

909[®]
NINE ZERO NINE

INSTRUCTION MANUAL
BL2400



2400W
**BLOWER/
VACUUM/MULCHER**

CONTENTS

Introduction	3
Environmental protection	3
Description of symbols	3
Specifications	3
Safety instructions	4
Additional safety rules for blower vacs	5
Unpacking	7
Know your product	8
Assembly	9
Operation of the blower vac	10
Tips for using your blower vac	11
Maintenance and storage information	12
Power cord maintenance	12
Important notes when using the blower/vacuum selector lever	12
Extension cord support	12

Warranty Power Tools

For full details please visit us at www.909.com

Introduction

Your new 909 power tool will more than satisfy your expectations. It has been manufactured under stringent 909 Quality Standards to meet superior performance criteria.

You will find your new tool easy and safe to operate, and, with proper care, it will give you many years of dependable service.

CAUTION. Carefully read through this entire Instruction Manual before using your new 909 Power Tool. Take special care to heed the Cautions and Warnings.

Your 909 power tool has many features that will make your job faster and easier. Safety, performance, and dependability have been given top priority in the development of this tool, making it easy to maintain and operate.

Environmental protection



Recycle unwanted materials instead of disposing of them as waste. All tools, hoses and packaging should be sorted, taken to the local recycling centre and disposed of in an environmentally safe way.

Description of symbols

The rating plate on your tool may show symbols. These represent important information about the product or instructions on its use.



Wear eye protection.
Wear hearing protection.
Wear breathing protection.



Double insulated for additional protection.



N25652

Conforms to relevant standards for electromagnetic compatibility.



Warning.



Read the manual carefully.



Do not use in the rain, or leave outside while it is raining.



WARNING. Keep spectators away. Beware of objects being flung out.



WARNING. Remove the plug from the wall socket before carrying out any kind of maintenance.

Specifications

Voltage:	230 – 240 V ~ 50Hz
Input power:	2400W
Speed:	6000 – 14000 min ⁻¹
Maximum Air Speed:	216 km/h
Collection Bag Capacity:	45 Litre
Mulching Ratio:	10:1
Insulation:	Double insulated
Weight	3 kg

General safety rules

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.

Save all warnings and instructions for future reference.

The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work area safety

- a) **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b) **Do not operate power tools in explosive atmospheres,** such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- c) **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) Electrical safety

- a) **Power tool plugs must match the outlet. Never modify the plug in any way.** Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.

e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

f) **To reduce the risk of electric shock, the manufacturer recommends the use of a residual current device with a rated residual current of 30mA or less at all times.**

3) Personal safety

- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- b) **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- d) **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.

g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

4) Power tool use and care

a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

h) 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.

i) Children should be supervised to ensure that they do not play with the appliance.

5) Service

a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

Additional safety rules for blower vacs

- Always wear adequate protective clothing when operating the tool to avoid injuries to face, eyes, hands, feet, head or hearing. Use safety glasses or a face shield, high boots or sturdy shoes, long trousers, work gloves, a hard hat and ear defenders.
- Do not start the tool when it is upside down or when it is not in the operating position.
- Switch the motor off and remove the plug when the tool is not being used, left unattended, being cleaned, being moved from one place to another or when the extension cord is entangled or damaged.
- Do not operate the tool near people, especially children or pets. Turn it off if they get too close. Maintain a safe distance of at least 5m from other people when using the tool.
- Never direct the blower tube towards bystanders or pets. Never blow debris in the direction of bystanders or pets. The operator is responsible for accidents or hazards occurring to other people or their property.
- Do not handle the plug or the tool with wet hands and do not use the tool in the rain.
- Use only outdoor rated extension leads that are so marked. Keep the extension cord away from heat, oil and sharp edges.
- Ensure that the extension lead is secured in a manner that prevents it from disconnecting from the plug whilst in use.

