



YARD FORCE®

FOR LIFE ON THE GO

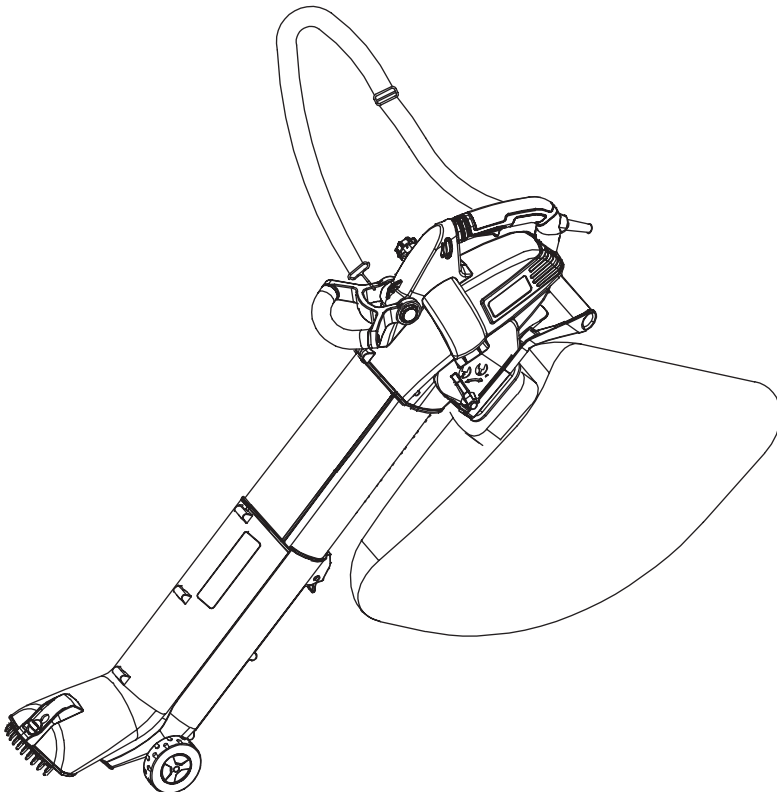
EB U30

GY8900

GB

ELECTRIC GARDEN BLOWER & VAC

Original Instructions

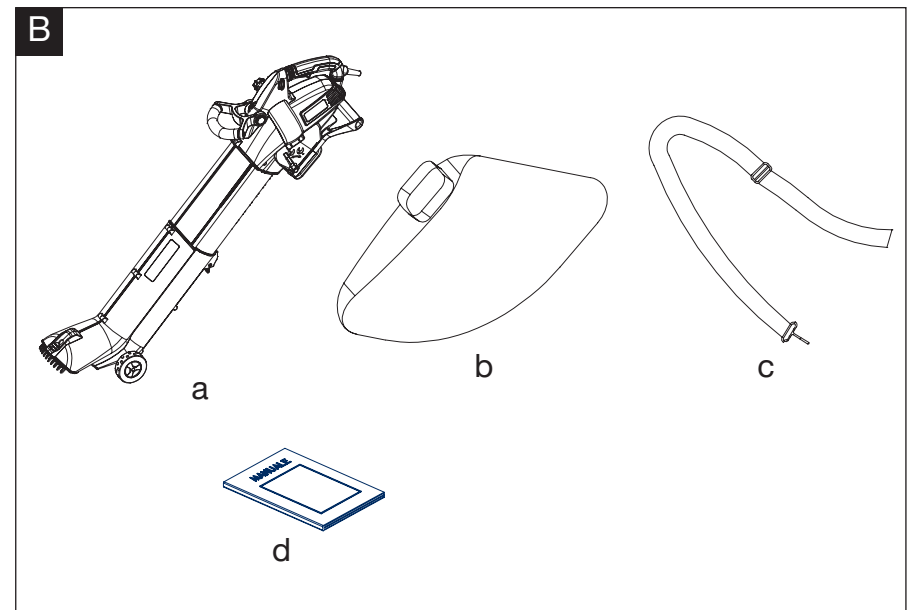
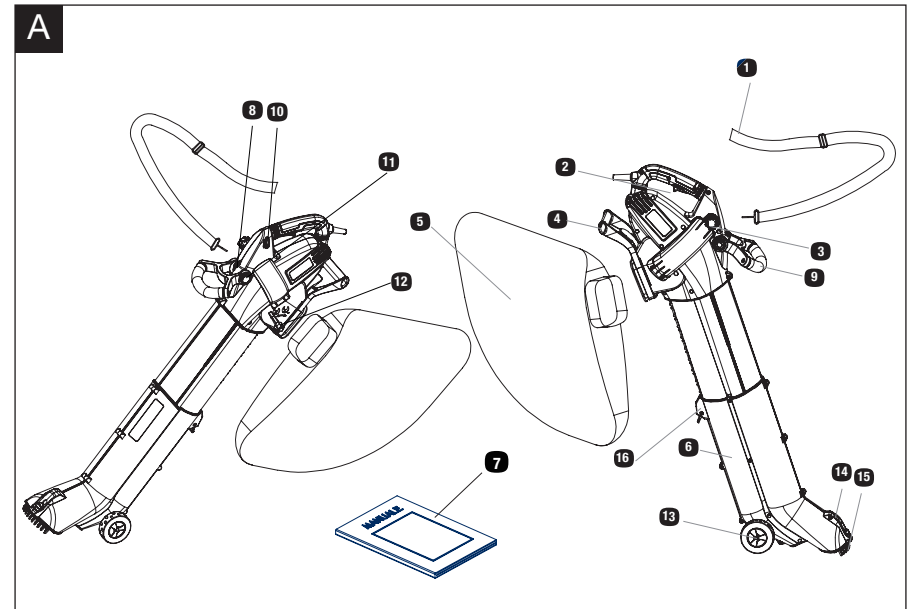


