

# LawnMaster®



## 21V LITHIUM **BLOWER** **SAFETY AND OPERATING MANUAL** PLEASE READ THIS MANUAL CAREFULLY BEFORE OPERATING THE UNIT

### LB21B



A STEELFORT PRODUCT



PROUDLY  
NZ OWNED



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**Thank you for purchasing our LawnMaster 21V Lithium Blower the information contained within this manual will help you to have many years of safe and trouble free use of this Lawnmaster product.**

## **OPERATOR SAFETY**

### **SAFETY RULES**

This manual contains important safety information and instructions to operate the LawnMaster 21V Lithium Blower.

**PLEASE READ THIS MANUAL CAREFULLY BEFORE USING THE UNIT.**

Failure to adhere to the safety instructions could result in property damage and/or serious personal injury.

This manual should be considered a permanent part of the blower and should remain with the unit at all times. All information in this publication is based on the latest product information available at the time of printing.

Product Information and specifications can be altered and/or improved without notice. Content from this publication may not be reproduced without written consent.

### **DANGER**

Indicates a hazardous situation which, if not strictly complied with, will result in substantial property damage and or serious injury.

### **WARNING**

Indicates a hazardous situation which, if not strictly complied with, may result in property damage

### **CAUTION**

Indicates a hazardous situation which, if not strictly complied with, could result in property damage or personal injury.

The warnings and precautions discussed in this manual does not cover all possible conditions and or scenarios that may occur.

It must be understood by the operator that common sense and caution must be taken into consideration when operating this product, as these are factors

which cannot be built into this manual.

## **WORKPLACE SAFETY**

- Keep the workplace clean and well-lit to avoid accidents due to messy or dark environments.
- Do not operate the blower in explosive environments, such as those with flammable liquids, gas, or dust. Sparks generated during operation may ignite dust or gas.
- When operating the blower, keep away from children and bystanders. Focus on the operation to avoid losing control of the blower.

## **ELECTRIC SAFETY**

- Use well-matched plugs and sockets. Modified plugs are not allowed. For blowers that need grounding, do not use any conversion plug. To reduce the risk of electric shock, ensure the plug is unmodified and matches the socket.
- Avoid shock risks by not making contact with grounding surfaces, such as pipes, radiators, or refrigerators while using the blower.
- Do not expose the blower to rain or wet environments, as this increases the risk of electric shock.
- Do not misuse the power cord, such as carrying, pulling, or unplugging the blower by the cord. Keep the cord away from heat, oil, sharp edges, or moving parts to prevent damage and shock risks.
- When using the blower outdoors, use extension cords that are suitable for outdoor use to reduce shock risks.

## **PERSONAL SAFETY**

- Stay alert and avoid operating the blower when tired, under the influence of drugs or alcohol, or during medical treatment, as this can lead to serious injury.
- Always wear goggles and, when necessary, use additional protective equipment like dust masks, non-slip safety shoes, safety helmets, and hearing protection to reduce the risk of personal injury.
- Before connecting the power supply or battery pack, picking up, or carrying the blower, ensure the switch is in the off position to prevent accidental starting. Energising the blower while the switch is on can be extremely dangerous.

- Remove all adjusting keys or wrenches before starting the power tools to avoid personal injury due to their leaving on rotating parts.
- Always pay attention to foothold and body balance without stretching your hand too smoothly to better control the power tools in case of accidents.
- Dress appropriately. Do not wear loose clothes or accessories. Keep your hair and clothes away from moving parts.
- If devices for connecting chip removal and dust collection equipment is provided, please ensure that it is well connected and used properly which will reduce the risk caused by dust.
- Even with frequent tool use and familiarity with their operation, always prioritise safety rules. A single careless action can result in serious injury.

### PRECAUTIONS FOR USING BLOWER

- Choose the right blower designed for the task at hand to ensure your work is both efficient and safe.
- Do not use the blower if the switch is faulty or not functioning properly, as this can be dangerous. Have it repaired immediately.
- To reduce the risk of accidental starting, remove the plug from the power supply and/or the battery pack (if removable) before making any adjustments, replacing accessories, or storing the blower.
- Store unused blowers out of reach of children. Untrained individuals should not use the blower, as it can be dangerous.
- Regularly maintain your blower and its accessories. Check if the moving parts are properly adjusted, not stuck, and inspect for any damaged parts that could affect the operation of the blower to avoid accidents.
- Keep the blower nozzle and air intake clean. A well-maintained blower with clear air passages operates more effectively and safely.
- Do not use the blower for tasks it was not designed for. Select the appropriate blower settings and attachments based on the task at hand to avoid accidents.

## SAFETY RULES

### PREPARATION

- Do not let children or individuals unfamiliar with the operating instructions use the machine.

