate garments. Do not wear jewelry or other loose clothing, which could become entangled in moving parts. Wear nonslip footwear to ensure proper footing.
- Observe any noise-prevention regulations and laws.
- Inspect the tiller for worn, missing, or damaged parts and safety labels. See maintenance section for detailed instructions.

Operation

- Do not operate the machine while under the influence of alcohol or drugs.
- Keep all safety devices in place and in proper working order. Do not operate with missing or damaged components.
- Ensure the controls (start/stop) function properly before cultivating.
- Hold onto the tiller with both hands during operation. Ensure the grips are dry.
- Contact with rotating parts can amputate hands and feet. Keep hands and feet away from all rotating parts.
- Only operate the tiller when there is good visibility or light and dry conditions. Always watch your footing and keep a firm hold on the grips. Walk; don't run!
- Do not operate the tiller on slippery surfaces. Check your footing during use.
- Exercise caution when changing direction and operating the tool on slopes. Always keep feet and legs a safe distance away from the machine. Look for hidden obstacles or hazards.
- Do not overload machine capacity by attempting to cultivate too deeply. It will cause excessive resistance.
- Stop the tiller and disconnect the electric cord before leaving the operating position (behind the handles) to adjust or inspect the unit. Wait until the blades have come to a complete stop.
- If the tiller should start to vibrate abnormally, stop the machine and inspect thoroughly for damage.
- Turn the machine OFF and disconnect the electrical power when moving to a new work area. Allow the blades to completely stop rotating before transporting the unit.
- Do not use in rain or wet conditions.

- Do not grasp the exposed cutting blades or cutting edges when picking up or holding the appliance.

Stopping Work

- Always turn the tiller OFF and disconnect the electrical power when stopping work or when changing work areas. Never leave the machine running when unattended.
- The blades will continue to rotate for a short period after turning OFF the tiller. Wait until the blades have completely stopped before lifting the machine or conducting inspection and maintenance.
- The motor housing remains hot for a short period after the machine is turned OFF. Allow the motor housing to cool completely before touching or storing near combustible material.

Maintenance Storage

- Maintain or replace safety and instruction labels.
- Disengage all controls, stop the engine, and wait until the blades come to a complete stop before cleaning, repairing, or inspecting the tiller.
- Regularly check the following:
 - i) Blades are clear and can rotate freely – Accumulation of debris around the blades could impair performance or damage the motor. Inspect and clean the area around the blades before every use.
 - ii) Safety devices are operating properly – Do not tamper with or adjust safety devices.
 - iii) Bolts and screws are properly tightened – Visually inspect the machine for any damage and ensure that the tiller is in safe working condition.
 - iv) Use only identical replacement parts – Always replace damaged parts with original equipment manufacturer's (OEM) parts only. Replacement parts that do not meet the original equipment specifications may lead to improper performance and compromise safety.

Double-Insulated Appliances

In a double-insulated appliance, two systems of insulation are provided instead of grounding. No grounding means is provided on a double-insulated appliance, nor should a means for grounding be added to the appliance. Replacement parts for a double-insulated appliance must be identical to the parts they replace. A double-insulated appliance is marked with the words "Double Insulation" or "Double Insulated." The symbol  (square within a square) may also be marked on the appliance.



**DOUBLE-INSULATED: GROUNDING NOT REQUIRED.
WHEN SERVICING, USE ONLY IDENTICAL REPLACEMENT
PARTS.**

This electric tiller is double-insulated, eliminating the need for a separate grounding system. Use only identical replacement parts. Read the instructions before servicing double-insulated appliances. Use this electric tiller only as described in this manual.

ELECTRICAL SAFETY

1. Ground fault circuit interrupter (GFCI) protection should be provided on the circuit(s) or outlet(s) to be used for this electric tiller. Receptacles are available having built-in GFCI protection and may be used for this measure of safety.
2. To prevent electric shock, use only with an extension cord suitable for outdoor use, such as SW-A, SOW-A, STW-A, STOW-A, SJW-A, SJOW-A, SJTW-A, or SJTOW-A.

Before use, check that the extension cord is in good condition. When using an extension cord, make sure to use one heavy enough to carry the current to the product. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating.

3. To reduce the risk of electric shock, this appliance has a polarized plug (i.e. one blade is wider than the other). Use this appliance only with a polarized UL-, CSA-, or ETL-listed extension cord recommended for outdoor, all-weather use. The appliance plug will fit into a polarized extension cord only one way. If the appliance plug does not fit fully into the extension cord, reverse the plug. If the plug still does not fit, obtain a correct polarized extension cord. A polarized extension cord will require the use of a polarized wall outlet. The extension cord plug will fit into the polarized wall outlet only one way. If the plug does not fit fully into the wall outlet, reverse the plug. If the plug still does not fit, contact a qualified electrician to install the proper wall outlet. Do not modify the appliance plug, extension cord receptacle, or extension cord plug in any way.



