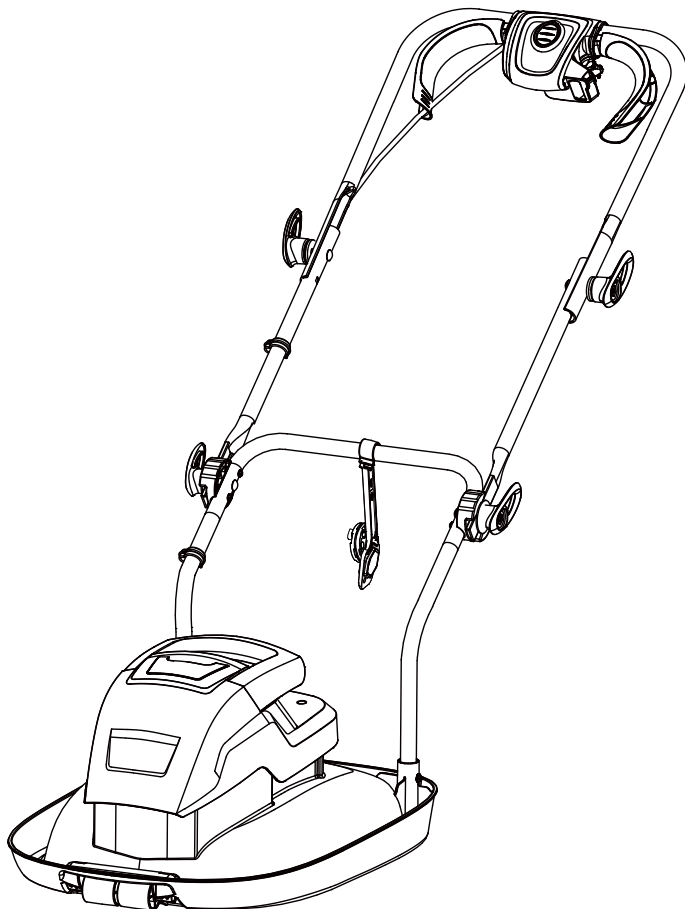



LawnMaster[®]

Instruction Manual

33cm 1500W Hover Mower MEH1533M



Original Instructions

 **WARNING:** Read all safety instructions carefully before assembling and operating this machine. Ensure the machine has been assembled correctly and safely. Keep the instructions safe and pass them on to any subsequent user so that the information is always available.



