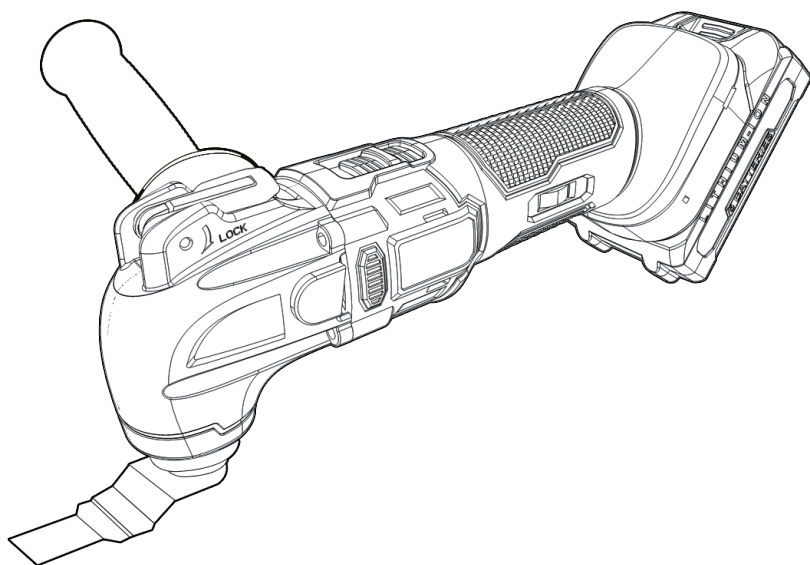


# 20V MAX\* OSCILLATION TOOL

# SEYVUM

## INSTRUCTION MANUAL

## MODEL: ST-BL13



Website: [www.seyvumtools.com](http://www.seyvumtools.com)  
Email: [support@seyvumtools.com](mailto:support@seyvumtools.com)

**SAVE THIS MANUAL FOR FUTURE REFERENCE.**

\*Maximum initial battery pack voltage (measured without a workload) is 20 volts.  
Measured under a workload, nominal voltage is 18.

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# SAFETY GUIDELINES DEFINITIONS

The information it contains relates to protecting your safety and preventing problems.  
The symbols below are used to help you recognize this information.



**DANGER:** Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury.



**WARNING:** Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury.



**CAUTION:** Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury.



**NOTICE:** Used without the safety alert symbol indicates a potentially hazardous situation that, if not avoided, may result in property damage.



Read instruction manual before using the tool.



Wear eye protection before using the tool.



Wear dust mask before using the tool.



Wear gloves before using the tool.



Do not expose power tools to rain or wet conditions.

## 1. Symbols

The label on your tool may include the following symbols. The symbols and their definitions are as follows:

|                     |                                         |
|---------------------|-----------------------------------------|
| V.....              | volts                                   |
| A.....              | amperes                                 |
| Hz.....             | hertz                                   |
| min.....            | minutes                                 |
| ~or AC.....         | alternating current                     |
| or DC.....          | direct current                          |
| ⚠.....              | safety alert symbol                     |
| .../min or rpm..... | revolutions or reciprocation per minute |
| opm.....            | oscillations per minutes                |

# GENERAL POWER TOOL SAFETY WARNINGS



## **CAUTION: TO REDUCE RISK OF INJURY**

- Before any use, be sure everyone using this unit reads and understands all safety instructions and other information contained in this manual.
- Save this manual and review frequently before using and instructing others.
- **DO NOT** point unit discharge at self or bystanders.



## **WARNING:**

When using an electric tool, basic safety precautions should always be followed to reduce risk of fire, electric shock, and personal injury.



## **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 paint, crystalline silica from bricks and cement and other masonry products, and arsenic and chromium from chemically treated lumber. **To reduce your exposure to these chemicals, wear approved safety equipment such as dust masks that are specially designed to filter out microscopic particles.**

## **1. Work area safety**

- **Operate the OSCILLATION TOOL in well-ventilated areas only.**  
Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- **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.
- **DO NOT** immerse any part of the unit in liquid.
- **DO NOT** handle charger, including charger plug, and charger terminals with wet hands.
- **KEEP CHILDREN, BYSTANDERS AND ANIMALS AWAY** from the work area a minimum of 30 feet (10 meters) when starting or operating the unit.
- **INSPECT THE AREA before using the unit.**  
Remove all debris and hard objects such as rocks, glass, wire, etc. that can be kickback, be

thrown, or otherwise cause injury or damage during operation.

