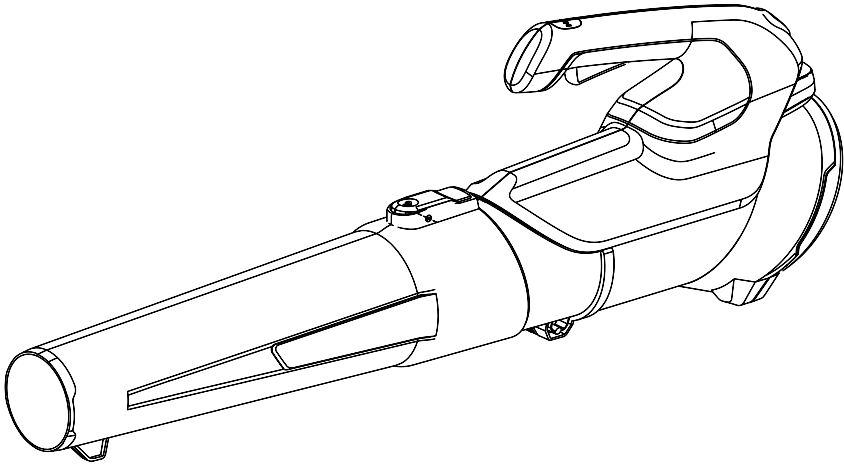


# U20 Handy+ Cordless Leaf Blower

SKU: U20BR01-0A110 / U20BR02-0A110 / U20BR01-0A010

Model No.: EGT060071



**WARNING:**

To reduce the risk of injury, the user must read and understand the user manual before using this product. Save this manual for future reference.



# TABLE OF CONTENTS

Important Safety Instructions	02
Safety Symbols	06
Know Your Tool	09
Charging Your Battery	10
Assembly and Adjustment	10
Operation	13
Maintenance	15
Storage	16
Troubleshooting	18
Warranty	19

# READ ALL INSTRUCTIONS!



**WARNING:** Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints,
- Crystalline silica from bricks and cement and other masonry products, and
- Arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well-ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

## Important Safety Instructions



**WARNING:**  
Only use the accessories that are provided with this product or the accessories approved by Litheli. Use other accessories might increase the risk of injury. Follow the instructions in this manual to properly use the accessories.



**WARNING:**  
This product can expose you to chemicals including lead and Di(2-ethylhexyl) phthalate (DEHP) which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



**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 appliance is only to be used with the power supply unit provided with the appliance.

## **FOR ALL APPLIANCES**

- 1)** Avoid Dangerous Environment - Don't use appliances in damp or wet locations.
- 2)** Don't Use In Rain.
- 3)** Keep Children Away - All visitors should be kept at a distance from work area.
- 4)** Dress Properly - Do not wear loose clothing or jewelry. They can be caught in moving parts. Use of rubber gloves and substantial footwear is recommended when working outdoors. Wear a protective hair covering to contain long hair.
- 5)** Use Safety Glasses - Always use a face or dust mask if operation is dusty.
- 6)** Use Right Appliance - Do not use appliance for any job except that for which it is intended.
- 7)** Don't Force Appliance - It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.
- 8)** Don't Overreach - Keep proper footing and balance at all times.
- 9)** Stay Alert. Do not operate appliance when you are tired.
- 10)** Store Idle Appliances Indoors - When not in use, appliances should be stored indoors in a dry, and high or locked-up place - out of reach of children.
- 11)** Maintain Appliance With Care - Keep cutting edge sharp and clean for best performance and to reduce the risk of injury. Follow instructions for lubricating and changing accessories. Keep handles dry, clean, and free from oil and grease.
- 12)** Check Damaged Parts - Before further use of the appliance, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless indicated elsewhere in this manual.

## **FOR ALL BATTERY-OPERATED GARDENING APPLIANCES**

### **1. For all battery-operated gardening appliances:**

- 1) Do not charge appliance in rain, or in wet locations.
- 2) Do not use battery-operated appliance in rain.

** WARNING:**

**Always remove or disconnect battery pack before adjusting, cleaning, servicing or transporting this product.**

**2. For all battery-operated products employing a detachable or separable battery:**

- 1) Do not dispose of the battery(ies) in fire.** The cell may explode. Check with local codes for possible special disposal instructions.
- 2) Do not open or mutilate the battery(ies).** Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
- 3) Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys.** The battery or conductor may overheat and cause burns.