**READ & UNDERSTAND
INSTRUCTION MANUAL**

Save all warnings and instructions for future reference.



Read this manual carefully prior to assembling and operating the garden blower. It is dangerous to operate this product without being familiar with these instructions. Keep this manual in a safe place and have it ready for future reference.



CONTENT

Intended use	05
General safety warnings	05
Symbols	11
Technical data	14
Description of product	15
Installation	16
Operation	18
Maintenance and storage	21
Troubleshooting	22
Declaration of conformity	23

INTENDED USE

The device is designed only for blowing and suction of light DRY debris, such as leaves, grass, mulch and clippings, from domestic gardens. Avoid wet materials, as it may lead to congestion in the shredder unit and lead to reduced functionality. Every other utilization, which is not explicitly approved in these directions, can lead to damage to the device and represents a serious danger to the user.

For safety reasons, it is essential to read the entire instruction manual before first operation and to observe all the instructions therein. This product is intended for private domestic use only, not for any commercial trade use. It must not be used for any purposes.

GENERAL SAFETY WARNINGS

WARNING!

These instructions are for your safety. Please read through them thoroughly before use and retain them for future reference.

WARNING!

Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Carefully read the instructions for the safe operation of the machine. Save all warnings and instructions for future reference.

WARNING!

This appliance **MUST NOT** be used by children and persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction

GENERAL SAFETY WARNINGS

concerning use of the appliance by a person responsible for their safety. Local regulations can restrict the age of the operator.

WARNING!

Never operate the machine while people, especially children, or pets are nearby.

WARNING!

Children shall not play with the appliance.

WARNING!

Do not touch moving hazardous parts before the machine is disconnected from the mains and the moving hazardous parts have come to a complete stop.

WARNING!

Never to operate the machine with defective guards or shields, or without safety devices, or if the cord is damaged or worn.

IMPORTANT!

READ CAREFULLY BEFORE USE KEEP FOR FUTURE REFERENCE

GENERAL SAFETY WARNINGS

TRAINING

- Read the instructions carefully. Be familiar with the controls and the correct use of the machine.
- Never allow children or people unfamiliar with these instructions to use the machine. Local regulations can restrict the age of the operator.
- Keep in mind, that the operator or user is responsible for accidents or hazards occurring to other people or their property.