WARNING



Electric shock may cause SEVERE INJURY or DEATH. Heed these warnings:

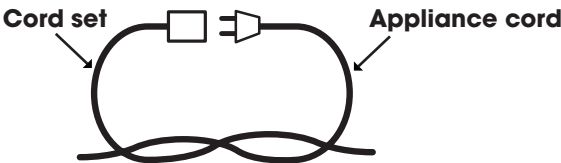
- Do not allow any part of the electric tiller to make contact with water while it is in operation. If the appliance becomes wet while turned off, wipe dry before starting.
- Use only a UL-, CSA-, or ETL-rated extension cord for outdoor, all weather use.
- Do not use an extension cord over 100 ft (30 m).
- Do not touch the appliance or its plug with wet hands or while standing in water. Wearing rubber boots offers some protection.

EXTENSION CORD CHART

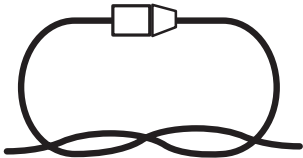
Extension Cord Length	Up to 50 ft (15 m)	50 ft - 100 ft (15 m - 30 m)
Wire Gauge (A.W.G.):	16	14

4. To prevent the appliance cord from disconnecting from the extension cord during operation, use the onboard extension cord restraint hook and/or make a knot with the two cords as shown in Table 1.

Table 1. Method of Securing Extension Cord



(A) Tie cord as shown

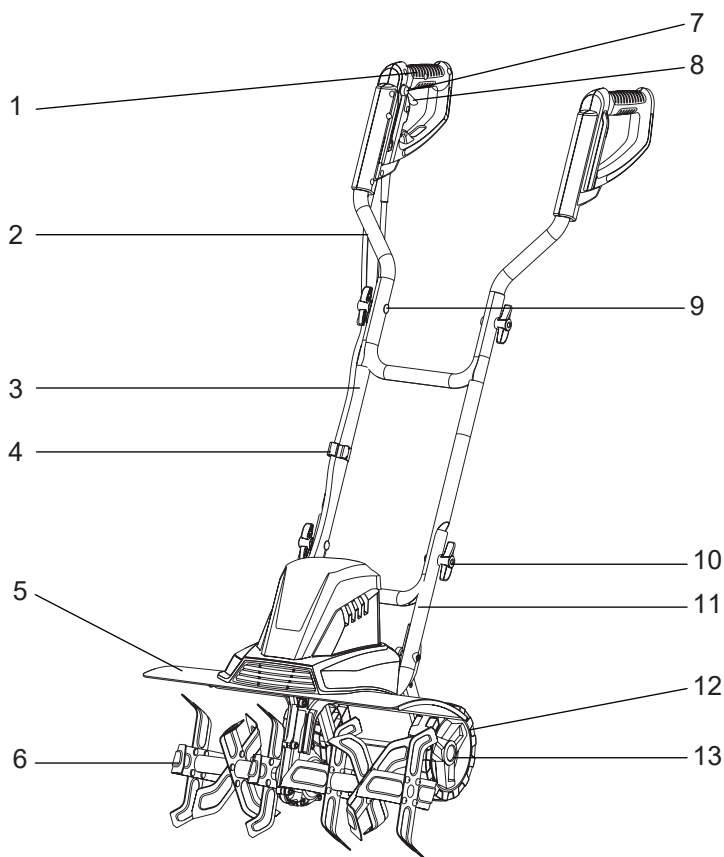


(B) Connect plug and receptacle

5. Do not abuse the cord. Never pull the tiller by the cord or yank the cord to disconnect it from the receptacle. Keep the cord away from heat, oil, and sharp edges.

KNOW YOUR ELECTRIC TILLER

Read the owner's manual and safety instructions carefully before operating the electric tiller. Compare the illustration below to the electric tiller in order to familiarize yourself with the location of the various controls and adjustments. Save this manual for future reference.