**3. Avoid unintentional starting-** Do not insert the battery with your finger on the switch. Be sure the switch is off when inserting the battery.

## **ADDITIONAL SAFETY WARNINGS**

### **IMPORTANT SAFETY INSTRUCTIONS**

When using an electrical appliance, basic precautions should always be followed, including the following:

### **READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE**

** WARNING - To reduce the risk of fire, electric shock, or injury:**

1. To reduce the risk of electric shock – Do not use on wet surfaces. Do not expose to rain. Store indoors.
2. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
3. Use only as described in this manual. Use only manufacture’s recommended attachments.

4. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
5. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
6. Do not charge the unit outdoors.
7. Do not incinerate the appliance even if it is severely damaged. The batteries can explode in a fire.
8. Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
9. Do not handle charger plug or appliance with wet hands.
10. Do not leave appliance when the battery pack is installed. Remove the battery pack from the appliance when not in use and before servicing.
11. Turn off all controls before removing the battery pack.
12. Use extra care when cleaning on stairs.

## **SAFETY WARNINGS FOR BATTERY PACK**

1. Do not modify or attempt to repair the battery pack. Do not dismantle, open or shred battery pack.
2. Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 265°F (130°C) may cause explosion.
3. Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects. When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or fire.
4. Do not subject battery pack to mechanical shock.
5. Observe the plus (+) and minus (-) marks on the battery back and equipment and ensure correct use.
6. Keep battery pack out of the reach of children.
7. Always purchase the battery pack recommended by the device manufacturer for the equipment.
8. Keep battery pack clean and dry.
9. Wipe the battery pack terminals with a clean dry cloth if they become dirty.

10. Battery pack needs to be charged before use. Always use the correct charger and refer to the manufacturer's instructions or equipment manual for proper charging instructions.
11. Do not leave battery pack on prolonged charge when not in use.
12. After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.
13. Battery pack gives its best performance when it is operated at normal room temperature ( $20\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$ ).
14. Use only the battery pack in the application for which it was intended. Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
15. Remove the battery pack from the equipment when not in use.
16. Dispose of properly.
17. Do not handle the charger, including charger plug, or charger terminals with wet hands.
18. Do not charge the battery pack outdoors, in rain, or in wet locations.
19. Recharge only with the charger supplied. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
20. Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
21. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.




**Save these instructions. Refer to them frequently and use them to instruct others who may use this tool. If you lend this tool to someone else, also lend these instructions to them to prevent misuse of the product and possible injury.**

## Safety Symbols



The purpose of safety symbols is to attract your attention to possible danger. The safety symbols and the explanations with them deserve your careful attention and understanding. The symbol warnings do not, by themselves, eliminate any danger. The instruction and warnings they give are no substitutes for proper accident prevention measures.













The following signal words and meanings are intended to explain the levels of risk associated with this product.

<b>SYMBOL</b>	<b>SIGNAL</b>	<b>MEANING</b>
	<b>DANGER</b>	Indicates a hazardous situation, which, if not avoided, will result in death or serious injury.
	<b>WARNING</b>	Indicates a hazardous situation, which, if not avoided, will result in death or serious injury.
	<b>CAUTION</b>	Indicates a hazardous situation, which, if not avoided, may result in death or serious injury.
	<b>NOTICE</b>	(Without Safety Alert Symbol) Indicates information considered important, but not related to a potential injury (e.g. messages relating to property damage).

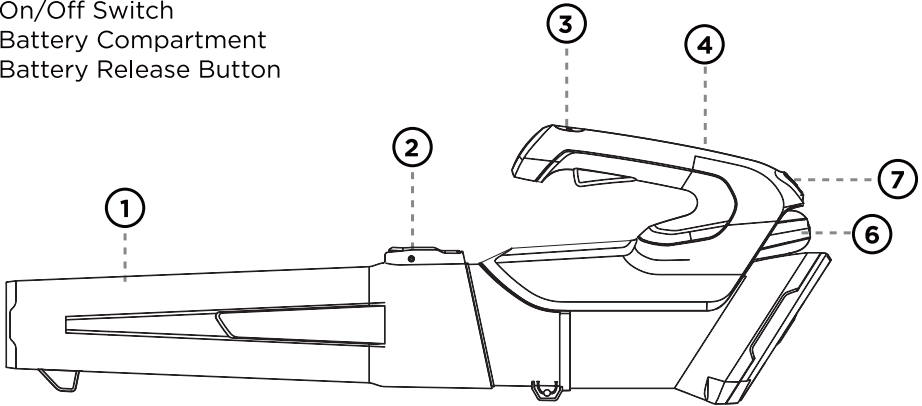
Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.