## **2. Personal safety**

- **Use personal protective equipment. ALWAYS wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection use as appropriate conditions will reduce personal injuries.
- **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.
- **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.**
- 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.**
- **Do not let familiarity gained from frequent using of tools allow you to become complacent and ignore tool safety principles and the instruction manual.** A careless action could cause severe injury within a fraction of a second.

## **3. Power tools use and care**

- **USE ONLY** as described in this manual. **USE ONLY** manufacturer's recommended attachments. **USE ONLY** charger supplied by the manufacturer to recharge.
- **DO NOT CHARGE** the unit outdoors.
- **USE BATTERY-DRIVEN TOOLS ONLY** with specifically designated battery pack. Using any other batteries may create a risk of fire.
- **EXTRAORDINARILY CARE** in handling batteries in order not to short out the battery with conducting materials such as rings, bracelets and keys. **The battery or conductor may overheat and cause burns.**
- **DO NOT OPEN OR MUTILATE** the batteries. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
- **AVOID DANGEROUS ENVIRONMENTAL CONDITIONS – DO NOT** use electric units in damp or wet locations. Don't use the unit in the rain.

- **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.
- **AVOID** accidental starting. Ensure the switch is in the off position before connecting to power source and/or battery pack, picking up or carrying the tool.
- **DO NOT** use unit if switch does not turn it on or off. A unit that cannot be controlled with the switch is dangerous and must be repaired.
- **Hold the power tool tightly when using it.**
- **DISCONNECT** battery pack from unit or place the switch in the locked or off position before making any adjustments, changing accessories, or storing the unit.
- **DON'T OVERREACH.** Always keep proper footing and balance. This enables better control of the power tool in unexpected situations.
- Before turning the power tool on, remove any adjusting key or wrench. **A wrench or a key left attached to a rotating part of the power tool may result in personal injury.**
- **ACCURATELY USE UNIT** – DO NOT use this unit for any job except that for which it is intended.
- **DO NOT** allow to be used as a toy. **Close attention is necessary when used by or near children. Not recommended for use by children.**
- **STAY ALERT** – Watch what you are doing. Use common sense.
- **DO NOT** operate unit when you are tired. Keep handles and grasping surface dry, clean and free from oil and grease. Slippery handle and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.
- **DO NOT** attempt to repair the power tools. To assure product safety and reliability, repairs, maintenance, and adjustments should be performed by pro-workers.
- **MAINTAIN UNIT WITH CARE.** Keep unit clean for best and safest performance.
- **STORE IDLE UNITS.** When not in use, the power tool should be stored in a dry, high or locked-up place, out of reach of children.

## BATTERY CHARGER

### 1. Important safety instructions for battery charger

#### SAVE THESE INSTRUCTIONS:

This manual contains important safety instructions for battery chargers. Before using the charger, read all instructions and cautionary markings on the charger. Before using the battery pack and charger, read the safety instructions below. Then follow the charging procedures outlined.

#### **WARNING:**

Shock hazard. **DO NOT** allow any liquid to get inside charger.

#### **CAUTION:**

Burn hazard. To reduce the risk of injury, charge only designated batteries. Other types of batteries may burst to cause personal injury and damage.

#### **CAUTION:**

Under certain conditions, with the charger plugged into the power supply, the charger can be shorted by foreign material. Foreign materials of a conductive nature such as, but not limited to, steel wool, aluminum foil, or any buildup of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug the charger before attempting to clean.  
Read instruction manual before using the tool.

#### **WARNING:**

- **DO NOT** attempt to charge the battery pack with any chargers other than the ones in this manual. The charger and battery pack are specifically designed to work together.
- These chargers are not intended for any uses other than charging designated rechargeable batteries. Any other uses may result in a risk of fire, electric shock, or electrocution.
- **DO NOT** expose the charger to rain or snow.
- Pull by plug rather than cord when disconnecting charger. This will reduce the risk of damage to the electric plug and cord.
- Make sure that the cord of charger is located suitably so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.