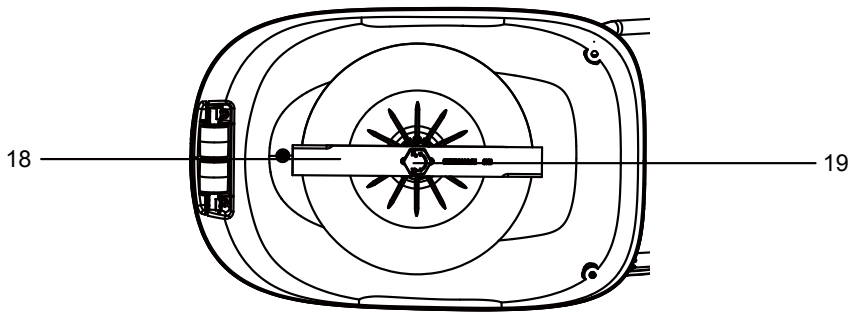
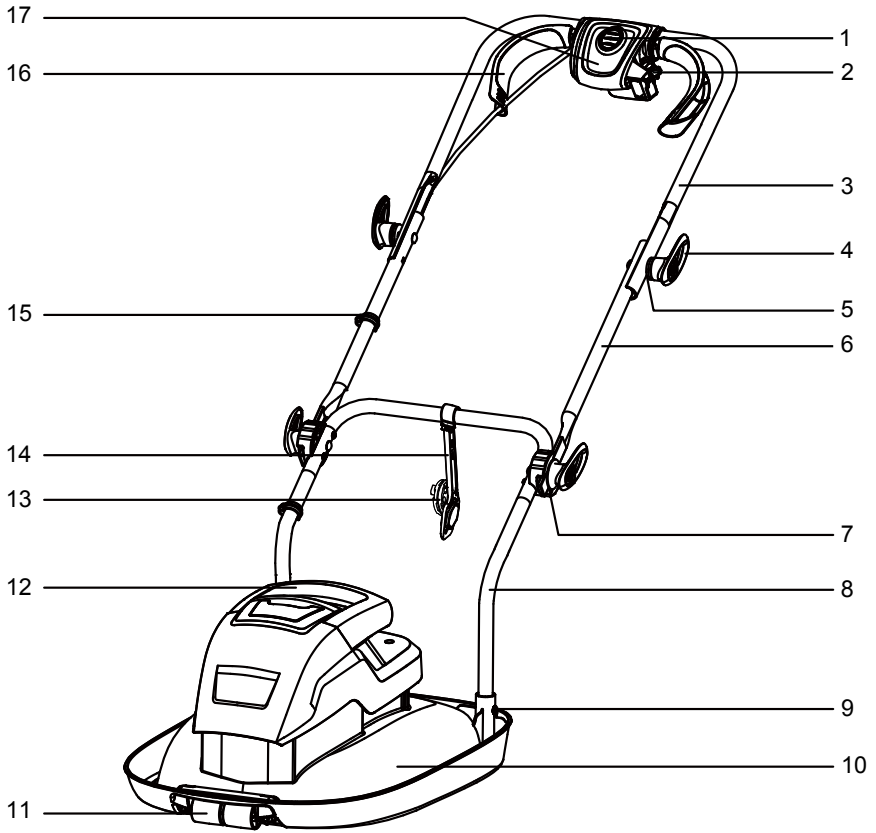
















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SYMBOLS

The following warning symbols appear throughout this manual and indicate the appropriate safety measures you should take when operating and maintaining the appliance.

SYMBOL	DESIGNATION/EXPLANATION
	Caution
	Read instruction manual.
	Keep bystanders away.
	Beware of sharp blades. Blades may continue to rotate after the motor is switched off. Beware of injury to toes or fingers.
	Switch off the motor and disconnect the plug before carrying out maintenance or repair work or if the power cable is caught or damaged.
	Wear eye and ear protection.
	Do not expose to rain.
	Wait until all moving parts have stopped completely before touching them. The blade may continue to rotate after the machine is switched off, a rotating blade can cause injury.
	WARNING! Beware of electric shocks.
	Keep the power cable away from the cutting blade!
	Cutting circle
	Protection class II (Double insulation)
	Noise level specification L_{WA} in dB.
	Electrical appliances must not be disposed of with the domestic waste.

SYMBOLS



WARNING

To avoid serious personal injury, do not attempt to use this product until you read thoroughly and understand completely the instruction manual.

If you do not understand the warnings and instructions in the instruction manual, do not use this product.

SAFETY INFORMATION



IMPORTANT

When using equipment, the following safety precautions must be followed to avoid injuries and damage:

- Read all operating instructions carefully and comply with them. It is important to understand these instructions and to acquaint yourself with the machine, its correct usage and all safety requirements.
- Keep this manual in a safe place so that the information is available to the operator at all times.
- If you give the equipment to any other person, give them these operating instructions as well.
- We accept no liability for damage or accidents which result from non-compliance with these instructions.

The device must not be used by people (including children) with limited physical, sensory or mental capabilities or who lack the necessary experience and/or knowledge - other than they are supervised by a person responsible for safety or are being instructed to operate the appliance by such a person. Children should be supervised to ensure that they do not play with the appliance.

- Read the instructions carefully. Be familiar with the controls and the correct use of the lawn mower.
- Never allow children or people unfamiliar with these instructions to use the mower. Local regulations may restrict the age of the operator.
- Never operate the machine while people, especially

SAFETY INFORMATION

children, or pets are nearby.

- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.
- While operating the mower always wear substantial footwear and long trousers. Do not operate the mower when barefoot or wearing open toed sandals. Avoid wearing clothing that is loose fitting or that has hanging cords or ties.
- Thoroughly inspect the area where the mower is to be used. Remove all stones, sticks, and other objects that could be tripped over or thrown by the blade. Thrown objects can cause serious personal injury.
- Before using, always visually inspect to see that the blade, blade bolt and the blade assembly are not worn or damaged. Replace worn or damaged components in sets to preserve balance. Replace damaged or unreadable labels.
- Before use check the power supply and extension cord for signs of damage or aging. If the cord becomes damaged during use, disconnect the cord from the supply immediately. **DO NOT TOUCH THE CORD BEFORE DISCONNECTING THE SUPPLY.** Do not use the machine if the cord is damaged or worn.
- Operate the mower only in daylight or in good artificial light.
- Do not use the lawn mower in damp or wet conditions or operate in the rain.
- Working on sloping areas can be dangerous. Do not mow on excessively steep slopes. Always be sure of your footing on slopes or wet grass.

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- Walk, never run.
- Switch off the motor and disconnect the plug before carrying out any inspection, servicing or maintenance work.
- Ensure that all the guards are securely fitted and in good working order.
- Mow across the face of slopes, never up and down.
- Exercise extreme caution when changing direction on slopes.
- Use extreme caution when reversing or pulling the mower towards you.
- Stay Alert: Do not operate the mower when you are tired. Pay attention to what you are doing.
- Do not operate the mower while under the influence of alcohol or drugs.
- Stop the blade(s) if the machine has to be tilted for transportation when crossing surfaces other than grass, and when transporting the machine to and from areas to be mowed.
- Switch on the motor carefully according to instructions and with feet well away from the blade(s).
- Do not tilt the machine when starting or switching the motor on, except if the machine must be tilted for starting in long grass. In this case, do not tilt it more than absolutely necessary and tilt only the part which is furthest away from the operator. Always ensure that both hands are in the operating position on the handle before returning the machine to the ground.
- Do not start the machine when standing in front of the discharge opening.
- Do not put hands or feet near or under rotating parts. Keep

SAFETY INFORMATION

clear of the discharge opening at all times.

- Never pick up or carry the machine while the motor is running.
- Do not overreach. Keep proper footing and balance at all times.
- Do not use a machine if the switch does not turn it on and off. Any machine that cannot be controlled with the switch is dangerous and must be repaired.
- In case any of the following situations occur, stop the mower and remove plug from the socket. Make sure that all moving parts have come to a complete stop:
 - Whenever you leave the mower,
 - Before clearing blockages,
 - Before checking, cleaning or working on the mower,
 - After striking a foreign object. Inspect the mower for damage and make repairs before restarting and operating the mower.
- If the mower starts to vibrate abnormally (check immediately)
 - Inspect for damage,
 - Replace or repair any damaged parts,
 - Check for and tighten any loose parts.
- Keep all nuts, bolts and screws tight to be sure that the mower is in a safe condition for use.
- Be careful during adjustment of the mower to prevent entrapment of the fingers between moving blade and fixed parts of the machine.
- Always allow the mower to cool down before storing.
- When servicing the blade be aware that, even though the power source is switched off, the blade can still be moved.

SAFETY INFORMATION

- Replace worn or damaged parts for safety. Use only genuine replacement parts and accessories.
- Always be alert when using the machine, so that you can recognise and handle risks early. Fast intervention can prevent serious injury and damage to property.
- Switch off and remove the power cord from the plug if there is any malfunction. If necessary have the machine checked by a qualified specialist and repaired before you operate it again.
- **WARNING!** Even if you are operating the machine in accordance with all safety requirements, potential risks of injury and damage remain. The following dangers can arise in connection with the structure and design of this machine:
 - Health defects resulting from vibration emission if the machine is being used over long periods of time or not adequately managed and properly maintained.
 - Injuries and damage to property due to broken application tools or sudden impact of hidden objects during use.
- **WARNING!** This machine produces an electromagnetic field during operation! This field may under some circumstances interfere with active or passive medical implants! To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their doctor and medical implant manufacturer before operating this product!
- The machine should be supplied via a residual current device (RCD) with a tripping current of not more than 30 mA.
- Ensure that the mains voltage matches the specifications on the rating plate.