PREPARATION

- Obtain ear protection and safety glasses. Wear them at all times while operating the machine.
- 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.
- Do not wear loose clothing or jewellery that can be drawn into the air inlet. Keep long hair away from the air inlets.
- Operate the machine in a recommended position and only on a firm, level surface.
- Do not operate the machine on a paved or gravel surface where ejected material could cause injury.
- Before using, always visually inspect to see, that the shredding means, shredding means bolts and other fasteners are secure, the housing is undamaged and that guards and screens are in place. Replace worn or damaged components in sets to preserve balance.

GENERAL SAFETY WARNINGS

- 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.
- Never operate the machine while people, especially children, or pets are nearby.

OPERATION

- Before starting the machine, make certain that the feeding chamber is empty.
- Keep your face and body away from the feed intake opening.
- Do not allow hands or any other part of the body or clothing inside the feeding chamber, discharge chute, or near any moving part.
- Keep proper balance and footing at all times. Do not overreach. Never stand at a higher level than the base of the machine when feeding material into it.
- Always stand clear of the discharge zone when operating this machine.
- When feeding material into the machine be extremely careful that pieces of metal, rocks, bottles, cans or other foreign objects are not included.
- If the cutting mechanism strikes any foreign objects or if the machine should start making any unusual noise or vibration, immediately shut off the power source and allow the machine to stop. Disconnect the

GENERAL SAFETY WARNINGS

- machine from the supply and take the following steps before restarting and operating the machine:
 - inspect for damage;
 - replace or repair any damaged parts;
 - check for and tighten any loose parts.
- Do not allow processed material to build up in the discharge zone; this may prevent proper discharge and can result in kickback of material through the intake opening.
- If the machine becomes clogged, shut-off the power source and disconnect the machine from supply before cleaning debris.
- Never operate the machine with defective guards or shields, or without safety devices, for example debris collector in place.
- Keep the power source clean of debris and other accumulations to prevent damage to the power source or possible fire.
- Do not transport this machine while the power source is running.
- Stop the machine, and remove plug from the socket. Make sure that all moving parts have come to a complete stop
 - whenever you leave the machine;
 - before clearing blockages or unclogging chute;
 - before checking, cleaning or working on the machine.
- Switch-off the machine before attaching or removing the bag.

MAINTENANCE AND STORAGE

- When the machine is stopped for servicing, inspection, or storage, or to change an accessory, shut off the power source, disconnect the machine from the supply and make sure that all moving parts are come to a complete stop. Allow the machine to cool before making any inspections, adjustments, etc. Maintain the machine with care and keep it clean.
- Store the machine in a dry place out of the reach of children.
- Always allow the machine to cool before storing.
- When servicing the shredding means be aware that, even though the power source is switched off due to the interlock feature of the guard, the shredding means can still be moved.
- Replace worn or damaged parts for safety. Use only genuine replacement parts and accessories.

Safety symbols

The purpose of safety symbols is to attract your attention to any possible dangers. The safety symbols and their explanations deserve your careful attention and full understanding. The symbol warnings do not, by themselves, eliminate any danger. The instructions and warnings they give are no substitute for proper accident prevention measures.



WARNING: Be sure to read and understand all safety instructions within this operator's manual, including all safety alert symbols such as "**DANGER**", "**WARNING**", and "**CAUTION**" before using this tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

SAFETY ALERT SYMBOLS: Indicate **DANGER**, **WARNING**, or **CAUTION**. May be used in conjunction with other symbols or pictographs.

Symbol meanings

This page depicts and describes safety symbols that may appear on this product. Read, fully understand and follow all instructions on the machine before attempting to assemble and operate.

SYMBOLS



Caution/Warning



Read operator's manual



There is a risk that some objects could be thrown out by the machine. Keep bystanders away.



SWITCH OFF: Remove plug from mains before clean and maintenance



Remove plug from the mains immediately if the cord is damaged or cut.



Do not expose and operate the product to rain or wet conditions.



Wear eye protection

SYMBOLS



Guaranteed sound power level value in 104 dB (A)



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



Conforms to relevant EU regulatory requirements



This product is of protection class II. That means it is equipped with enhanced or double insulation.