- **DO NOT** use an extension cord. Use of improper extension cord could result in a risk of fire, electric shock, or electrocution.
- **DO NOT** operate chargers with damaged cords or plugs — have them replaced immediately.
- **DO NOT** operate the charger if it has received a sharp blow, been dropped, or otherwise damaged in any way. If the above problem occurs, please contact us at: support@seyvum-tools.com.
- **DO NOT disassemble charger, incorrect reassembly may result in a risk of electric shock, electrocution or fire.** When service or repair is required, contact us at: support@seyvumtools.com.
- Disconnect the charger from the outlet before attempting any cleaning. This will reduce the risk of electric shock. Removing the battery pack will not reduce this risk.
- **NEVER** attempt to connect two chargers together.
- The charger is designed to operate on standard household electrical power (120 Volts). **DO NOT** attempt to use it on any other voltage.
- **DO NOT** incinerate the battery pack even if it is severely damaged or is completely worn out. The battery pack could explode in fire. Toxic fumes and materials are created when battery packs are burned.
- **DO NOT** place the battery pack in water or let it get wet in the rain. Short circuit of battery will generate large current due to overheating and may cause fire or even breakdown.
- **DO NOT** charge or use the battery in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Inserting or removing the battery from the charger may ignite dust or fumes.
- Charge the battery pack timely before it is completely exhausted. When the power of the equipment is found to be low, please stop using and charge the battery pack.
- Please charge the hot battery pack only after cooling it down.
- **DO NOT** recharge the battery pack that fully charges already. Overcharging will cut down its service life.
- **Under abusive conditions, liquid may overflow in the battery. Please avoid contact.** If battery contents encounter the skin, immediately wash the area with mild soap and water. If battery liquid gets into the eyes, flush your eyes with water for 15 minutes or until irritation ceases. If medical attention is needed, the battery electrolyte for Lithium-Ion batteries is composed of a mixture of liquid organic carbonates and lithium salts.

## 2. Battery charger storage

- Put the charger in the room where the temperature is between 10 °C and 22 °C.
- The battery charger should be stored in a dry environment, and prevent any possible moisture from entering.

# BATTERY PACKS

## 1. Important safety instructions for battery packs



### CAUTION:

- This manual contains important safety instructions for battery packs. Before using the charger, read all instructions and cautionary markings on the battery pack. Before using the battery pack and charger, read the safety instructions below. Then follow the charging procedures outlined.
- **Use equipment only with specifically designated battery packs. Use of any other battery packs may cause a risk of injury and fire.**
  - **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may cause a risk of fire when used with another battery pack.

- **When not using the battery pack, 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. These objects may create short-circuit for the battery terminals causing burning or fire.
- **NEVER attempt to repair the damaged battery packs or the battery charger.** Service of battery packs should only be performed by authorized service provider (support@seyvum-tools.com).

**WARNING: Burn hazard**

Battery liquid may be flammable if exposed to spark or flame.

- **Charge the battery packs only with the charger specified by the manufacturer.**
- **DO NOT** splash or immerse in water or other liquids.
- **DO NOT** store or use the tool and battery pack in locations where the temperature may reach or exceed 105°F (40 °C) (such as outside sheds or metal buildings in summer).

**WARNING: Fire hazard**

**DO NOT** store or carry batteries in the condition that exposed battery terminals could contact metal objects.

For example, do not place batteries in aprons, pockets, toolboxes, product kit boxes, drawers, etc., with loose nails, screws, keys, etc.

Transporting batteries can possibly cause fire if the battery terminals inadvertently encounter conductive materials such as keys, coins, hand tools. The US Department of Transportation Hazardous Material Regulations (HMR) prohibits transporting batteries in commerce or on airplanes (i.e., packed in suitcases and carry-on luggage). **UNLESS** they are properly protected from short circuits.

Hence, when transporting individual batteries, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit.

## 2. Battery protection system

- The battery pack is equipped with a tool/battery protection system that automatically cuts off the output power of the motor to extend the tool and battery life.
- While working, the tool may stop running when the tool and/or battery are in the following conditions. This is due to the activation of the protection system, not a tool failure.
- **When the tool is overloaded:** At this time, please press the "OFF" button and remove the overload fault, when the tool does not work even after pressing the button, it is due to the automatic battery power stop function. Please charge the battery pack before use.
- **When the remaining power of the battery becomes low:** Please charge the battery pack.