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- Use only authorised power cables of type H05VV-F, which are no more than 75 m long and suitable for outdoor use. The power cable wire cross section must be at least 2.5 mm². Always completely unroll cable drums before use. Check the cable for damage.
- Keep the power cable away from the cutting tool when working. The cutting blades may damage the power cable and result in contact with live parts. Always run the power cable behind the operator. The extension cable can be accidentally cut. Risk of electric shock!
- Do not use the power cable to pull the plug from the socket. Protect the power cable from heat, oil and sharp edges.
- Switch off the equipment and disconnect the plug from the socket if the power cable is damaged. If the power cable is damaged, it must be replaced by the manufacturer, the customer services of the same, or a qualified person, in order to avoid hazards.
- Do not connect a damaged power cable to the mains. Do not touch a damaged power cable when it is connected to the mains. A damaged power cable may result in contact with live parts.
- Do not attempt to repair the equipment yourself unless you have been trained to do so. Any work not specified in these instructions is to be carried out only by a qualified person.
- Use only spare parts and accessories supplied and recommended by the manufacturer. The use of non-original parts will immediately invalidate the guarantee.
- Do not overload the equipment. Work only within the specified power range and do not change the regulator settings on the motor. Do not use low-powered machines

SAFETY INFORMATION

for heavy work. Do not use your equipment for purposes other than those for which it is designed.

- Do not lift or carry the equipment when the motor is running. Risk of injury from cuts.
- Do not use the equipment near inflammable liquids or gases. Non-observance will result in a risk of fire or explosion.
- Keep the equipment in a dry location and out of reach of children.
- Remove cut material only when the equipment is stopped and disconnected from power supply.
- Do not leave the equipment unattended in the workplace.
- Handle the equipment with care. Keep tools sharp and clean, in order to facilitate better and safer work. Follow the maintenance instructions.

Double Insulation

- Double insulation is a concept in safety in electric power tools, which eliminates the need for the usual three-wire grounded power cord.
- All exposed metal parts are isolated from the internal metal motor components with protecting insulation. Double insulated tools do not need to be grounded.
- **WARNING!** The double insulated system is intended to protect the user from shock resulting from a break in the tool's internal insulation. Observe all normal safety precautions to avoid electrical shock.
- **NOTE:** Servicing of a product with double insulation requires extreme care and knowledge of the system and should be performed only by a qualified technician.

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Electrical Connection

- This product has a precision-built electric motor. It should be connected to a power supply that is 220-240V~50 Hz, AC only (normal household current). Do not operate this product on direct current (DC). A substantial voltage drop will cause a loss of power and the motor will overheat. If the product does not operate when plugged into an outlet, double-check the power supply.

Extension Cords

- When using a power tool at a considerable distance from a power source, be sure to use an extension cord that has the capacity to handle the current the product will draw. An undersized cord will cause a drop in line voltage, resulting in overheating and loss of power.
- Before you connect the mower to the mains supply make sure that data on the rating plate are identical to the mains data. Before using any extension cord, inspect it for loose or exposed wires and cut or worn insulation.
- **WARNING!** Keep the extension cord clear of the working area. Position the cord so that it will not get caught on obstructions while you are working with a power tool. Failure to do so can result in serious personal injury.

SAFETY INFORMATION

Intended Use

This lawnmower is designed for domestic use only:

- This electric lawnmower is intended for mowing lawns in domestic and hobby gardens.
- This product is not to be used in wet weather conditions and may not be used to mow wet or unusually high grass.
- This product is intended for private domestic use only, not for any commercial trade use. It must not be used for any purposes other than those described. Any use of the machine that deviates from its intended use will invalidate the warranty.