Rotating impeller wheel. Keep hands away.

TECHNICAL DATA

Model		EB U30
Rated voltage/frequency		230 -240V~/50Hz
Rated power		3000 W
No-Load Speed		11500-15500 /min
Capacity Of Collection Bag		45L
Tube Length		45-75cm
Air Speed		100-300km/h
Volume		10-16m ³ /min

DESCRIPTION OF PRODUCT

Parts description (Fig. A)

1. Shoulder strap
2. On/off trigger
3. Impeller access release
4. Collection bag holder
5. Collection bag
6. Vacuum/Blower tube
7. Operator manual
8. Hook
9. Adjustable front handle
10. Speed control
11. Angle adjusting button
12. Vacuum/Blow selector lever
13. Wheel
14. Rake knob
15. Rake
16. Tube length adjusting button

Check the delivery parts (Fig. B)

Remove the machine from its packaging carefully and make sure that all of the following parts are present:

- a. Main blower body
- b. Collection bag
- c. Shoulder strap
- d. Manual



WARNING: If any parts are damaged or missing, do not operate this tool until these parts have been replaced. Failure to heed this warning could result in serious personal injury.

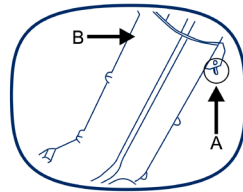


NOTE: Always recycle the packaging in accordance with local recycling guidelines.

INSTALLATION

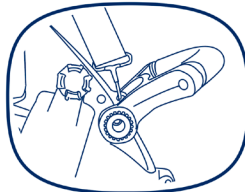
HEIGHT ADJUSTMENT

Press the tube length adjusting button (A) and slide the Vacuum/Blower tube (B) to desired length. It can be extended by 300mm.



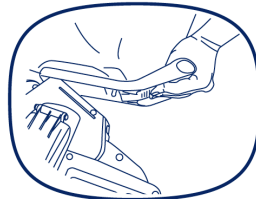
SHOULDER STRAP INSTALLATION

Attach the strap clip to the top of main body. With machine on operator's right hand side, place shoulder strap across chest and over left shoulder.



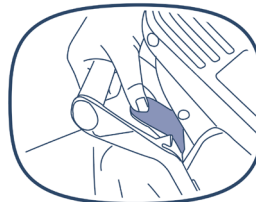
FITTING THE COLLECTION BAG

To install the collection bag, insert the buckle of support frame into the slot of the housing. Frame will click into position when properly fitted.



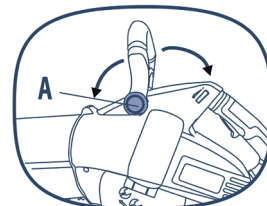
To dismantle the collection bag:

Press the spring lever to release the bag.



FRONT HANDLE ADJUSTMENT

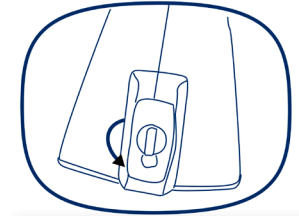
Adjust the front handle to a comfortable angle. Press the adjusting buttons at both sides(A) and rotate the handle to desired position.



INSTALLATION

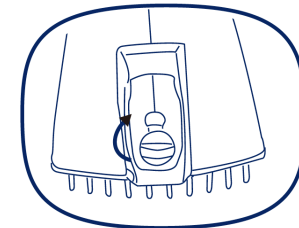
RAKE ADJUSTMENT

Rotate the rake knob 90° anticlockwise and then the rake will automatically pop-up. Lock the knob by rotating 90° clockwise.



Cleaning debris

1. Switch off and disconnect from the mains electricity supply before cleaning your product.
2. Always empty the collection bag.

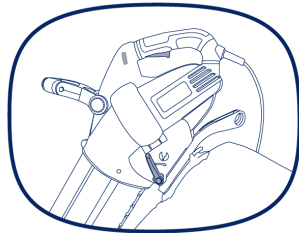


OPERATION

Before starting

The following rules must be observed at all times when working on and with the device.