**NOTICE:**

Lithium-Ion batteries should not be put in checked baggage.

**WARNING:**

**Never attempt to open the battery pack for any reason**

- **DO NOT** crush, drop or damage the battery pack.
- If the battery pack case is cracked or damaged, do not insert it into the charger.
- **DO NOT** use the battery pack or charger that have been received a hard crush, been dropped, or damaged in any way (i.e., pierced with a nail, hit with a hammer, stepped on). If your batteries are damaged, contact us at: [support@seyvumtools.com](mailto:support@seyvumtools.com), and we will inform you of the recycling details.

## 3. Battery storage suggestion

- The best storage place is one that is cool and dry, away from direct sunlight and excess heat or cold.
- Long-term storage will not harm the battery pack or charger.

**NOTICE:**

Lithium-ion battery packs should not be constantly kept in the state that power is exhausted. When you don't use your batteries very often, charge the battery to approximately 50% capacity at least once every six months.

## 4. Important charging notes

- Longest life and best performance can be obtained if the battery pack is charged when the air temperature is between 65°F and 75°F (18°- 24°C). **DO NOT** charge the battery pack in an air temperature below +40°F (+4.5°C), or above +105°F (+40.5°C). This is important and will prevent serious damage to the battery pack.
- **The charger and battery pack may become warm to the touch while charging.** This is a normal condition and does not indicate a problem.
- **To facilitate the cooling of the battery pack after use, avoid placing the charger or battery pack in a warm environment such as in a metal shed, or an uninsulated trailer.**

• **If the battery pack does not charge properly:**

1. Check the current in the outlet by plugging in other appliance, for example a lamp.
2. Move charger and battery pack to a location where the surrounding air temperature is approximately 65°F-75°F (18°-24°C).
3. If charging problems persist, contact us at: [support@seyvumtools.com](mailto:support@seyvumtools.com). **The battery pack should be recharged when it fails to produce sufficient power on jobs that were easily done previously.** Follow the charging procedure. You may also charge a partially used pack whenever you desire with no adverse effect on the battery pack.

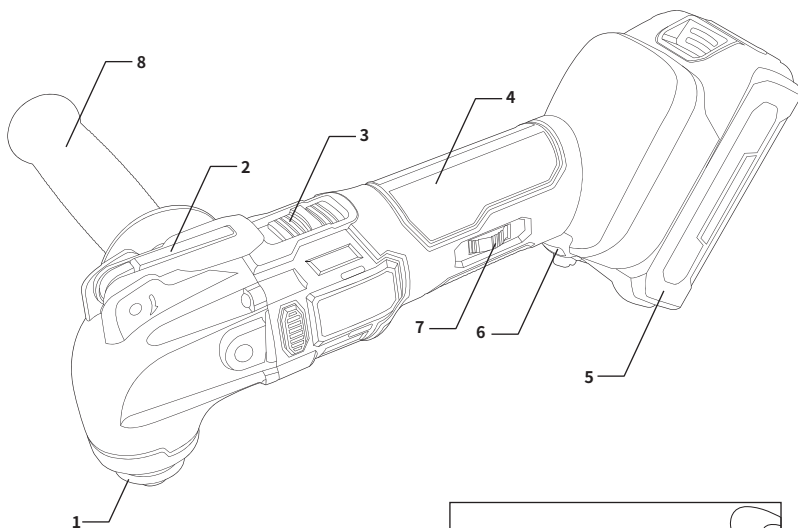


**WARNING:** Shock Hazard

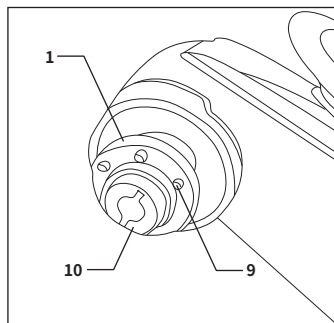
DO NOT allow any liquid to get inside the charger. Never attempt to open the battery pack for any reason.