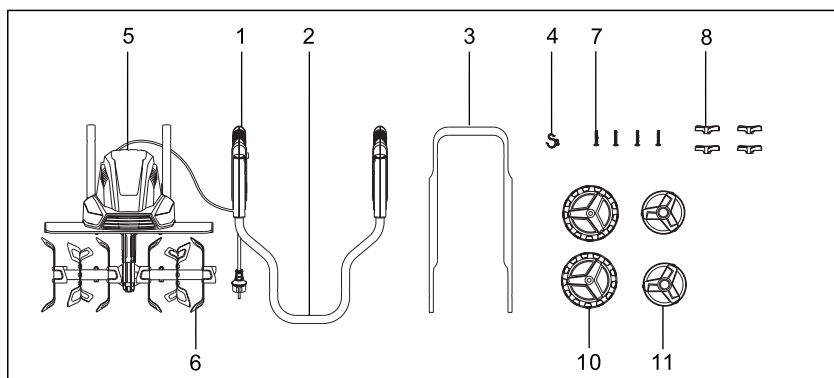
1. Handle grip
2. Upper handle
3. Middle handle
4. Power cable terminal
5. Guard
6. Tine assembly
7. Safety lock button

8. Trigger switch
9. M6X45 bolt
10. Knob
11. Lower handle
12. Wheel
13. Wheel cover

Unpacking

Carefully remove the tiller from its packaging and check that the following parts are included:

- | | | | |
|---|----------------------|----|---------------------|
| 1 | Handle grip | 7 | M6X45 bolt (4 pcs) |
| 2 | Upper handle | 8 | Knob (4 pcs) |
| 3 | Middle handle | 9 | Lower handle |
| 4 | Power cable terminal | 10 | Wheel (2 pcs) |
| 5 | Main unit | 11 | Wheel cover (2 pcs) |
| 6 | Tine assembly | | |



Carefully remove the electric tiller and check to see that all of the above items are supplied.

NOTE: Do not discard the shipping carton and packaging material until you are ready to use the electric tiller. The packaging is made of recyclable materials. Properly dispose of these materials in accordance with local regulations or save the packaging for long-term product storage.

IMPORTANT! The equipment and packaging material are not toys. Do not let children play with plastic bags, foils, or small parts. These items can be swallowed and pose a suffocation risk!

ASSEMBLY

! WARNING! Do not connect to the power supply until assembly is complete. Failure to comply could result in accidental starting and serious personal injury.

! WARNING! Before performing any maintenance, make sure the tool is unplugged from the power supply. Failure to heed this warning could result in serious personal injury.

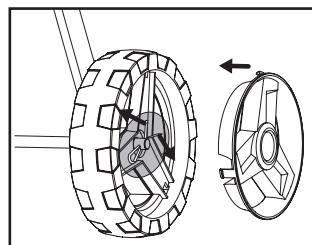
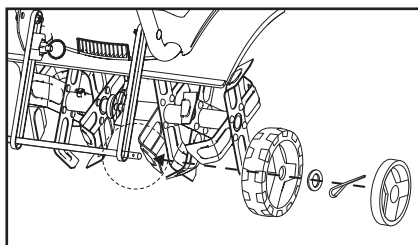
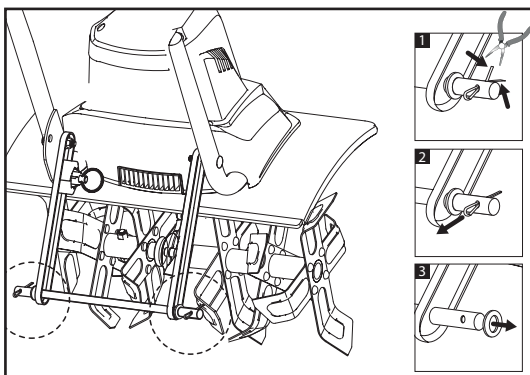
! WARNING! To prevent serious personal injury, make sure the switch is in the OFF (O) position, the unit is unplugged, and the blades have come to a complete stop before inspecting, cleaning, or servicing the unit.

! WARNING! The product must be fully assembled before operation. Do not use a product that is only partially assembled or assembled with damaged parts.

Follow the assembly instructions step-by-step and use the pictures provided as a visual guide to easily assemble the product.

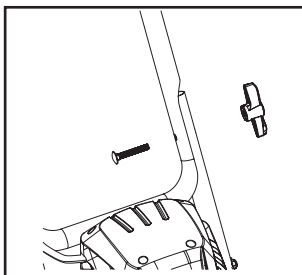
INSTALL THE WHEELS

1. Pull out the bayonet and washer from the axle, insert the wheel and washer into the axle, install the bayonet, and cover the wheel cover. Same operation on the other hand.

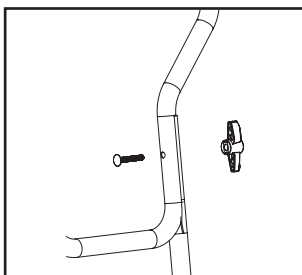


CONNECTING THE HANDLES

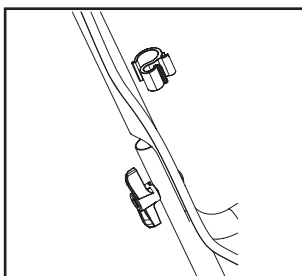
1. Connect the middle handle and the lower handle, tighten them with knob and bolt. Same operation on the other hand.