IN THE BOX

- | | |
|----------------------------------|---------------------------------|
| 1. Safety Switch Button | 11. Wheel |
| 2. Cable Strain Relief | 12. Carry Handle |
| 3. Upper Handle | 13. Spacer (x3, one pre-fitted) |
| 4. Wing Nut (x4) | 14. Spanner |
| 5. Washer for Upper Handle (x2) | 15. Cable Clip (x3) |
| 6. Middle Handle (x2) | 16. Switch Lever |
| 7. Washer for Middle Handle (x2) | 17. Switch Box |
| 8. Lower Handle | 18. Blade |
| 9. Screw (x2) | 19. Blade Bolt |
| 10. Deck | |

ASSEMBLY

Assembly Preparation

- Carefully remove all contents from the product packaging.
 - Ensure you have all the accessories and tool(s) needed for assembly and operation. This also includes suitable personal protective equipment.
-



WARNING

If any parts are damaged or missing do not operate this product until the parts are replaced. Failure to pay attention to this warning could result in serious personal injury.



WARNING

Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.



WARNING

Never operate the mower without the proper safety devices in place and in working order. Never operate the mower with damaged safety devices. Failure to pay attention to this warning can result in serious personal injury. Make sure all packing is removed from product parts before starting assembly.

Assembling the Lower Handle (See Figs. 1-2)

- Insert the lower handle into the slots on the deck (Fig. 1).
- Fix the lower handle using the enclosed screws (Fig. 2).

Assembling the Middle Handles (See Fig. 3)

- Fit the middle handles and lower handles together with the wing nuts and washers for middle handle on both sides of the handle assembly. Ensure the bolts and wing nuts are assembled in the correct method. Failure to assemble the wing nuts correctly can result in damage to the product (Fig. 3).

Assembling the Upper Handle (See Figs. 4-5)

- Fit the upper handle and lower handle together with the wing nuts and washers for middle handle on both sides of the handle assembly. Ensure the bolts and wing nuts are assembled in the correct method. Failure to assemble the wing nuts correctly can result in damage to the product (Fig. 4).
 - Secure the cable against the handle frame with the supplied cable clips. Ensure the cable is clipped into the cable clips (Fig. 5).
-

OPERATION



WARNING

Do not allow familiarity with this type of product to make you careless. Always pay attention when operating this product, not doing so can result in serious injury.



WARNING

Always wear safety goggles or safety glasses with side shields when operating this product. Failure to do so could result in objects being thrown into your eyes, resulting in possible serious injury.

Adjusting the Cutting Height (See Fig. 6)



WARNING

Switch off the equipment, disconnect the plug from the power supply and wait for the blade to come to a complete stop before adjusting the cutting height. A rotating blade can cause injury.

Before using the mower for the first time, adjust the cutting position to the height best suited for your lawn.

The mower comes with one spacer pre-fitted and can be set to 4 cutting heights between 12mm and 33mm. Choose the appropriate cutting height according to the types and conditions of the grass.

To set the cutting height:

- Stop the motor and allow the blade to come to a complete stop.
- Slowly turn the mower onto its side. Wedge a block of wood between the blade and the mower deck, or use safety gloves to firmly hold the blade to prevent the blade from turning.
- Remove the blade bolt using the spanner provided.
- Remove the washer and the blade.
- To raise the cutting height, remove the required amount of spacers. To lower the cutting height, add the required amount of spacers (Fig. 6).
- Refit the blade as described in Blade Maintenance.
- Spacers that are not being used can be stored on the spanner to prevent loss.

CUTTING POSITION	CUTTING HEIGHT
1 (Non-spacer)	33mm
2 (1 Spacer, pre-assembled)	26mm
3 (2 Spacers)	19mm
4 (3 Spacers)	12mm

OPERATION

- For the first cut each season, a higher cutting setting should be selected. It is recommended to cut longer grass in 2 passes or more. This method will also cause less stress to your grass for a healthier lawn.
- Before you begin to mow, check to ensure that the blade is not blunt and that none of the fasteners are damaged. To prevent any imbalance, replace blunt and/or damaged blades. To carry out this check, first switch off the motor and remove the plug from the power supply.

Starting/Stopping the Mower (See Figs. 7-8)



WARNING

The blade may keep rotating for a few seconds after the device has been switched off. Do not touch the rotating blade. A rotating blade can cause injury.