## ASSEMBLY

### 1. Functional description



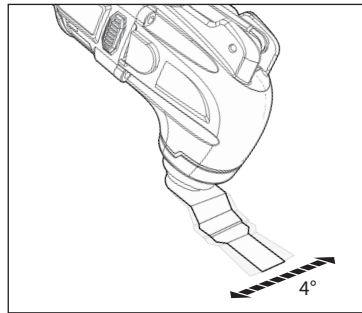
1. Accessory holder
2. Quick release lever
3. ON/OFF switch
4. Rear handle
5. Battery (with power display)
6. LED light
7. Variable speed dial
8. Auxiliary handle
9. Rib
10. Locking rod



## 2. Technical data

|                        |                      |
|------------------------|----------------------|
| MODEL                  | ST-BL13              |
| Voltage DC             | DC 20V               |
| Oscillation angle      | 4°                   |
| Speed Level /min (OPM) | 8000-20500 OPM       |
| Rated Voltage          | 100-240V AC, 50-60Hz |
| Force Voltage          | DC 20V               |
| Charging Current       | 1.0A                 |

\* Voltage measured without workload. Initial battery voltage reaches maximum of **【20V】**  
Nominal voltage is **【18V】** volts.



### NOTE:

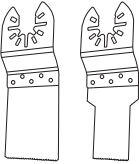
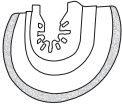
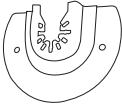
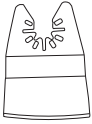
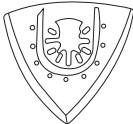
#### OPERATING SPEEDS

The SEVVUM oscillating tools have a high oscillating motion of 8,000 - 20,500 /min (OPM). To achieve the best results when working with different materials, set the variable speed control to suit the job. To select the right speed for the accessory in use, practice with scrap material first. The variable speed control settings are marked on the speed control dial. The settings for approximate /min (OPM) are:

| Speed Dial Setting | Speed Range / min (OPM) |
|--------------------|-------------------------|
| 1                  | 8,000                   |
| 2                  | 10,400                  |
| 3                  | 12,800                  |
| 4                  | 15,200                  |
| 5                  | 17,600                  |
| 6                  | 20,500                  |

## 3. Contain items

- |                          |                              |
|--------------------------|------------------------------|
| 1) Power tool*1          | 7) Handbag*1                 |
| 2) Sanding paper*15      | 8) User manual*1             |
| 3) Sanding pad holder*1  | 9) Battery*1                 |
| 4) Straight Blade*3      | 10) Charger*1                |
| 5) Scraper *1            | 11) Carbide grit Saw Blade*1 |
| 6) Semi Circular Blade*1 |                              |

| Accessory                                                                                                   | Material                                     | Application                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>BIM saw blade          | Wooden materials<br>Plastics<br>Metal        | Fast, deep plunge cuts in wood, abrasive wooden materials and plastics; example: fast cutting of non-ferrous metal pipes and profiles with smaller dimensions, easy cutting of non-hardened nails, screws and steel profiles with smaller dimensions.                                |
| <br>Carbide grit Saw Blade | Concrete<br>Cement<br>Ceramic tile           | Cutting and separating close to edges, in corners or hard to reach areas; For example: removing grouting joints between wall tiles for repair work, cutting openings in tiles, drywall.                                                                                              |
| <br>HCS segment saw blade  | Wooden materials<br>Plastics                 | Separating and plunge cuts; also for sawing close to edges, in corners and hard to reach areas; example: plunge cuts for adjusting floor panels.                                                                                                                                     |
| <br>Flexible scraper      | Carpet adhesive<br>Pain residues<br>Silicone | Removing adhesive material from carpet, concrete, and tile surfaces. For example: glue, carpet residue, caulk.                                                                                                                                                                       |
| <br>Sanding backing pad  | Depends on sanding sheet                     | Sanding surfaces close to edges, in corners or hard to reach areas, depending on the sanding sheet for, e.g., sanding wood, paint, varnish, stone. Fleeces for cleaning and for texturing wood, removing rust from metal and for keying varnishes, polishing felt for pre-polishing. |

[ Different blades are used for different materials. ]

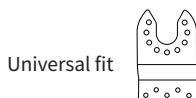
| Material                                                                                                                            | Application                                                            | Grit Size |                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------|
| All wooden materials<br>(e.g., hardwood,<br>softwood, chipboard,<br>building board), metal<br>materials, fiberglass<br>and plastics | For coarse-sanding,<br>e.g. of rough,<br>unplanned beams<br>and boards | Coarse    | 60<br>  |
|                                                                                                                                     | For face sanding                                                       | Medium    | 80<br>  |
|                                                                                                                                     | For planing small<br>irregularities                                    | Medium    | 120<br> |