2. Connect the upper handle and the middle handle, tighten them with knob and bolt. Same operation on the other hand.



3. The power cable terminal is installed on the middle handle and the power cord is fixed on the power cable terminal.



INTENDED USE

This machine is intended for breaking up and tilling coarse soil for the purpose of mixing in fertilizer, peat and compost in domestic areas. Any use other than that specifically named in this manual may lead to damage to the tool and represents a serious injury hazard for the operator.

The operator or user of the tool is responsible for any damage or injury caused to other persons or property. Adults should only operate the machine. Children and persons unfamiliar with the manual must not be allowed to use the tool. Do not use the tool in rain or damp surroundings. The manufacturer shall not be held liable for damage arising from improper use or incorrect operation of the tiller.

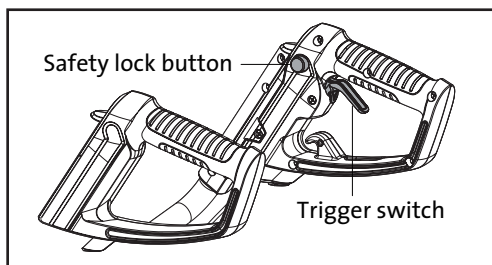
OPERATION

STARTING AND STOPPING THE TILLER

To prevent an accidental start-up of the tiller, the handle grip is equipped with a safety lock button which must be pressed before the trigger switch can be pressed. If the trigger switch is released, the equipment switches off. Repeat this process several times so that you are sure that the machine functions properly. Before you perform any repair or maintenance work on the machine, ensure that the cutting unit is not rotating and that the power supply is disconnected. Always ensure that a safe distance (provided by the long handles) is maintained between the user and the housing.

The safety distance between housing and user given by the upper handle must always be observed. Be especially careful when digging and changing direction on slopes and inclines.

Maintain a solid footing and wear sturdy, nonslip footwear and long trousers. Always dig along the incline (not up and down). For safety reasons, the electric tiller may not be used to dig up inclines whose gradient exceeds 15 degrees. Use special caution when backing up and pulling the implement (tripping hazard)!

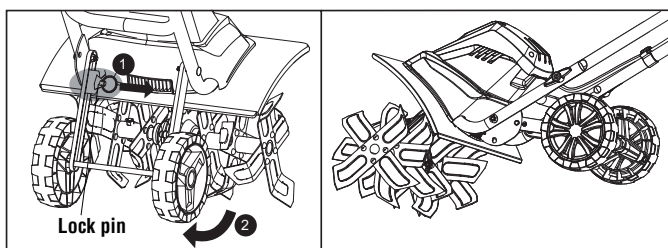


TIPS FOR PROPER OPERATION

Always guide the machine slowly and wisely forward. Dig up the area in straight lines. Let the tracks overlap slightly to not miss any rows to dig. Only use the machine to dig up already loosened soil.

TRANSPORT

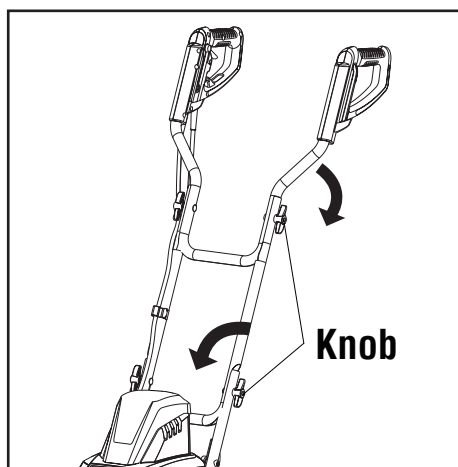
Always pull out the power cord before transporting! Pull the lock pin. You can now move the wheels to the lower position. Make sure that the lock pin engages again in the lower position.



ATTENTION!

The wheels must be fixed in the upper position during operation!

For storage or transport in a limited space, proceed as follows: Loosen the knobs until you can fold the handles forward. Attention! Danger of crushing your fingers. Once the handles are folded you can move the machine using the middle handle or store it in a limited space.



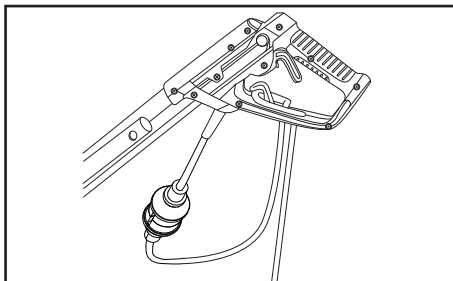
CONNECTING TO POWER SUPPLY

NOTE: Before using this machine, make sure that the power source you will use complies with the specifications detailed in this manual.

WARNING!

Carelessness, mishandling or error on the part of the operator may result in bodily injury (e.g.: amputation, projectile impact), or death. The tiller must be operated according to the warnings and guidelines in this manual.

