







Intended use

Your BLACK+DECKER BEMWH551 Hover mower has been designed for mowing grass. This appliance is intended for consumer use only.

Safety instructions

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

- ◆ Read all of this manual carefully before using the appliance.
- ◆ The intended use is described in this manual.
The use of any accessory or attachment or the performance of any operation with this appliance other than those recommended in this instruction manual may present a risk of personal injury.
- ◆ Retain this manual for future reference.

Training

- ◆ Read the instructions carefully. Be familiar with the controls and the proper use of the appliance.
- ◆ Never allow children or people unfamiliar with these instructions to use the machine. Local regulations can restrict the age of the operator.
- ◆ Never operate the machine while people, especially 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.

Preparation

- ◆ While operating the machine always wear substantial footwear and long trousers.
Do not operate the machine when barefoot or wearing open sandals. Avoid wearing clothing that is loose fitting or that has hanging cords or ties.
- ◆ Thoroughly inspect the area where the machine is to be used and remove all objects which can be thrown by the machine.
- ◆ 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 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.
- ◆ Wear safety glasses or goggles when operating this tool.
Use a face or dust mask whenever the operations take place in dusty surroundings. Hearing protection should be worn whenever the sound level seems uncomfortable.
- ◆ Guard against electric shock.

Prevent body contact with earthed or grounded surfaces (e.g. metal railings, lampposts, etc.).

Operation

- ◆ Never operate the appliance with defective guards or shields, or without **safety devices, for example deflectors and/or grass catchers**, in place.
 - ◆ Only use the appliance in daylight or good artificial light.
 - ◆ Do not expose the appliance to rain. Do not use the appliance in damp or wet conditions. Preferably do not use the appliance in wet grass.
 - ◆ Be sure of your footing, particularly on slopes. Be aware that freshly cut grass is damp and slippery. Do not work on steep slopes.
 - ◆ Work across the face of slopes, never up and down. Take extreme caution when changing direction on slopes.
 - ◆ Do not mow excessively steep slopes.
 - ◆ Walk, never run when using the appliance. Do not pull the appliance towards you or walk backwards when using the appliance.
 - ◆ Switch on the appliance according to instructions and with your feet well away from the blade.
 - ◆ Do not start the machine when standing in front of the discharge opening.
 - ◆ Do not tilt appliance when switching it on, except if the appliance has to be tilted for starting.
- In that case, do not tilt the appliance more than absolutely necessary and lift only the part that is away from the operator. Always ensure that both hands are in the operating position before returning the appliance to the ground.
- ◆ Switch off the appliance and wait for the blade assembly to stop running if the appliance has to be tilted for transportation when crossing surfaces other than grass, and when transporting the appliance to and from the area to be mowed.
 - ◆ Do not lift or carry the appliance until the blade has come to a complete standstill.
 - ◆ Keep your hands and feet well away from the blade.
 - ◆ Do not put your hands or feet near or under rotating parts.
 - ◆ Keep away from discharge openings at all times.
 - ◆ Switch off, remove the plug from the socket and ensure that moving parts have stopped rotating before leaving the appliance unattended and before changing, cleaning or inspecting any parts of the appliance or clearing a blockage. After striking a foreign object. Inspect the machine for damage and make repairs before restarting and operating the machine;
 - ◆ If the appliance starts to vibrate abnormally or if you hit a foreign object, switch the appliance off and remove the plug from the socket.

Check for any damage to the appliance, replace or repair any damaged parts, check for and tighten any loose parts.

- ◆ Take care to keep the mains cable away from the blade. Always be aware of the position of the cable.
- ◆ The motor will continue to run for a few seconds after switching the appliance off. Never attempt to force the blade to come to a standstill.

Maintenance and storage

- ◆ Before use, check the appliance for damaged or defective parts. Check for misalignment and seizure of moving parts, breakage of parts, damage to guards and switches and any other conditions that may affect its operation. Ensure that the appliance will operate properly and perform its intended function. Never use the appliance when any guard or enclosure is damaged or not in place. Do not use the appliance if any part is damaged or defective. Do not use the appliance if the switch does not turn it on and off.
Have any damaged or defective parts repaired or replaced by an authorised repair agent.
- ◆ Check the cable frequently for damage. If the cable is damaged, it must be replaced by an authorised repair agent in order to prevent a hazard. Inspect extension cables periodically. Replace a damaged extension cable immediately.

- ◆ Keep all nuts, bolts and screws on the appliance tight to ensure a safe working condition.
- ◆ Check the grass collector for wear or damage and replace it if necessary. Never use the appliance without the grass collector.
- ◆ Be careful during adjustment of the machine to prevent entrapment of the fingers **between moving blades and fixed parts of the machine**.
- ◆ When servicing the blades be aware that, even though the power source is switched off, the blades can still be moved.
- ◆ When not in use, the appliance should be stored in a dry place. Children should not have access to stored appliances.
- ◆ Always allow the machine to cool down before storing.
- ◆ Ensure that only replacement cutting means of the right type are used.
- ◆ Use only BLACK+DECKER recommended spare parts and accessories.