## 4. Installing Accessory step by step guideline

**STEP 1:** Pull the Quick release lever.

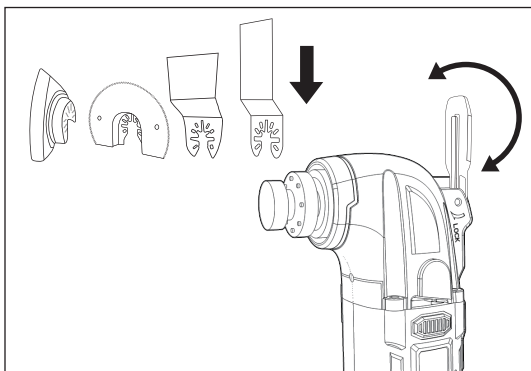
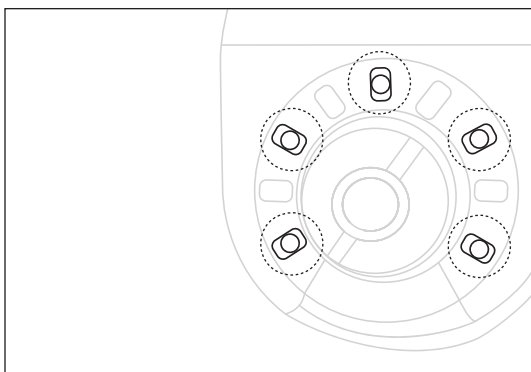
**STEP 2:** According to your need, choose an Accessory and put it on the Accessory holder.

**STEP 3:** Observe the fit interface on the accessory you select, and choose one of the following two ways to install accessory. The Fit interface are generally divided into two types :

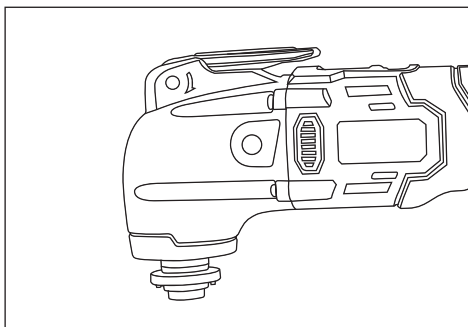


### ■ Universal fit:

(1) Place your accessory on the Accessory holder, make sure all the Ribs on the Accessory holder correctly fit in the holes of Accessory. The below figure illustrates the facades of each kind of blades, make sure the facades are upward facing.

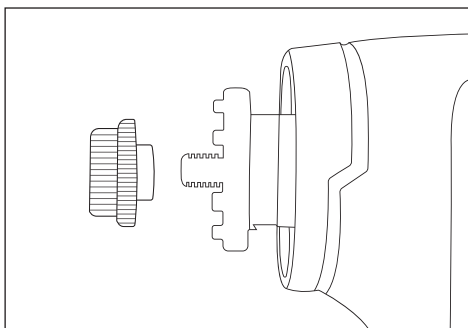


(2)Then, push the lock lever to its original position.

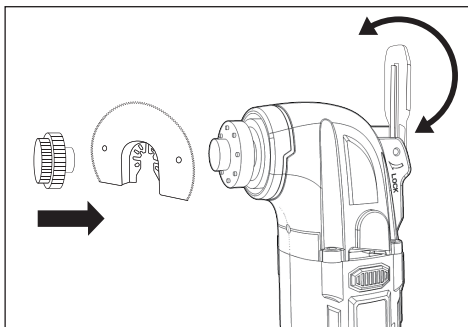


■ OIS Lock

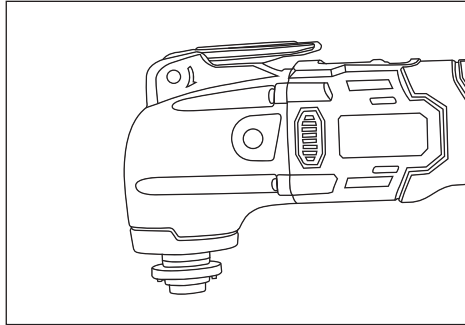
(1)Rotate counterclockwise and remove the locking rod.