1. Connect the electric tiller to a working 120 V outlet using a heavy-duty outdoor extension power cord.
2. Make a loop in the extension cord and push it up through the hole in the handle and around the cord restraint hook, then connect the extension cord to the appliance cord.

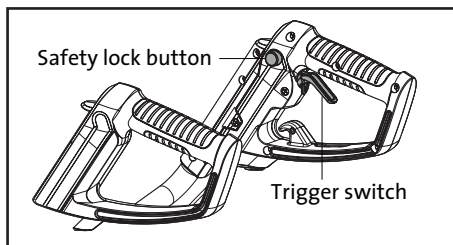


POWERING ON AND OFF

WARNING!

Rotating blades may cause serious injury. The blades will continue to turn for a few seconds after the tool has been switched OFF. Do not touch the rotating blades. Contact with hot components (i.e. motor housing, gear box, etc.) on the machine may cause burns. Allow the machine to cool before handling.

1. To turn the tool ON, push and hold the safety lock button with your thumb and then squeeze the trigger switch with your fingers. Once the tool is running, release the safety lock button.



2. To switch OFF, release the trigger switch.

OPERATING TIPS

- Before each use, check the product, its power cord and plug, and any other accessories for damage. Do not use the product if it is damaged or shows wear.
- Double check that the accessories and attachments are properly fitted.
- Always hold the product by its handles. Keep the handles dry to ensure a secure grip.
- Ensure that the air vents are always unobstructed and clear. Clean them if necessary with a soft brush. Blocked air vents may lead to overheating and damage the product.
- Switch the product off immediately if you are disturbed while working by other people entering the working area. Always let the product come to a complete stop before averting your attention.
- Do not overwork yourself. Take regular breaks to ensure you can concentrate on the task at hand and have full control over the product.



WARNING!

In some countries, regulations define restrictions for use of such products, including the times and days when operation is permissible. Ask your community for detailed information and observe these regulations in order to preserve a peaceful neighborhood and avoid committing administrative offences.

TILLING

- Make sure that the work area is clear of stones, sticks, wire, or other objects that could damage the product or its motor.
- Do not till very wet soil because wet soil tends to stick to the working tool, preventing proper blade rotation; it could also cause you to slip and fall.
- Always maintain a firm grip on the product. For better guidance, apply light pressure to the handles.

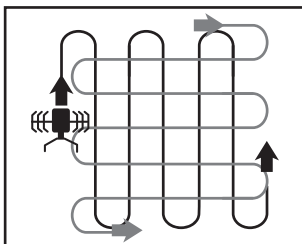


WARNING!

Do not place hands, feet, or any other part of the body or clothing near the rotating blades or any other moving part. The blades begin to rotate forward once the trigger switch is depressed. The blades continue to rotate until the trigger switch is released. Failure to avoid contact with the rotating blades could cause serious personal injury.

- Do not try to till too deeply or force the product into soil that is extremely hard or resistant.
- Walk the product through the soil at a normal pace and in as straight a line as possible.

- Till in slightly overlapping rows. To till most effectively, follow the pattern indicated. Start by moving the tiller up and down in vertical lines, then work horizontally from left to right. This will keep the rows even and ensure that all the ground is tilled without missing any spots.



- Pay special attention when changing direction. Apply light pressure to the handle in order to lift the blades and facilitate the turn. Turn the product around using the wheels as a guide. Gradually release pressure on the handle and move the blades back to the ground.

**WARNING!**

Stop the motor if the product strikes a foreign object. Switch the product off, disconnect it from the power supply, and let it cool completely. Inspect the product thoroughly for damage and have any damage repaired before restarting.

Extensive vibration of the product during operation is an indication of damage. Immediately stop the motor and promptly inspect and repair the tool.

AFTER USE

- Switch the product off, disconnect it from the power supply, and let it cool completely.
- Check, clean, and store the product as described below.

CARE MAINTENANCE



WARNING!

Always switch the product off, disconnect the product from the power supply, and let the product cool completely before inspecting, cleaning, or performing any other maintenance task.

- Keep the product clean. Remove any debris after each use and before storage.
- Regular and proper cleaning will help ensure safe use and prolong the life of the product.
- Inspect the product before each use for worn and damaged parts. If you find broken and/or worn parts, do not use the tool.



WARNING!

Only perform the repairs and maintenance work described in this manual. Any other work must be performed by a qualified technician.

GENERAL CLEANING

- Clean the product with a dry cloth. Use a brush for areas that are hard to reach.
- Be sure to clean the air vents after every use with a cloth and brush.
- Remove stubborn dirt with high pressure air (max. 3 bar).