- Hook the mains cable through the cable strain-relief (Fig. 7).
- Connect the mower to your power supply.
- Before switching the mower on, make sure that the working area is free from debris and foreign objects.
- To switch on, press and hold the safety switch button and gently pull the switch lever towards the upper handle. Once started, release the safety switch button (Fig. 8).
- To power off the mower, release the switch lever.

General Operation

Check the product and accessories for damage before each use. If damage is present or observed, please stop and have mower serviced before use. Do not use the product if it is damaged.

- Double check that the blade is properly installed.
- Always hold the product by its handles. Keep the handle dry to ensure safe support.
- 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.
- Do not overwork yourself. Take regular breaks to ensure you can concentrate on the work and have full control over the product.

Mowing Advice (See Fig. 9)

- Avoid cutting the power cable. It is advised to mow away from the plug socket and avoid twisting the power cord. Mow at a normal walking pace and always overlap tracks by a few centimetres for a gap-free finish.
- Make sure the lawn is clear of stones, sticks, wires, and other objects that could damage the lawn mower blades or motor. Such objects could be accidentally thrown by the mower in any direction and cause serious personal injury to the operator and others.

OPERATION

- When cutting longer grass, cut the grass in two or more passes by lowering the cutting height gradually at each pass. Never cut the grass by more than half its height.
- When cutting dense grass, reduce walking speed to allow for more effective cutting and a proper collection of the clippings.
- Do not cut wet grass as it can stick to the lawn mower and prevent the proper discharge of grass clippings.
- Clean the underside of the mower deck after each use to remove grass clippings, leaves, dirt, and any other accumulated debris.
- Watch for holes, ruts, rocks, hidden objects, or bumps which can cause you to slip or trip. Tall grass can hide obstacles. Remove all objects such as rocks, tree limbs, etc., which could be tripped over or thrown by the blade.
- Always be sure of your footing. A slip and fall can cause serious personal injury. If you feel you are losing your balance, release the start/stop switch lever immediately.
- Slopes are a major factor related to slip and fall accidents that can result in severe injury. Mowing on slopes requires extra caution. If you feel uneasy on a slope, do not mow it. For your safety, do not attempt to mow slopes greater than 15 degrees.
- Do not mow near drop-offs, ditches, or embankments; you could lose your footing or balance.
- We recommend that you mow in overlapping lines for effective grass collection. This will keep the rows even and ensures that all the lawn is cut without missing any spots (Fig. 9).

MAINTENANCE



WARNING

Always switch the product off, disconnect from the power supply and let the product cool down before performing inspection, maintenance and cleaning work!



WARNING

If a part becomes worn or damaged, use manufacturer recommended replacement parts. Use of any other parts may create a hazard or cause product damage.



WARNING

Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

General Maintenance

- Keep all safety devices, air vents and the motor housing free of dirt and dust. Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean, dry cloths to remove dirt, dust, oil, grease, etc.
 - Periodically check all nuts and bolts for proper tightness to ensure safe operation of the mower.
 - Remove any buildup of grass and leaves on or around the motor cover. Wipe the mower clean with a dry cloth occasionally. Do not use water.
-



WARNING

Always wear protective, heavy gloves and/or wrap the cutting edges of the blade with rags when performing blade maintenance. Failure to heed this warning could result in serious personal injury.

Replacing the Mower Blade (See Figs. 10-11)

NOTE: If the blade is blunt, damaged or showing signs of imbalance, it must be replaced. Use recommended replacement blades.

- Stop the motor and disconnect the power supply. Allow the blade to come to a complete stop.
 - Slowly turn the mower onto its side.
 - Wedge a block of wood between the blade and the mower deck, or use safety gloves to firmly hold the blade, in order to prevent the blade from turning when the blade bolt is being removed.
 - Loosen the blade bolt using the spanner provided.
 - Remove the blade bolt anticlockwise, and then remove the washer and the blade (Fig. 10).
 - Reattach the blade and washer onto the spindle (Fig. 11).
 - Ensure that the blade is positioned correctly.
-

MAINTENANCE

- Torque the blade bolt down using the spanner provided to ensure the bolt is properly tightened.

NOTE: Make certain all parts are replaced in the exact order in which they were removed.