(2)Place your accessory on the Accessory holder, make sure all the Ribs on the Accessory holder correctly fit in the holes of Accessory. The below figure illustrates the facade of blade, make sure the facade are upward facing.



**STEP 4:** Then, push the lock lever to its original position.



## 5. Installing Auxiliary handle

### CAUTION:

Always make sure the tool is turned off and the battery pack is unplugged before doing anything with the tool.

### WARNING:

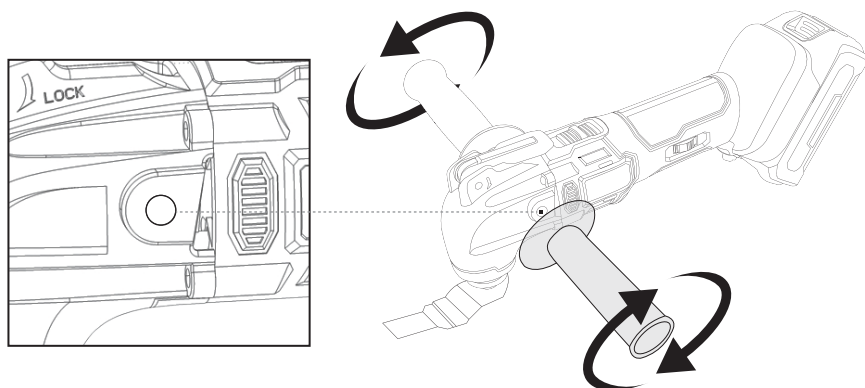
Do not install Auxiliary handle upside down. Installing the assembly upside down may damage the tool and cause serious personal injury.

### CAUTION:

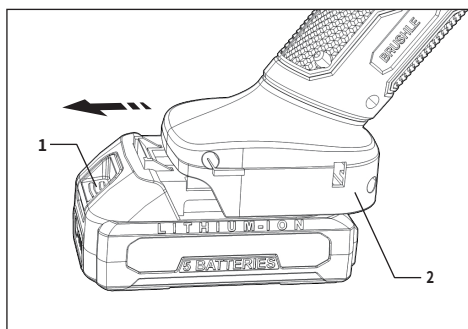
- **Be careful when closing the locking lever.** The locking lever may close suddenly and pinch your finger.
- **Clean the dust regularly and lubricate the movable part of the lock lever.** Otherwise, dust may accumulate on the moving part of the locking lever, preventing it from moving smoothly.
- Do not start the tool while the lever opens, it may cause a damage to the tool.
- The Auxiliary handle, used to guide and balance the tool, can be fixed on either side of the tool, depending on personal preference and operating habits.

**STEP 1:** To install the Auxiliary handle, turn the tool OFF and remove the battery pack before performing any assembly.

**STEP 2:** Thread the auxiliary handle into the desired position, follow the arrow in the below figure and securely tighten handle in place. The rotation shown in the figure is used to tighten the handle. If you want to remove the handle, rotate in the reverse direction.



## 6. Battery pack installing and removing



► 1. Button 2. Battery pack

- To remove the battery pack, slide it from the tool while pressing the button on the front of the pack.
- To install the battery pack, align the tongue on the battery pack with the groove in the housing and slip it into place. Insert it all the way until it locks in place with a little click.

### **⚠ CAUTION:**

Always install the battery pack fully until the click-lock cannot be seen. If not, it may accidentally fall out of the tool, causing injury to you or someone around you.

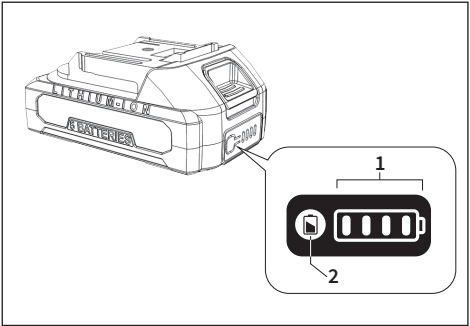
### **⚠ CAUTION:**

Do not install the battery pack forcibly. If the pack does not slide in easily, it is not being inserted correctly.

## 7. Power display for the battery

When the tool automatically stopped frequently, please check the remaining battery capacity and charge the battery.

Indicating the remaining battery capacity (on battery)



► 1. Indicating LEDs 2. Check button

Press the check button on the battery pack to indicate the remaining battery capacity. The indicating LEDs light up for a few seconds.