NOTE: Do not use chemical, alkaline, abrasive, or other aggressive detergents or disinfectants to clean this product as such substances might damage the tool's surfaces.

CLEANING THE UNDERBODY WORKING TOOL



WARNING!

Wear safety gloves when working on or near the working tool. Use appropriate tools (e.g., a wooden stick) when necessary; never use your bare hands!

- Keep the underbody and blades clean and free of debris. Use a brush or another implement to remove soil from the working tool.
- All nuts and bolts must be checked periodically for tightness before operation. After prolonged use, especially in sandy soil conditions, the working tool will become worn and lose some of its original shape. Tilling efficiency will be reduced and the working tool should be replaced.
- Have worn or damaged working parts replaced with new ones of the same type by a qualified technician.
- To prolong the life span of the working tool and the product, lubricate the blades after each use.

CLEANING AND MAINTENANCE



DANGER!

Always pull out the main power plug before starting any cleaning work.

CLEANING

Keep all safety devices, air vents and the motor housing free of dirt and dust as far as possible. Wipe the equipment with a clean cloth or blow it with compressed air at low pressure. We recommend that you clean the device immediately each time you have finished using it.

Clean the equipment regularly with a moist cloth and some soft soap. Do not use cleaning agents or solvents; these could attack the plastic parts of the equipment. Ensure that no water can seep into the device. The ingress of water into an electric tool increases the risk of an electric shock. Carbon brushes In case of excessive sparking, have the carbon brushes checked only by a qualified electrician.



DANGER!

The carbon brushes should not be replaced by anyone but a qualified electrician.

MAINTENANCE

- A worn out or damaged cutting unit should be replaced by an authorised expert.
- Take care that all fastening elements (screws, nuts, etc.) are firmly tightened, so that you can work safely with the electric tiller.
- Store the Electric Tiller in a dry place.
- For longer life, all screw-fastened parts, such as wheels and axles should be cleaned and subsequently oiled.
- Regular servicing of the implement not only secures longer endurance and performance, it also contributes to an accurate and simple dig up of your bed.
- At the end of the season, carry out a general check of the electric tiller, and remove all residue collected. Before the start of every season, it is absolutely necessary to check the state of the machine. Contact our Customer Service if repair work is necessary.

STORAGE

- Examine the extension cord thoroughly for signs of excess wear or damage. If it is worn or damaged, replace it immediately.
- Disconnect the extension cord from the electric tiller before storing.
- Allow the motor to completely cool down before storing the tiller.
- Clean the product as described above.
- Store the product and its accessories in a dark, dry, frost-free, and well-ventilated place.
- Always store the product in a place that is inaccessible to children.
- The ideal storage temperature is between 50°F (10°C) and 86°F (30°C).
- Do not cover the machine with a plastic bag. This may cause moisture build-up.
- We recommend using the original package for storage or covering the product with a suitable cloth or enclosure to protect it against dust.