<b>Symbol</b>	<b>Description</b>	<b>Symbol</b>	<b>Description</b>
	To reduce the risk of injury, user must read instruction manual.		Do not use in the rain or leave outdoors while it is raining.

	<p>SAFETY ALERT – indicate a precaution, a warning or a danger.</p>		<p>Wear hearing protection.</p>
	<p>Wear eye protection.</p>		<p>Indoor use only. Only use battery charger indoors.</p>
	<p>Warning of hazard.</p>		<p>Keep bystanders away.</p>
	<p>Do not burn the battery pack.</p>		
	<p>Batteries may enter water cycle if disposed of improperly, which can be hazardous to the ecosystem. Do not dispose of old batteries as unsorted municipal waste.</p>	 <p>Li-Ion</p> 	<p>Li-ion battery. This product has been marked with a symbol relating to ‘separate collection’ for all battery packs. It will then be recycled or dismantled in order to reduce the impact on the environment. Battery packs can be hazardous to the environment and to human health since they contain hazardous substances.</p>

# Know Your Tool

1. Blower Tube
2. Tube Release Button
3. Max Speed Button
4. Handle
5. On/Off Switch
6. Battery Compartment
7. Battery Release Button



## Technical Data

SKU	U2OBR01-0A110 / U2OBR02-0A110 / U2OBR01-0A010
Model No.	EGT060071
Voltage	20 V
Max. Air Speed	85 mph (38 m/s)
Max. Air Volume	355 cfm (604 m <sup>3</sup> /h)
Tube Diameter	3.0 " (75 mm)
Rotation Speed:	17000 rpm
Dimensions	29.9 x 6.5 x 10.1 " (759.4 x 164.4 x 256.9 mm)
Net Weight	4.4 lbs (2 kg)

## ACCESSORIES

SKU	U20BR01-OA110	U20BR02-OA110	U20BR01-OA010
Battery	1	1	0

## CHARGING YOUR BATTERY

**⚠ WARNING:** Charge the battery in a dry and ventilated room, far away from combustibles and ignition sources.

**NOTICE:** The charger is not supplied with this appliance. You should prepare a charger to work with the supplied charging cable for charging. Make sure the charger meets the charging requirements of the battery. If you have any questions, please contact Litheli Customer Service for assistance.

**NOTICE:** Lithium-ion batteries are shipped partially charged. Before using it the first time, fully charge the battery.

**NOTICE:** Please refer to the Charging Your Battery section of the battery manual for details of the indicated lights display and charging considerations.

## Assembly and Adjustment

**⚠ WARNING:**  
To prevent accidental starting that could cause serious personal injury, always remove the battery pack from the tool when assembling parts.

**⚠ WARNING:**  
Do not attempt to modify this tool or create accessories not recommended for use with this tool. Any such alteration or modification is misuse and could result in a hazardous condition leading to serious injury.

**⚠ WARNING:**

**Do not attempt to start the tool before it has been completely assembled.**

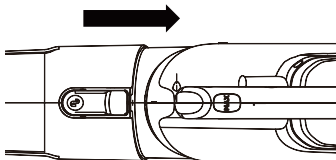
## UNPACKING

- This product requires assembly.
- Remove all the items from the carton. Make sure that all items listed in the parts list are included.
- Inspect the product carefully to make sure that no breakage or damage occurs during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the tool.
- If any parts are damaged or missing, please return the tool to the place of purchase.

## ASSEMBLING AND DISASSEMBLING THE BLOWER TUBE

### - To assemble

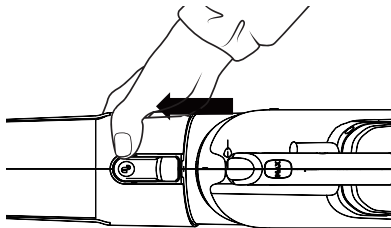
Line up the blower tube and the machine body, align and slide the blower tube to the fan housing as shown in Fig. 1. Push the tube to the end. A “click” will be heard when the blower tube is locked in place.