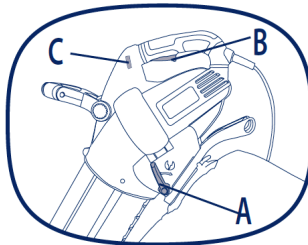
1. Ensure the Blower & Vac tube is fitted correctly and attach the collection bag. Without the collection bag assembled, you cannot start the Blower & Vac.
2. Plug the Blower & Vac into the mains supply and switch on.



WARNING: Before selecting either Vacuum or Blower function ensure that the selector lever operates smoothly and that it is not obstructed by debris from the previous use.

Starting the Blower & Vac

Select either the Vacuum or Blower function using the selector lever (A) on the side of the machine and press the on/off trigger (B). If more power is required, slide the speed controller from position "1" to position "max" (C).



Stopping the Blower & Vac

To turn off the machine you can simply release the on/off trigger.

WARNING: Any hard objects, such as stones, tin cans, glass etc, will damage the suction fan.

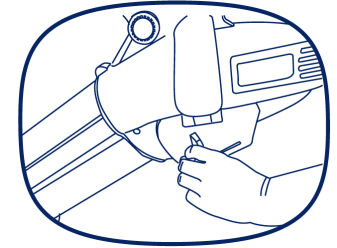
Do not use the Blower/Vacuum/Shredder to suck up water or very wet debris.

Never operate the Vacuum/Shredder without the debris collection bag fitted.

OPERATION

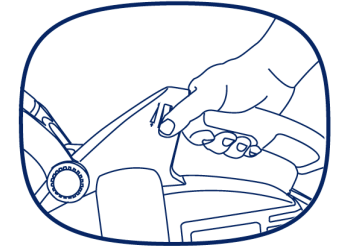
Using the blower mode

Select the blow function using the selector lever on the side of the machine and switch on. With the Blower & Vac resting on its wheels, move it forward directing the nozzle at the debris to be cleared.



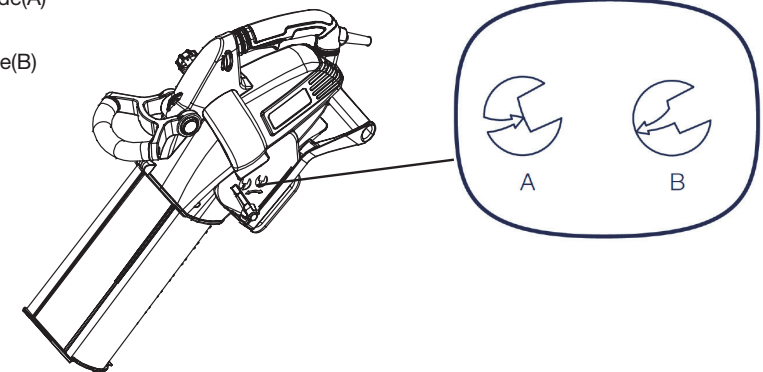
Adjust the speed with the speed control button if more power is required.

Alternatively hold nozzle just above the ground and swing the machine from side to side. Moving forward and direct the nozzle at the debris to be cleared. Blow the debris into a convenient heap then use the vacuum function to collect the debris.



Vacuum mode(A)

Blower mode(B)



Using the Vacuum mode

Inspect the area to be worked before starting. Remove any objects or debris that could be thrown, jammed or become entangled in the Blower & Vac. Select the vacuum function using the selector lever on the side of the machine and switch on.

With the Blower & Vac resting on its wheels move the Blower & Vac forwards directing the nozzle at the debris to be collected. Alternatively with the Blower & Vac held just above the ground swing the machine from side to side, moving forwards and directing the nozzle at the debris to be collected. Do not force the nozzle into the debris as this will block the suction tube and reduce the efficiency of the machine.

Adjust the speed with the speed control button if more power is required.

OPERATION

Clearing the impeller from debris.

WARNING: Unplug the machine before clearing the impeller, use gloves.

Unscrew the knob of the impeller access door.

Wearing gloves, carefully clear the impeller from debris. Close the access door and hand tighten the screw, no force is needed.