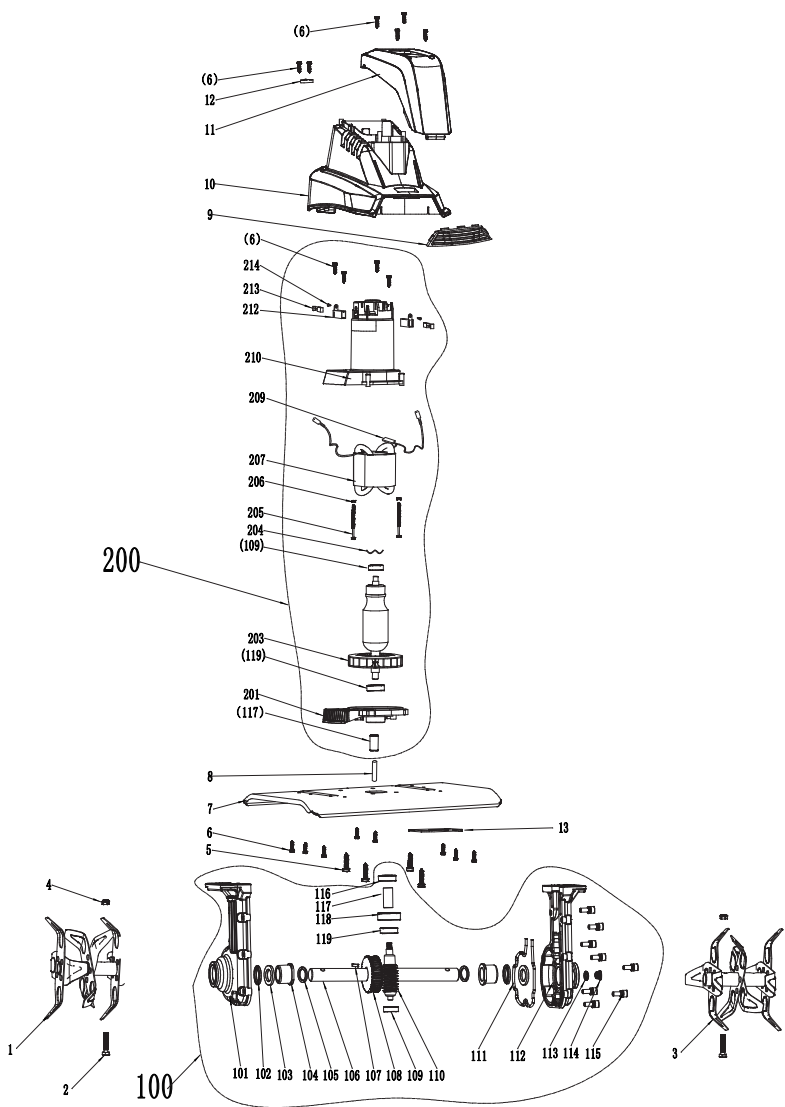
RECYCLING DISPOSAL

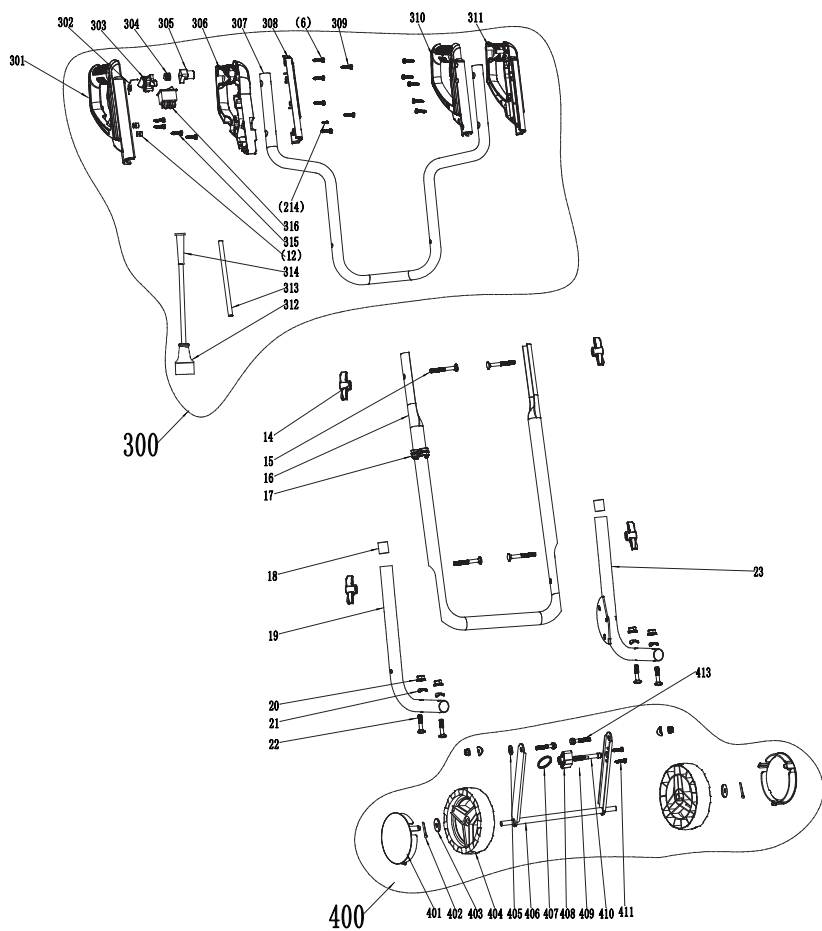
The product comes in a package that protects it against damage during shipping. Keep the package until you are sure that all parts have been delivered and the product is functioning properly. Recycle the package afterwards or keep it for long-term storage.



WEEE symbol. Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or local store for recycling regulations.

EXPLODED VIEW





PARTS LIST

Number	Part sku	Part Name	Quantity
1	BVA0031001	Blade assembly (right)	1
2	BVA0031002	Screw bolt	2
3	BVA0031003	Blade assembly (left)	1
4	BVA0031004	Locknut	2
5	BVA0031005	Screw	4
6	BVA0031006	Screw	15
7	BVA0031007	Guard plate	1
8	BVA0031008	Connection shaft	1
9	BVA0031009	Decorative cover-1	1
10	BVA0031010	Main housing	1
11	BVA0031011	Housing cover-A	1
12	BVA0031012	Cable fix board	1
13	BVA0031013	No.1 Sponge	1
14	BVA0031014	Knob	4
15	BVA0031015	Coach screw	4
16	BVA0031016	Middle handle	1
17	BVA0031017	Cable clamp	1
18	BVA0031018	Rod plug	2
19	BVA0031019	Lower handle	2
20	BVA0031020	Locknut	6
21	BVA0031021	Ø6 wave washer	6
22	BVA0031022	Coach screw	4
23	BVA0031023	Rod welding wheel adjusting plate	1
100	BVA0031100	Gear box assembly	1
101	BVA0031101	Gear box right	1
102	BVA0031102	Sealing ring baffle	2
103	BVA0031103	Sealing ring	2
104	BVA0031104	Bearing	2
105	BVA0031105	Washer	2
106	BVA0031106	Worm gear shaft	1
107	BVA0031107	Flat key	1
108	BVA0031108	Worm gear	1
109	BVA0031109	Bearing	1