Sharpening the Blade (See Fig. 12)

For best mowing performance, the mower blade must be kept sharp. A dull blade does not cut grass evenly and overloads the motor. If your lawn has sandy soil, more frequent sharpening may be required.

- Following the instructions in the “Replacing the Mower Blade” section to remove the mower blade. DO NOT attempt to sharpen the blade while it is attached to the mower.
- Using a fine-tooth file or sharpening stone, sharpen cutting edges on both ends of the blade, removing equal amounts of material from both ends (Fig. 12).



WARNING

When removing, inspect the blade carefully. If the blade is bent or damaged, replace immediately with a new blade. Failure to replace a bent or damaged blade could cause an accident resulting in possible serious injury.

Balancing the Blade (See Fig. 13)

When sharpening, care should be taken to keep the blade balanced. An unbalanced blade will cause excessive vibration when the mower is running. This vibration will eventually cause damage to the mower, especially the motor.

To check the blade balance:

- Clamp a screwdriver horizontally in a vise as shown.

NOTE: If a vise is not available, a straight nail can also be used.

- Place the centre hole of blade on the screwdriver (or nail) (Fig. 13).
- If blade is balanced, it will remain in a horizontal position. If either end of the blade drops downward, sharpen the heavy side until the blade is balanced.

Storing the Mower (See Fig. 14)

The device features the following storage options to save space:

- Before storing your mower, ensure the product is disconnected from the power supply.
 - Loosen the wing nuts on both sides of the handle bars.
 - Fold the upper handle and middle handles assembly over the device housing. Make sure that the cables do not become trapped (Fig. 14).
 - Store the mower indoors in a cool, dry location out of the reach of children.
 - Allow the motor to cool before storing the equipment in a confined space.
-

TROUBLESHOOTING



WARNING

Only perform the steps described within these instructions! All further inspection, maintenance and repair work must be performed by a qualified specialist.

Gloves and appropriate protective clothing must be worn when performing these instructions.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Mower fails to operate.	Possible clogging.	Check underneath the mower and clear as necessary (always wear gardening gloves).
	The grass is too long.	Increase the height of cut and tilt garden product to reduce the starting load.
	There is a short delay in the motor starting after engaging the switch lever.	This is normal. Hold the switch lever for 1-3 secs to start the motor.
	Tripped circuit breaker in the house.	Reset house circuit breaker. If it trips again, call a qualified electrician.
	The power is off.	Check the socket, fuse, cable, wire and plug and have any repairs carried out by a qualified electrician.
	Defective switch lever or safety switch button.	Repair by a qualified personal.
Garden product functions intermittently.	Motor protector has activated.	Allow the motor to cool and increase the height of cut.
Lawnmower leaves ragged cut.	Height of cut is too low.	Increase the height of cut.
	Cutting blade is blunt.	Replace the blade.
Poor cutting or motor labours.	Possible clogging.	Check underneath the mower and clear out as necessary (always wear gardening gloves).
Area of cut is not large enough.	Height of cut is too low.	Increase the height of cut and walk slower.
	The grass is too high.	Increase the height of cut and walk slower.
	The grass is wet or damp.	Wait until the grass is dry and walk slower.
	The grass is dense.	Increase the height of cut, walk slower and cut more frequently.

TROUBLESHOOTING

The cutting blade is not rotating while the garden product is switched on.	The cutting blade is obstructed.	Switch off the garden product and clear obstruction (always wear gardening gloves).
	The blade bolt is loose.	Tighten the blade bolt.
Excessive vibrations/noise.	The blade bolt is loose.	Tighten the blade bolt.
	Cutting blade is damaged.	Replace the blade.