Additional safety instructions for Hover mowers

- ◆ Always use an approved extension cable suitable for the power input of this tool (see technical data). The extension cable must be suitable for outdoor use and marked accordingly. Up to 30 m of 1.5 mm² HO5VV-F extension cable can be used without loss of product performance.

Before use, inspect the extension cable for signs of damage, wear and ageing. Replace the extension cable if damaged or defective. When using a cable reel, always unwind the cable completely.

- ◆ Do not transport the machine while the power source is running
- ◆ Firmly grip handle with both hands when operating the hover mower.
- ◆ If at any time it is felt necessary to tilt the hover mower, make sure that both hands remain in the operating position while the hover mower is tilted. Keep both hands in the operating position until the hover mower is returned to rest correctly on the ground.
- ◆ Never wear radio or music headphones while operating the hover mower.
- ◆ Never attempt to make a wheel height adjustment while the motor is running or while the safety key is in the switch housing.
- ◆ If the hover mower stalls, turn mower off, wait for blade to stop, before attempting to unclog the chute or remove anything from under the deck.
- ◆ Keep hands and feet away from cutting area.
- ◆ Keep blades sharp.
Always use protective gloves when handling the hover mower blade.
- ◆ If you are using the grass collector, check it frequently for wear and deterioration. If excessively worn, replace with a new grass collector for your safety.

- ◆ Use extreme caution when reversing or pulling the hover mower towards you.
- ◆ Do not put hands or feet near or under the hover mower.
Keep clear of the discharger opening at all times.
- ◆ Clear the area where the hover mower is to be used of objects such as rocks, sticks, wire, toys, bones etc., which could be thrown by the blade.
Objects struck by the blade can cause severe injury to persons. Stay behind the handle when the motor is running.
- ◆ Do not operate the hover mower barefooted or while wearing sandals. Always wear substantial footwear.
- ◆ Do not pull hover mower backward unless absolutely necessary. Always look down and behind before and while moving backward.
- ◆ Never direct discharged material toward anyone. Avoid discharging material against a wall or obstruction. Material may ricochet back toward the operator. Release the start handle to turn the hover mower off and stop the blade when crossing gravel surfaces.
- ◆ Do not operate the hover mower without the entire grass collector, discharge guard, rear guard, or other safety protective devices in place and working. Periodically check all guards and safety protective devices to ensure they are in good working order and will operate properly and perform their intended function.

Replace a damaged guard or other safety device before further use.

- ◆ Never leave a running hover mower unattended.
- ◆ Always release the bail bar to stop the motor and wait until the blade comes to a complete stop before cleaning the hover mower, removing the grass bag, unclogging the discharge guard, when leaving the hover mower, or before making any adjustments, repairs or inspections.
- ◆ Operate hover mower only in daylight or good artificial light when objects in the path of the blade are clearly visible from the operating area of the hover mower.
- ◆ Do not operate the hover mower while under the influence of alcohol or drugs, or when you are tired or ill. Always stay alert, watch what you are doing, and use common sense.
- ◆ Avoid dangerous environments. Never operate the hover mower in damp or wet grass, never use hover mower in the rain. Always be sure of your footing, walk, never run.
- ◆ If the hover mower should start to vibrate abnormally, release the on/off switch, wait for the blade to stop and then check for the cause immediately. Vibration is generally a warning of trouble, see the troubleshooting guide for advice in the case of abnormal vibration.
- ◆ Always wear proper eye and respiratory protection when operating the hover mower.
- ◆ The use of any accessory or attachment not recommended for use with this hover mower could be hazardous. Only use accessories approved by BLACK+DECKER.
- ◆ Never overreach while operating the hover mower. Always be sure to keep proper footing and balance at all times while operating the hover mower.
- ◆ Mow across the face of slopes, never up and down. Exercise extreme caution when changing direction on slopes.
- ◆ Watch for holes, ruts, bumps, rocks or other hidden objects. Uneven terrain could cause a slip and fall accident. Tall grass can hide obstacles.
- ◆ Do not mow on wet grass or excessively steep slopes. Poor footing could cause a slip and fall accident.
- ◆ Do not mow near drop-offs, ditches, or embankments. You could lose your footing or balance.
- ◆ Always allow the mower to cool down before storing.

Pull the plug from the socket and pull the battery pack from the machine. Make sure that all moving parts have come to a complete stop:

- ◆ Whenever you leave the machine;
- ◆ Before clearing a blockage;
- ◆ Before checking, cleaning or working on the appliance.