**Fig. 1**

### - To disassemble

Press the tube release button and pull the blower tube out from the fan housing. (Fig. 2)



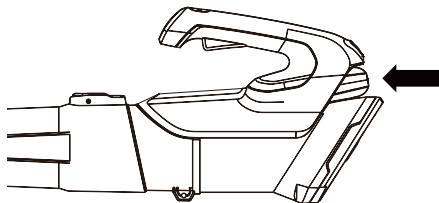
**Fig. 2**

## **INSTALLING OR REMOVING THE BATTERY**

### **- To install:**

Slide the battery into the port at the back of the handle. Push to the end with a sufficient force until the battery clicks to lock in place. (Fig. 3)

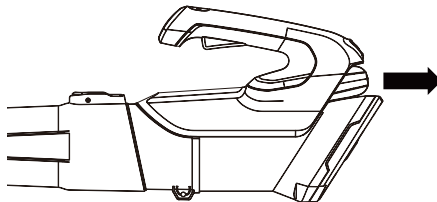
**NOTICE: The battery can only be installed in one way.**



**Fig. 3**

### **- To remove:**

Press the battery release button, and the battery will pop out from the compartment automatically. Hold the battery and remove it from the machine. (Fig. 4)



**Fig. 4**

# Operation

## INTENDED USE

This blower is intended for residential use only. Use the blower outdoors to move yard debris as needed.

### **⚠ WARNING:**

**Do not allow familiarity with this product to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.**

### **⚠ 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.**

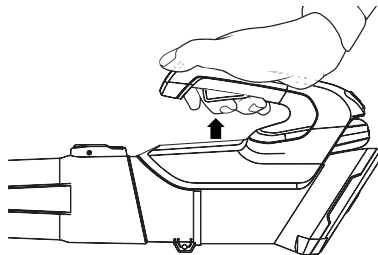
### **⚠ WARNING:**

**To avoid serious injury and property damage, inspect the area before using the blower. Remove all hard objects from work area. Do not blow debris in the direction of people, animals or property. Use both hands when operating blower.**

## STARTING/STOPPING THE BLOWER

### - To turn on the blower:

- a. Hold the blower with both hands, with the tube approximately 20cm above the ground.
- b. Press and hold the on/off switch, now the blower is switched on. (Fig. 5)



**Fig. 5**

### - To stop the blower:

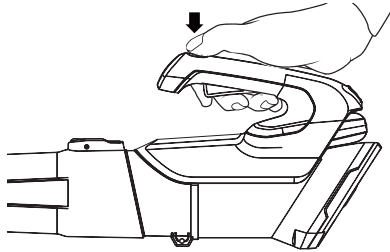
Release the on/off switch to stop the blower.

## ADJUSTING THE BLOWING SPEED

This product offers two blowing speed modes: High Speed Mode and Max Speed Mode.

- a. Upon powering on, it starts in High Speed Mode.
- b. Short press the Max Speed Button to switch between High Speed and Max Speed modes. (Fig. 6)

**NOTICE: The Max Speed Mode can increase air flow significantly, and it can be used for clearing heavy or wet debris.**



**Fig. 6**

## USING THE BLOWER (Fig. 7)

- Hold the blower tube approximately 20cm above the ground when operating the tool.
- Use a sweeping motion from side to side. Advance slowly keeping the accumulated debris/leaves in front of you. (Fig. 7)



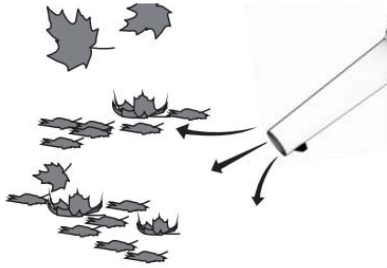


Fig. 7

**⚠ CAUTION:**

- Do not blow hard objects such as nails, bolts, or rocks.
- Do not operate the blower near bystanders or pets.
- Use extra care when cleaning debris from stairs or other tight areas.
- Wear safety goggles or other suitable eye protection, long pants, and shoes.

## Maintenance

**⚠ WARNING:**

When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by a qualified service technician.

**⚠ WARNING:**

To prevent serious personal injury, remove the battery pack from the tool before servicing, cleaning, changing add-on attachments or removing material from the unit.

**⚠ WARNING:**

For the user's safety, worn or damaged parts must be replaced. Replace with original replacement parts only.

**⚠ WARNING:**

To prevent serious injury from appliance failure, do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

## GENERAL MAINTENANCE TIPS

1. Do not attempt to repair the machine unless you have the proper tools and instructions for disassembly and repair of the machine.
2. Check bolts, screws and fasteners at frequent intervals for proper tightness to ensure that the machine is in safe working condition.
3. All parts of the blower are permanently lubricated. Your blower requires no additional lubrication.
4. BEFORE EACH USE, inspect the general condition of the appliance. Check for:
  - loose hardware,
  - misalignment or binding of moving parts,
  - cracked or broken parts,
  - damaged electrical wiring, and any other condition that may affect its safe operation.