- Keep people (especially children) and pets away while operating the machine.
- Avoid wearing loose clothing or jewelry that could get caught in the air inlet. Keep long hair away from the air inlet.
- Always wear goggles when operating the machine.
- It's recommended to wear a face mask to protect against dust-related allergies.

### OPERATION

- Always turn off the machine and remove the battery pack: When placing the machine, Before clearing blockages, Before checking, cleaning, or handling the machine, After impact with foreign objects, If the machine starts vibrating abnormally.
- Only operate the machine in well-lit conditions.
- Stand at an angle while operating.
- Walk, don't run, while using the machine.
- Turn off the machine, remove the battery pack, and wait until all moving parts have stopped before touching them.
- When using the blower, never point the outlet at anyone.

### WARNING

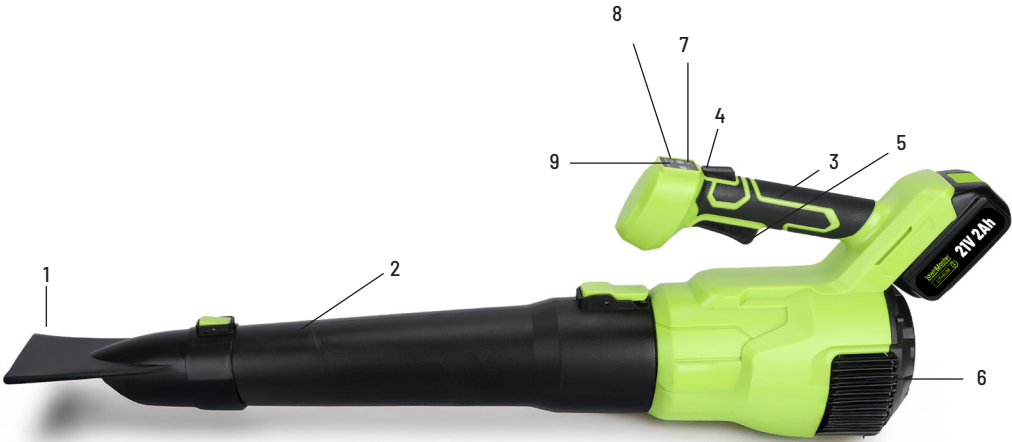
- Do not expose the blower to rain. Store it indoors. Avoid using the blower in bad weather, especially during lightning.
- Do not block the air intake or blower ports. Avoid using smaller nozzles than the original
- Do not use the blower for inflating items like balloons or rubber boats. Increasing motor speed can cause the fan to rupture, risking serious injury.
- Avoid operating the blower near open windows.
- Operate the blower during appropriate hours (e.g., morning or afternoon) to prevent disturbance.
- To avoid vibration or hearing damage, use the blower at the lowest speed and limit operating time.
- Use rakes or brooms to disperse debris before blowing.
- In dusty environments, moisten the surface slightly before use.
- Use long nozzles to direct airflow closer to the ground.
- Supervise young children; they should not play with the blower.
- Never insert fingers or objects into the air intake or blower ports.

## BATTERY PACKS

- Disconnect the switch and remove the battery pack before performing any work, such as changing tools, inspection, maintenance, transportation, storage, etc.
- Ensure that the battery pack is properly installed before using the tool.
- It's a normal phenomenon that the battery pack will become slightly hot during charging.
- Do not charge a damaged battery pack.
- After charging, please cut off the power supply and then unplug the battery pack from the charger. Do not put the battery pack in the charging body for a long time.
- Do not insert the charged battery pack into the charger when the tool is not in use
- Do not attempt to disassemble the battery privately, its maintenance or repair shall be handed over to professional maintenance personnel to avoid danger of electric shock or fire due to incorrect assembly.
- Do not short circuit the battery pack
- Don't burn the battery pack, it will explode in the fire.
- Do not drop, vibrate or impact the battery pack.
- Do not use the battery pack as a hammer. Knocking on the battery pack may cause accidental short circuit, fire or explosion.
- The battery pack must be kept away from high temperature or flame! Do not place it on the heater or expose it to strong sunlight for a long time. High temperature brings a risk of explosion.
- Please keep workplace well ventilated. The toxic gas emitted by the damaged battery pack or that is not used in accordance with the specified requirements may cause personal injury.
- If the battery pack is overused or overheats, it may leak. Clean or replace contaminated parts as needed. The affected parts and the leaking battery should not be used. If leakage contacts the skin, wash with soap, followed by lemon juice or vinegar. If it comes into contact with the eyes, rinse with clean water and seek immediate medical attention. Battery pack leakage can cause corrosion or burns.
- If the service time of the battery pack is significantly shortened after each charging, please replace it with a new battery pack or go to the maintenance point for inspection.
- The battery pack shall be moisture-proof and mildew proof. Please keep it away from water and rain.
- Please store the battery pack in a safe, dry cool environment after it has been fully charged.
- The storage ambient temperature range of battery pack is 0-45°C. Too high or low temperature would affect its capacity.
- Keep the battery pack away from metal objects like paperclips, coins, keys, nails, screws, or other small metal parts, as they can create a connection with the battery pack contacts. Short-circuiting the battery pack contacts can result in sparks, burns, or fires.
- Do not discard the scrapped battery pack in general household waste, flame or water.
- Collect the damaged battery packs and send them to the recycling center for disposal or dispose of them in an environmentally friendly way.
- Do not charge the battery pack when the room temperature is lower than 10°C or higher than 50°C. When the room temperature is lower than 0°C, it may not be charged.
- If the battery pack is not used for a long periods of time and stored with a low voltage or no voltage within the battery pack, this will reduce the life of the battery pack considerably, please always keep the battery pack fully charged.