Vibration

The declared vibration emission values stated in the technical data and the declaration of conformity have been measured in accordance with a standard test method provided by EN50636 and may be used for comparing one tool with another. The declared vibration emission value may also be used in a preliminary assessment of exposure.

Warning! The vibration 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. Do not operate the tool if the vibration registers as abnormal.

Safety of others

- ◆ This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- ◆ Children must be supervised to ensure that they do not play with the appliance.
- ◆ After striking a foreign object. Inspect the appliance for damage and make repairs as necessary.

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 moving parts.
- ◆ Injuries caused by touching any hot parts.
- ◆ Injuries caused when changing any parts or accessories.
- ◆ Injuries caused by prolonged use of the appliance.
When using any appliance 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.)
- ◆ If operating the mower in a damp location is unavoidable, use a residual current device (RCD) with a tripping current of not more than 30 mA.

Use of an RCD reduces the risk of electric shock.

- ◆ Never pick up or carry an appliance while the motor is running.

Warning symbols

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



Warning! Read the manual prior to operation.



Wear safety glasses or goggles when operating this appliance.



Wear suitable ear protectors when operating this appliance.



Do not expose the appliance to rain or high humidity.



Always remove the plug from the socket before cleaning or maintenance. Be careful not to use your appliance if the cable is damaged.



Disconnect the mains plug if the cord becomes damaged or entangled.



Beware of flying objects. Keep bystanders away from the cutting area.



Keep the cable away from the cutting blades.



The blades will continue to rotate after the machine is switched off. Wait until all parts are stationary before touching them.



Keep bystanders, especially children and pets at a distance of greater than 6m



Avoid injury, do not place hands or feet near the rotating blade



Directive 2000/14/EC guaranteed sound power.

Electrical safety



Warning! This tool is double insulated; therefore no earth wire is required.

Always check that the power supply corresponds to the voltage on the rating plate.

- ◆ 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.
- ◆ Electric safety can be further improved by using a high sensitivity 30 mA Residual Current Device (RCD).

Features

This appliance includes some or all of the following features.

1. Upper handle
2. Motor on/off grip
3. Power button
4. Cable tidy
- 4a. Cable retention clips
5. Upper handle latch

6. Lower handle
7. Motor cover
8. Lower handle latch
9. Blade bolt spanner

Assembly

Warning! Before assembly, make sure that the appliance is switched off and unplugged.

Attaching the lower handle to the main body (Fig. A)

- ◆ Align the holes on the lower handle (6) with the holes on the main body (8a).
Insert the lower handle latch (8) and push until secure as shown in figure A.

Attaching the upper handle to the lower handle (Fig. B)

- ◆ Align the holes on the lower handle (6) with the corresponding holes on the upper handle (1).
- ◆ Insert the screw (5b) through both handles and fit the washer (5a).
- ◆ Place the upper handle latch (5) onto the screw (5b) and tighten until secure as shown in figure B.

Note: The upper handle can be attached to the lower handle with the upper handle latch (5) located either on the outside or the inside, depending on personal preference.

Before starting

- ◆ Before use, check that the mower is in good working order.
- ◆ Ensure the power button is in the off position and disconnect the cable plug from the mains supply.
- ◆ Examine the general condition of the mower. Inspect the body underneath the deck, blade, switch, power cord and extension cord (if used).
- ◆ Check for loose screws, misalignment, binding of moving parts, improper mounting, broken parts and any other condition that may affect its safe operation.
- ◆ If abnormal noise or vibration occurs during operation, turn the mower off immediately and have the problem corrected. Do not use a damaged tool and attach a label "DO NOT USE" to the tool. Ensure that you are on a flat surface and have secure footing. Check that the latches (5, 8) are securely tightened.

Switching on and off (Fig. C, D)

Note: Practise switching on and switching off the mower as detailed below before using it to cut grass for the first time. Start the mower on a hard, level surface (such as a driveway) that is free of debris. Connect the power cordset to the power point.

- ◆ Squeeze the motor on/off grip (2) towards the upper handle (1) and use the other hand to press the power button (3) as shown in figure C. The power button remains depressed as long as the pressure is maintained on the motor on/off grip (2).
- ◆ Transfer the other hand to the upper handle (1). As the motor picks up speed, the mower lifts on a cushion of air, making it very light to handle and extremely manoeuvrable. To stop the motor, release pressure on the motor on/off grip (2) until the power button (3) clicks off. The mower sinks to the ground. The motor is not started if pressure is re-applied to the motor on/off grip (2) alone. It is necessary to squeeze the motor on/off grip (2) and re-press the power button (3) to re-start the motor.