- Keep all the air intakes and the blower tube free of dust, lint, hair and other material that may cause a reduction in air flow.
- Keep a balanced and stable stance while using the tool.
- Do not switch on the tool in enclosed or poorly ventilated spaces or in the presence of inflammable and/or explosive substances such as liquids, gasses and powders.
- Do not get distracted and always concentrate on what you are doing. Use common sense. Never operate the tool when you are tired, sick or under the influence of alcohol or other drugs.
- Do not operate this appliance with long loose hair or loose fitting jewellery. Tie long loose hair back and remove loose fitting jewellery.
- Do not allow the blower vac to pick up any burning or smouldering materials like ashes, cigarette butts etc.
- Do not attempt to pick up breakable objects like glass, plastics, china etc.
- Do not use in vacuum operation without the collection bag fitted.
- Do not use the blower vac in either the vacuum or the blow position on gravel surfaces.
- Only operate the tool during broad daylight or with adequate artificial light.
- When the tool is not in use, store it in a dry place and out of reach of children.
- After use, disconnect the tool from the power supply and check for damage. If you have the slightest doubts, contact an authorised service centre.
- Only use the tool according to the instructions given in this manual.
- Check regularly that the screws are tight.
- Use only spare parts and accessories recommended by the manufacturer.

- Do not try to repair the tool or access internal parts. Contact authorised service centres only.

WARNING. We recommend the use of a residual current device with a residual current rating of 30mA or less.

Unpacking

Due to modern mass production techniques, it is unlikely that your 909 Power Tool is faulty or that a part is missing. If you find anything wrong, do not operate the tool until the parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal injury.

1. Housing
2. Blow/vac tube
3. Collection bag
4. Blow Vac tube Wheels
5. Shoulder Strap
6. ST4.2x50 screws x2
ST4.2x18 screw x1



Know your product

1. Shoulder harness.
2. Adjusting speed controller
3. Trigger
4. Power cord
5. Hook for collection bag
6. Selection knob
7. Collection bag
8. Collection bag connector
9. Wheel
10. Upper tube
11. Lower tube
12. Front handle
13. Handle
14. Housing



Assembly

The blower vacuum requires some assembly prior to use for the first time. This includes the fitting of the blow/vac tube to the housing and the fitting of the collection bag.

Assemble the tube and wheel bracket

1. Insert the lower tube to the upper tube and screw them together.
2. Locate one screw (ST4.2x50) in big screw hole on upper tube. Do not overtighten.
3. Push the wheel assembly onto the lower tube, up to the stop. Use the screw provided to clamp onto the tube.



Fitting the tube to the head

1. Locate the tubes into the blower head. Push in until they stop.
2. Using the screw provided (ST4.2x50) fasten the tubes to the head.

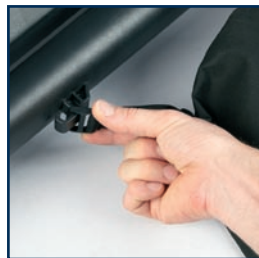


4. Assemble the wheel bracket: Insert the wheel bracket from the end lower tube until it reaches the rib position and cannot move forward again.
5. Locate one screw (ST4.2x18) in the screw hole on wheel bracket.
6. Tighten the screw firmly. Do not overtighten the screw.



Fitting the collection bag

1. When connecting the bag to the unit, locate the longer strap and connect it to the hook on the tube.
2. Grasp the shorter connector strap and connect it to the hook at the back of the unit.
3. Take the square connector and push over the unit outlet. The two side clips will locate into the housing.





4. Attach the push-on collection bag connector to the outlet tube of the housing. Push the fitting of the collection bag directly onto the outlet until it "clicks" into position.
5. Repeat the first step to connect the strap to the second hook on the underside of the housing.
6. To remove the collection bag, disconnect the attachments in the reverse order.
7. When removing the fitting on the outlet, first depress the two buttons on either side of the plastic connector, and then pull.

Attaching the shoulder harness

1. Connect the latch on the shoulder harness to the strap hanger in main housing.



2. Adjust the strap to a comfortable position.

Operation of the blower vac

Prior to using the blower vac, ensure you have read and understood this instruction manual. Ensure you are wearing suitable clothing and also safety equipment like safety glasses, ear protection and a mask if necessary.

Ensure the attachments to the blower vac are correctly fitted and adjusted.

Be aware of other people and animals in the area where you are to be operating the blower vac.

To turn the blower vac on.

1. Plug the power cord into an approved electrical extension cord, and turn the extension cord on.
2. Ensuring the blower vac is directed in a safe direction, depress the trigger switch and the blower vac will start.

This unit is fitted with a variable speed control which can be operated during use so that the vacuuming and blowing strength can be varied to suit the job at hand.