**Before using this tool, familiarise yourself with its functions and operating instructions. Stay alert at all times to prevent injury.**

FEATURES & TECHNICAL DATA



1.

Air Discharge Nozzle
2.

Air Tube
3.

Ergonomic Hand Grip
4.

Turbo Button
5.

Throttle
6.

Air Intake
7.

On/Off Button
8.

High/Low Air Speed Button
9.

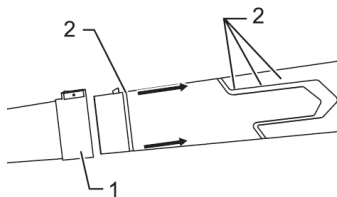
Battery Level Indicator

MODEL	
Battery	21V 2Ah Lithium
Run Time	10 Minutes
Charge Time	2.5 Hours
Weight (With Battery)	2.65kg

## ASSEMBLY

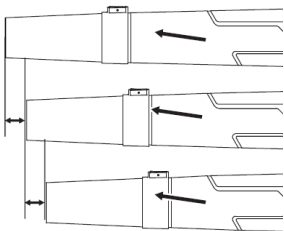
**NOTE:** Before performing any assembly operations on the blower, be sure to turn off the power to the tool and remove the battery pack.

### 1. INSTALL THE EXTENSION TUBE



1. Extension tube
2. Triangle mark

- Line up the small bumps on the housing with the notches on the long extension tube, then slide the tube in until you hear a click.



Installation of extension nozzle/flat nozzle (optional accessory) is installed the same as above.

## OPERATION

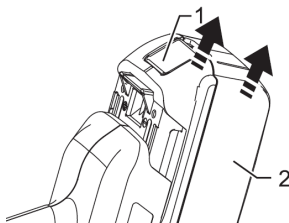


### CAUTION:

Do not place it on the ground when the leaf blower is turned on. Because sand or dust may enter the air intake, causing personal injury.

1. Hold the leaf blower securely with one hand and move it slowly for controlled blowing.
2. Keep the air outlet pointed away from buildings, large rocks, and vehicles to avoid debris damage.
3. When clearing corners, start with the corner first before moving to open areas.

### BATTERY PACK INSTALLATION OR REMOVAL



1. Button
2. Battery Pack

**NOTE:** Be sure to turn off the power to the tool before installing or removing the battery pack.

- To remove the battery pack, press the button on the front and pull the battery out at the same time.
- To install the battery pack, align the tongue on the battery with the groove on the housing, then slide it in until it clicks into place. If the red indicator on the button is still visible, the battery is not fully locked - push it in further until secure.

**NOTE:** Make sure the battery pack is fully inserted until the red snap is no longer visible. If not secured properly, it may fall out and cause injury. Do not force the battery pack into place. If it is difficult to insert, check the alignment and try again.

### BLOWER/BATTERY PROTECTION SYSTEM

This blower is equipped with a battery protection system that automatically cuts power to the motor to extend the life of both the blower and the battery.


































While in use, the blower will automatically stop if the blower or battery encounters certain conditions. In some cases, the indicator light will turn on.

If the blower overheats, it will automatically stop, and the battery light will flash for about 60 seconds. In this case, wait for the blower to cool down before turning it back on.

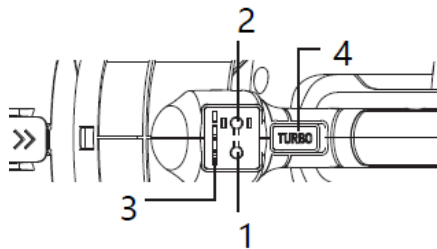
### OVER-DISCHARGE PROTECTION

The blower will automatically stop when the battery charge is low.

If the blower does not operate even when the switch is turned on, remove the battery and charge it before attempting to use it again.