TECHNICAL DATA

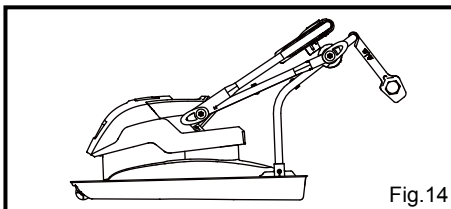
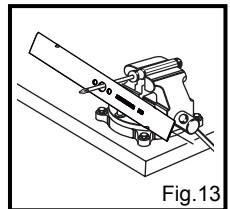
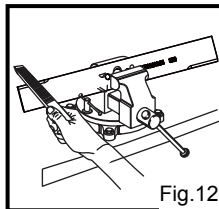
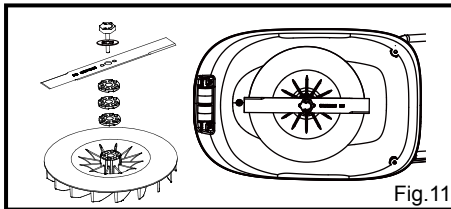
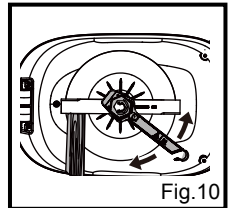
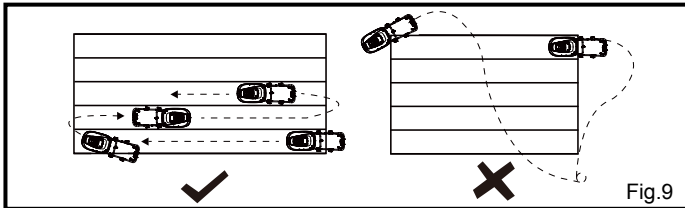
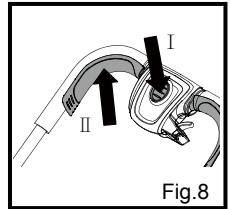
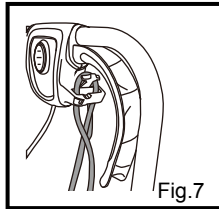
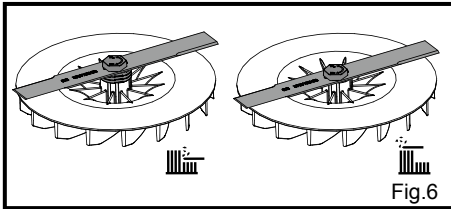
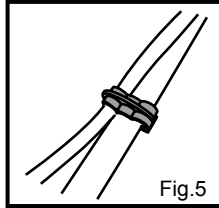
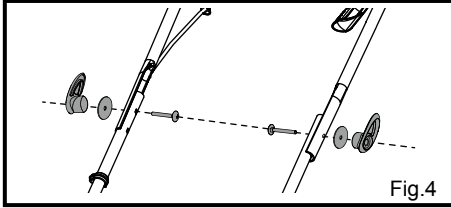
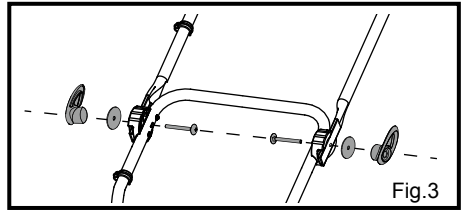
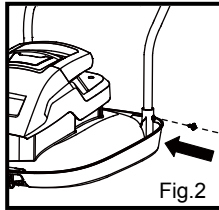
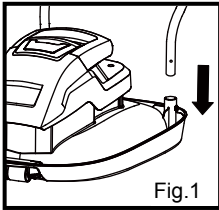
Hover Mower MEH1533M

Model	MEH1533M
Power	1500W
No Load Speed	4300/min
Cutting Width	33cm
Cutting Height Adjustment	12/19/26/33mm (4 Positions)
Weight	8.75kg
Sound Pressure Level (L_{pA})	74.3dB(A) K=1.89dB
Sound Power Level (L_{WA}) Guaranteed	96dB(A)
Sound Power Level (L_{WA}) Measured	94.3dB(A) K=1.89dB
Vibration (a_r)	2.8m/s ² K=1.4m/s ²
Protection Class	□ / II

RECYCLING AND DISPOSAL



This marking indicates that this product should not be disposed with other household wastes throughout the EU. The machine must be delivered in rigid packaging to avoid damage during transportation. The packaging and the machine itself are manufactured from recyclable materials and should be disposed of accordingly.



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