Organic materials such as leaves contain a large amounts of water that can cause them to stick to the inside of the suction tube. To reduce sticking, the material should be left for a few days to dry out.

Rake function

The integrated rake will help to loosen debris between gravel.

MAINTENANCE AND STORAGE

WARNING: Never use water for cleaning your product, use only a dry cloth. Do not clean with chemicals or solvents, some can destroy critical plastic parts. Always wear gloves to remove debris from this product

Cleaning debris

1. Switch off and disconnect from the mains electricity supply before cleaning your product.
2. Always empty the collection bag, using the zip.
3. Unscrew the Impellor access release (3) anticlockwise, until the door opens.
4. Wearing gloves, carefully rotate the fan and remove debris by hand. Clean the fan with a soft brush ensuring it is free from debris.
5. Clean the tube with a soft brush or cloth.
6. Close up the motor housing unit by tightening the impellor access release screw until secure (do not overtighten).
7. Clean the air vents with a soft brush.
8. Turn over the product and carefully check the tube for debris.
9. Refit the collection bag.

Storing Your Product

- Loosen all screw connections of the suction hose and rinse all parts with clean water.

Always store the product in a dry place ensuring the cable is not likely to be damaged on sharp edges etc.

Maintenance

Our machines have been designed to operate over a long period of time with a minimum of maintenance.



Continuous satisfactory operation depends upon proper machine care and regular cleaning. Keep all nuts, bolts and screws tight to be sure the appliance is in safe working condition.

1. Check the collection bag frequently for wear or deterioration.
2. Replace worn or damaged parts.
3. Use only genuine replacement parts and accessories.
4. Store the appliance in a dry place.

Disposing of the machine

Machines which are labelled with the this symbol must not be disposed of in household rubbish. You must dispose of such old electrical and electronic appliances separately. Please check with your local authority about the possibilities for correct disposal. You will thus help to minimise damage to the environment.

TROUBLESHOOTING

Problem	Possible cause	Solution
Device does not start	Collection bag is not fitted	Install the collection bag
	Mains voltage is not present	Check plug socket, cable, line, plug and fuse, where appropriate, repair through electrical specialist
	Defective ON/OFF switch	Repair through customer service
	Worn carbon brushes	
	Defective motor	
Impeller fan cover still open	Close impeller fan cover and screw it down properly	
Device works with interruptions	Damaged power cable	Check cable; call service helpline
	Internal loose connection	Repair through customer service
	Defective ON/OFF switch	
Low suction capacity or suction not present	Collection bag is full	Empty collection bag
	Collection bag is dirty	Clean collection bag
	Selector switch is in the wrong position	Set selector switch to the suction symbol 
	Device clogged up or blocked by foreign bodies	Remove blockages
Small or missing blowing power	Selector switch in incorrect position	Set selector switch to the blowing symbol 
	Speed controller in wrong position	Rotate speed controller to high position
Device works with interruptions	Foreign body blocks impeller wheel	Remove blockage

DECLARATION OF CONFORMITY

To the provisions of Council Directives

We
MEROTEC GmbH
 Otto-Brenner-Str. 8
 47877 Willich
 Germany

Declare that the product:
 Machine Description: Blowing and suction of light DRY debris
 EB U30 /GY8900

Complies with the essential health and safety requirements of the following directives:

Machinery Directive 2006/42/EC
 Electromagnetic Compatibility Directive 2014/30/EU
 EC Directive 2011/65/EU and its amendment Directive (EU) 2015/863 (RoHS)
 Noise Emission in the Environment by Equipment for Use Outdoors Directive 2000/14/EC amended by 2005/88/EC
 Measured Sound Power Level: 102.3 dB(A)
 Declared Guaranteed Sound Power Level: 104 dB (A)

Standards and technical specification referred to :

EN 60335-1:2012/A2:2019
 EN 50636-2-100:2014
 EN 55014-1:2017
 EN 55014-2:2015
 EN 62233:2008
 EN IEC 61000-3-2:2019
 EN 61000-3-3:2013/A1:2019

Authorized Signatory
 Date: 21.01.2022

Signature: 

Place: Willich
 Name: Roland Menken
 General Manager

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