## CLEANING

Regular cleaning and maintenance of your blower will ensure efficiency and prolong the life of the product.

- After each use, wipe external surfaces of the appliance with clean damp cloth and mild soap.
- Never wet or spray water on the machine.
- Do not use any detergents or solvents as these could cause irreparable damage to the blower. Chemicals can destroy the plastic parts.

## Storage

### Leaf Blower:

1. Examine the cordless leaf blower thoroughly for worn, loose or damaged parts. Should you need to repair or replace a part, contact Litheli Customer Service for assistance.
2. Remove the battery. Allow the motor to cool and clean the blower before storing.
3. Store the cordless leaf blower indoors in a locked, dry, well-ventilated place out of the reach of children to prevent unauthorized use or damage.

**Battery:**

1. Do not expose your battery to water, rain or allow it to get wet. This could permanently damage the battery. Do not use oil or solvents to clean or lubricate your battery as the plastic casing can become brittle and crack, causing a serious risk of injury.
2. Store the battery at room temperature away from moisture. Do not store in damp locations where corrosion of terminals may occur. As with other battery types, permanent capacity loss can result if the pack is stored for long periods of time at high temperatures (over 120°F/49°C).
3. For a longer service life of battery, recharge the battery every month when not in use.

**For Battery-powered Tools**

The ambient temperature range for the use and storage of tool and battery is 0°C-45°C (32°F-113°F).

The recommended ambient temperature range for the charging system during charging is 10°C-40°C (50°F-104°F). While charging, the battery and charger should be placed in a cool, dry indoor place with good ventilation.

# Troubleshooting

## WARNING:

Switch off the machine and remove the batteries packs prior to any troubleshooting.

Problem	Possible causes	Remedy
Motor does not start.	Battery is not installed well.	Check the battery is fully inserted.
	Battery is depleted.	Charge the battery.
	Battery is too cold.	Remove battery from the machine. Place battery on charger and allow to charge for 10 minutes. Remove from charger and install it the machine for use.
	The machine or battery has triggered the overheat protection due to overheating.	Place the machine and battery in a cool, ventilated location and wait for them to return to normal temperature before restarting.
	On/off switch defective.	Contact the Litheli Customer Service for replacing.

# WARRANTY

## Litheli WARRANTY POLICY

- 3-year limited warranty on Litheli outdoor power equipment and power tools for personal, household use.
- 1-year limited warranty on Litheli battery packs and chargers for personal, household use.

Please contact Litheli Customer Service at [service@litheli.com](mailto:service@litheli.com) any time you have questions or warranty claims.

## LIMITED WARRANTY SERVICE

FOR THREE YEARS from the date of original retail purchase, this Litheli outdoor power equipment and power tools are warranted against defects in material or workmanship. Defective products will receive free repair or will be exchanged.

FOR ONE YEAR from the date of original retail purchase, the Litheli battery pack and charger are warranted against defects in material or workmanship. Defective products will receive free repair or be exchanged.

1. This warranty applies only to the original purchaser from an authorized Litheli shop and may not be transferred.
2. The warranty period for any Litheli product, battery pack and charger used for residential only.
3. The warranty period for routine maintenance parts, such as, but not limited to, blades, trimmer heads, chain bars, saw chains, belts, scraper bars, blower nozzles, and all other Litheli accessories is 90 days for residential purposes.
4. This warranty does not cover the damage resulting from modification, alteration or unauthorized repair.

5.This warranty only covers defects arising under normal usage and does not cover any malfunction, failure or defect resulting from misuse, abuse (including overloading of the product beyond capacity and immersion in water or other liquid), accidents, neglect or lack of proper installation, and improper maintenance or storage.

6.This warranty does not cover normal deterioration of the exterior finish including but not limited to scratches, dents, paint chips, or to any corrosion or discoloring by heat, abrasive and chemical cleaners.

## **WARRANTY CLAIM**

For warranty claims, please contact Litheli Customer Service at [service@lithe-li.com](mailto:service@lithe-li.com). You will need to submit a registration document or proof of purchase in the form of a valid receipt that displays the date and place of purchase.

Replacement products do not come with a new warranty. The warranty of the products will continue from the date of the original purchase.



**litheli tool**