Hold the blower vac firmly while starting up.

To turn the blower vac off

To turn the blower vac "off", simply release the trigger switch.

Important: After you have turned the blower vac off, do not leave the product unattended or connected to the extension cord.

To select the blow operation

1. Move the selector lever towards the back of the housing. When the blow operation is selected, air is drawn up through the large blow/vac tube and then expelled at a much higher velocity in the lower cavity below the blow/ vac tube.



Ensure when the blow operation is selected the blower vac is pointed, directed and used in a safe manner. Do not direct the air flow from this blower vac directly or indirectly towards another person.

To select the vacuum operation

1. Push the selector lever forward.

When the vacuum operation is selected, air and debris is drawn up through the large vac tube, and forced through the mulching impellor. The debris is mulched and then blown down into the collection bag.



Important. Always ensure the collection bag is correctly attached as per the “Fitting the collection bag” section in this manual.

Always be aware of what is being drawn up into the blow/ vac tube. This product is only designed for garden debris like leaves, twigs and garden cuttings.

Important notes when using the blower/vacuum selector lever:

Do not force the lever. The lever should move with very little resistance. If the lever is difficult to move, disconnect the power supply, remove the collection bag and ensure debris, dirt or mud has not jammed the lever.

When selecting either of the operations, ensure the selector lever is fully in one position or the other, not half way.

To empty the collection bag

The collection bag is attached to the blower vac in 2 places.

It is not necessary to remove the collection bag from the blower vac when the bag needs to be emptied.

The rear of the bag is fitted with a full length zip.

Simply open the zip and empty the contents.

Ensure to close the zip prior to operating the blower vac.

Tips for using your blower vac

The following points may assist you in the operation of the blower vac.

- Always try and vacuum dry leaves, cuttings or general garden debris.
- Wet material is difficult to mulch and also can cause the blower vac to clog.
- If the leaves etc. are damp, then use the blower vac in blow selection to pile the leaves etc. into one area, vac and mulch the leaves when dry.
- Avoid using the vac on areas where there are stones, or other hard objects. These objects will damage the impellor of the blower vac.
- It is also advisable not to allow the blower vac to pick up soil. Soil generally contains moisture and when combined with other garden debris can clog the blower vac.
- The blower vac is not a garbage disposal unit. Do not attempt to mulch any material than general garden debris.

- For better performance and comfort, it is recommended the collection bag is emptied when it becomes approximately half full. This reduces the weight and also allows the vac operation to perform at its highest level.

Maintenance and storage information

Prior to cleaning or any maintenance, always ensure the power plug has been removed from the electrical power supply.

When you have finished using the blower vac, always check to make sure the product is clean and free of dirt and debris. This is important around the selector lever flap which is just inside the round outlet. To check this area, remove the collection bag and ensure this area inside the outlet tube is free of debris and dirt.

Operate the selector lever backwards and forwards to ensure correct operation.

Do not hose or submerge any part of the blower vac.

Do not use solvents to clean the blower vac.

Store the blower vac in a dry place, and out of reach of children.

Power cord maintenance

If the supply cord needs replacing, the task must be carried out by the manufacturer, the manufacturer's agent, or an authorised service centre in order to avoid a safety hazard

Important notes when using the blower/vacuum selector lever

Do not force the lever. The lever should move with very little resistance. If the lever is difficult to move, disconnect the power supply, remove the collection bag and ensure debris, dirt or mud has not jammed the lever.

When selecting either of the operations, ensure the selector lever is fully in one position or the other, not half way.

Extension cord support

During use of the blower vac, the extension cord will continually be pulled as you move from one area to another.

An extension cord support has been provided on the housing of the blower vac to assist in preventing the electrical connection between the extension cord and blower vac plug being forced apart.

Note. The support is for the extension cord, and not the cable from the blower vac.

1. To fit the extension cord to the support, make a tight loop in the extension cord, approximately 300mm from the socket on the extension cord.
2. Fit the loop into the square recess in the back portion of the blower vac on the underside of the housing.
3. Push the loop all the way through the housing by approximately 25mm.
4. Push each side of the loop downwards so each side of the loop fits over the hook inside the recess.
5. After, and only after the cable is correctly seated, plug the blower vac plug into the socket of the extension cable.



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