Emergency stop

- ◆ To stop the motor in an emergency, simply release the pressure on the motor on/off grip.
- ◆ Keep your hands on the upper handle in order to control the mower as it sinks to the ground.
- ◆ Allow the motor to stop completely before releasing control of the handle.

Changing the mower blades (Fig. E, F)

Warning! Never carry out any assembly operations or adjustments with the power connected to the mower. Always ensure that the power button is in the off position and that the power plug is disconnected from the supply. Periodically check the blades (11) for damage and balance. If there are broken ends or other damage or the two blades are out of balance they must both be replaced. With the power button (3) in the off position and the power plug removed from the supply, turn the mower on its back as shown in figure E.

- ◆ Unclip the old blades (11) from the pins (12) and replace them with new ones.
- ◆ Return the mower to the upright position.
- ◆ Reconnect the power cable to the supply and run the mower for a few minutes to check that the blades are properly fitted and that there is no undue noise or vibration.
- ◆ Use only blades as recommended by the manufacturer.

To change from a 28mm to a 38mm cut (Fig. G, H, I)

- ◆ Use the blade bolt spanner (9) to remove the blade bolt (9a).
- ◆ Remove the blade holder disc (10) and replace it the other way around.
- ◆ Remove the blades (11) from their anchor pins (12) on the underside of the blade holder disc (10).
- ◆ Replace the blades on the anchor pins on the upper side of the blade holder disc (10).

Warning! Do not set the cutting height too low, especially at the beginning of the mowing season. Cutting the grass too low will discourage its growth and allow weed proliferation. You will achieve a far better lawn by cutting it less short and mowing more often.

Mowing (fig. J1 & J2)

We recommend to use your mower as outlined in this section in order to achieve optimum results and to reduce the risk of cutting the mains cable.

- ◆ Place the bulk of the mains cable on the lawn, close to the starting point (position 1 in fig. J1).
- ◆ Switch the appliance on as described above.
- ◆ Proceed as shown in fig. J1
- ◆ Move from position 1 to position 2.
- ◆ Turn right and proceed towards position 3.
- ◆ Turn left and move towards position 4.
- ◆ Repeat the above procedure as required.

Warning! Do not work towards the cable as shown in fig. J2.

Note: Use the cable retention clips (4a) to secure the cord running from the deck to the on switch neatly to the handle assembly, as shown in figure K.

Cleaning

Turn the mower off and let the blade come to a stop. Use only mild soap and a damp cloth to clean the mower. Clean out any clippings which may have accumulated on the underside of the deck. After several uses, check all exposed fasteners for tightness.

Preventing corrosion

Fertilizers and other garden chemicals contain agents which greatly accelerate the corrosion of metals. If you mow in areas where fertilizers or chemicals have been used, the mower should be cleaned immediately afterward as follows:

Turn the mower off and unplug mower. Wipe all exposed parts with a damp cloth.

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.

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

- ◆ Switch off and unplug the appliance/tool.
- ◆ 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 use a blunt scraper to remove grass and dirt from the underneath of the guard.

Mains plug replacement (U.K. & Ireland only)

If a new mains plug needs to be fitted:

- ◆ Safely dispose of the old plug.
- ◆ Connect the brown lead to the live terminal in the new plug.
- ◆ Connect the blue lead to the neutral terminal.

Warning! No connection is to be made to the earth terminal. Follow the fitting instructions supplied with good quality plugs. Recommended fuse: 5 A.

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

		BEMWH551
Voltage	V _{ac}	230
Power input	W	1200
No-Load speed	min ⁻¹	6500
Weight	Kg	5.5

Hand/arm weighted vibration value:
= ah < 2.5 m/s², uncertainty (K) = 1.5 m/s².

Sound pressure level at the operator's ear:
L_{PA}: 84,0 dB(A); K = 2,5 dB(A)

Sound power level L_{WA}: 95 dB(A); K = 1.0 dB(A)

EC declaration of conformity

MACHINERY DIRECTIVE
OUTDOOR NOISE DIRECTIVE



BEMWH551 Hover mower

Black & Decker declares that these products described under "technical data" are in compliance with:
2006/42/EC, EN 60335-1:2012 + A11:2014,
EN 50636-2-91:2014

2000/14/EC, Hover Mower, L < 50cm, Annex VI,
DEKRA Certification B.V. Meander 1051 / P.O. Box 5185
6825 MJ ARNHEM / 6802 ED ARNHEM Netherlands.

Level of acoustic power according to 2000/14/EC (Article 12,
Annex III, L < 50cm):

measured sound power level L_{WA} : 95 dB(A); K= 1.0 dB(A).
guaranteed sound power level L_{WA} : 96 dB(A).

These products also comply with directive 2014/30/EU,
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.



R. Laverick
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30/08/2018

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 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.

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