Indicator Light				Remaining Power
 Light up	 Off	 Blinking		
	   			75% - 100%
	   			50% - 75%
	   			25% - 50%
	   			0% - 25%
	   			Charge the battery
	       			Battery may malfunction
	 			

NOTE: The power level displayed on the indicator may vary slightly from the actual power level, depending on different operating conditions and ambient temperatures.

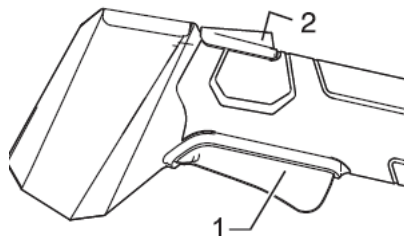


1. Power switch
2. Speed adjustment button
3. Power indicator light
4. Turbo button

Press the power button so that the battery indicator shows the remaining charge.

### SWITCH OPERATION

NOTE: Before inserting the battery pack into the blower, ensure that the switch trigger operates smoothly and returns to the "OFF" position when released.



1. Throttle Trigger
2. Turbo button

- To start the blower, simply press the switch trigger.
- Press the speed adjustment button to switch between 1-2 speeds.
- Release the on/off button to stop the blower.

NOTE: The speed adjustment button can only switch between 1 and 2 gears. To boost the airflow, press both the switch and the boost button at the same time to achieve the highest wind speed.

### CHARGING THE BATTERY

Do not expose the battery to extreme conditions such as high temperatures or shock, as this can cause personal injury due to leakage of the electrolytic solution.

Before charging, ensure the surface of the battery is clean and dry.

When charging the battery, place the charger on a dry, firm surface. Before plugging the charger into the power supply, make sure the power supply switch is off.

Connect the charger to the corresponding connector on the battery pack. Verify that the power supply matches the rated values on the charger and adapter.



The red light on the charger indicates that the battery is charging, and the green light indicates that the battery is fully charged. The average charge time is 2.5 hours.

Once the battery is fully charged, turn off the power supply to the charger before disconnecting the charger from the battery.

**Important:** The warranty does not cover battery failures caused by incorrect product use, such as the battery not holding a charge or reduced runtime due to improper charging or leaving the battery uncharged for extended periods. If you need a replacement, you can purchase a new battery pack from your local LawnMaster dealer. Please dispose of old battery packs responsibly.

### TIPS FOR MAINTAINING MAXIMUM BATTERY LIFE

- Charge the battery pack before it is completely depleted. If the blower is running low, stop using the tool and recharge the battery pack.
- Avoid overcharging. Do not recharge a fully charged battery pack, as overcharging can shorten the battery's lifespan.
- Charge the battery pack at room temperature, between 10°C and 40°C. If the battery is too hot or cold, allow it to cool or warm up before charging.

If the blower will not be used for an extended period (more than six months), make sure to recharge the battery pack to maintain its condition.

## CLEANING & MAINTENANCE

### CAUTION:

Before checking or servicing the blower, make sure to turn off the power and remove the battery pack from the tool. Do not use petrol, benzene, thinner, alcohol, or similar substances to clean the blower. Doing so may result in discoloration, deformation, or cracks in the tool.



To clean the blower, wipe down the exterior with a cloth soaked in soapy water.

For safety and reliability, repairs, maintenance, or adjustments should be carried out by an authorised LawnMaster service dealer.

## STORAGE

To ensure that the battery is fully charged, avoid leaving in extremely hot or cold environments.

If the equipment will not be used for a long time, please remove the battery before storage.

## WARRANTY

Subject to the following conditions, this unit is covered by a comprehensive two-year warranty.

The unit is designed for domestic purposes only, issues and faults due to commercial use may not be covered by warranty. The warranty covers all manufacturing faults but excludes normal wear and tear, misuse, neglect, accidental damage or defects arising from failure to comply with instructions as outlined in this owners manual. Only genuine spare parts can be used for repairs and this must be carried out by an authorised LawnMaster Services Dealer to maintain warranty.

Warranty does not cover the cost of transportation of any part(s) but does cover the labour/parts cost incurred in repairing or replacing any defective part(s) consequential or special damages and / or expenses resulting from any defect.

If the unit requires further repairs or services please visit [www.lawnmaster.co.nz](http://www.lawnmaster.co.nz) to find your local LawnMaster Service Dealer.

For all other enquiries contact **Steelefort Customer Services +64 6 350 1350**

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## FIND US



[www.lawnmaster.co.nz](http://www.lawnmaster.co.nz)



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### Steelfort

500 Rangitikei Street, Private Bag 11045  
Palmerston North, 4412, New Zealand  
06 350 1350

### Steelfort Auckland

880 Great South Road, Penrose  
Auckland, 1061, New Zealand  
09 573 1324

### Steelfort Christchurch

21 William Lewis Drive, Sockburn  
Christchurch, 8042, New Zealand  
03 324 2480