110	BVA0031110	Worm gear	1
111	BVA0031111	Gearbox sealing strip	1
112	BVA0031112	Gear box left	1
113	BVA0031113	"O" ring	1
114	BVA0031114	Screw	1
115	BVA0031115	Screw	8
116	BVA0031116	Sealing ring	1
117	BVA0031117	Splined hub	1
118	BVA0031118	Bearing	1
119	BVA0031119	Bearing	1
200	BVA0031200	Motor assembly	1
6	BVA0031006	Screw	4
117	BVA0031117	Splined hub	1
201	BVA0031201	Motor frame	1
202	BVA0031202	No.2 sponge	1
119	BVA0031119	Bearing	1
203	BVA0031203	Rotor assembly	1
109	BVA0031109	Bearing	1
204	BVA0031204	Wave washer	1
205	BVA0031205	Screw	2
206	BVA0031206	Elastic gasket	2
207	BVA0031207	Stator assembly	1
209	BVA0031209	Thermal protector	1
210	BVA0031210	Motor housing	1
212	BVA0031212	Carbon brush holder	2
213	BVA0031213	Carbon brush	2
214	BVA0031214	Screw	2
300	BVA0031300	H shape switch assembly	1
301	BVA0031301	Main handle left	1
302	BVA0031302	Trigger spring	1
303	BVA0031303	Trigger	1
304	BVA0031304	Handle button spring	1
305	BVA0031305	Switch button	1
306	BVA0031306	Main housing right	1
307	BVA0031307	Upper handle	1

308	BVA0031308	Handle press plate	1
6	BVA0031006	Screw	20
309	BVA0031309	Screw	2
310	BVA0031310	Secondary handle right	1
311	BVA0031311	Secondary handle left	1
312	BVA0031312	Power cord & plug	1
313	BVA0031313	Connect power cord	1
314	BVA0031314	Power cord sleeve	1
12	BVA0031012	Cable pressplate	2
315	BVA0031316	Screw	4
316	BVA0031317	Rocker switch	1
214	BVA0031214	Screw	1
400	BVA0031400	Wheel assembly	1
401	BVA0031401	Wheel cover	2
402	BVA0031402	R pin	2
403	BVA0031403	Ø10 flat key	2
404	BVA0031404	Wheels	2
405	BVA0031405	Ø6 washer	1
406	BVA0031406	Wheel holder assembly	1
407	BVA0031407	Release ring	1
408	BVA0031408	Wheel adjust bracket	1
409	BVA0031409	Iron wheel adjust spring	1
410	BVA0031410	Iron wheel adjust shaft	1
411	BVA0031411	Screw	2
412	BVA0031412	Wheel bracket limit sleeve	2
413	BVA0031413	Screw	2

BENCHMARK ELECTRIC TILLER 13.5 A WARRANTY

If this Benchmark tool fails due to a defect in material or workmanship within five years from the date of purchase, return it to any Home Hardware store with the original bill of sale for exchange. This warranty does not include expendable parts including but not limited to blades, brushes, belts, light bulbs and/or batteries. This warranty covers defects in material or workmanship only. It does not cover normal wear and tear, failure due to abuse/misuse, or defects caused by careless or accidental mishandling. If this Benchmark product is used for commercial or rental purposes, this warranty does not apply.

ELECTRIC TILLER 13.5A



5 Year Limited Warranty

BENCHMARK™
MC

BENCHMARK TOOLS CANADA
ST. JACOBS, ONTARIO N0B 2N0
© 2022 Home Hardware Stores Limited

CUSTOMER SERVICE/TECH SUPPORT
1-833-818-4111

5140-009

Made in China



* This Benchmark™ product carries a five (5) year LIMITED warranty against defects in workmanship and materials. See Owner's Manual for full details.



**READ ALL INSTRUCTIONS BEFORE FIRST USE.
KEEP THIS MANUAL FOR FUTURE REFERENCE.
KEEP AWAY FROM CHILDREN.**



**WEAR CSA APPROVED
EYE PROTECTION**



**WEAR EAR
PROTECTION**



**WEAR A
FACE MASK**