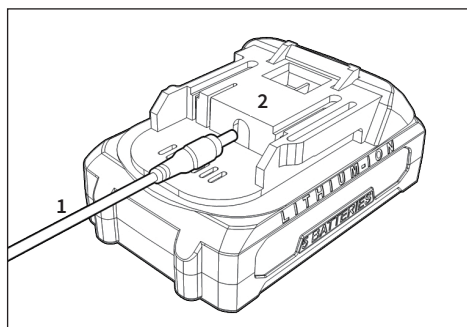
| Indicating LEDs                                                                              |                                                                                          | Remaining capacity |
|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------|
| <br>Lighted | <br>Off |                    |
|            |                                                                                          | 75% to 100%        |
|           |                                                                                          | 50% to 75%         |
|           |                                                                                          | 25% to 50%         |
|           |                                                                                          | 0% to 25%          |

**NOTE:**

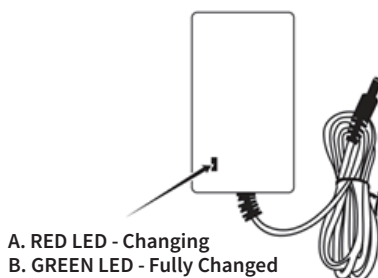
Depending on the conditions of use and the ambient temperature, the indication may differ slightly from the actual capacity.

## 8. Charger quick guide

For DC adapter charger



► 1. DC cable 2. DC charge port



1. Plug the charger into an appropriate outlet before inserting the battery pack.
2. Insert charging cable into port of the battery pack.
3. The red LED will be indicated that the battery is being charged.
4. The completion of the charge is indicated by the green LED remaining on continuously.

### NOTE:

- **Recharge discharged batteries as soon as possible after use, or the battery life may be greatly diminished.** For the longest battery life, do not discharge batteries fully.
- **Continuously charging the battery that is fully charged will affect the life of the machine, so the battery should be removed when the battery is fully charged.**

# MULTI-FUNCTION TOOL SAFETY WARNINGS AND INSTRUCTIONS



## CAUTION:

Read all warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. AND DO NOT allow persons unfamiliar with the equipment or these instructions to operate the equipment. The equipment is dangerous by untrained users.

### 1. Intended use

- This power tool is intended to function for sawing, cutting, grinding, and sanding.
- Use of equipment for operations different from those intended instructions could result in a hazardous situation.

### 2. Operating environment

- Operate the multi-function tool in well-ventilated areas only.
- **AVOID DANGEROUS ENVIRONMENTAL CONDITIONS – DO NOT use the multi-function tool in the rain, never let water and any liquid get inside the multi-function tool.**
- **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.
- **Keep work area clean and well. Cluttered or dark areas invite accidents.**
- **LED light** is an assistance to enhance visibility, but it **CAN NOT** be used as the only source of light in the working environment.
- **DO NOT operate multi-function tool in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** The equipment may create sparks which may ignite the dust and fumes.

### 3. About battery and charger

- **USE THE multi-function tool ONLY** as described in this manual. **USE ONLY** manufacturer's recommended attachments of the multi-function tool. **USE ONLY** charger supplied by the manufacturer to recharge, and **DO NOT CHARGE** multi-function tool's battery outdoors.
- **USE BATTERY OPERATED UNIT ONLY** with **specifically designated battery pack**. Use of any other batteries may create a risk of fire.
- **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.
- **DO NOT OPEN OR MUTILATE** the batteries. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.

### 4. Important details before using the multi-function tool

- **Wear safety glasses and hearing protection.** Further protective equipment for head, hands, legs and feet is recommended. Adequate protective clothing will reduce personal injury by flying debris or accidental contact with the blade.
- **DO NOT** operate a multi-function tool in a tree, on a ladder, from a rooftop, or on any unstable support. Operation of a multi-function tool in this manner could result in serious personal injury.
- **Always keep proper footing and operate the multi-function tool only when standing on fixed, secure and level surface.** Slippery or unstable surfaces such as ladders may cause a loss of balance or control of the multi-function tool.
- **Before turning the multi-function tool on, remove any adjusting key or wrench.** A wrench or a key left attached to a rotating part of the multi-function tool may result in personal injury.

- **Keep all parts of the body away from the blade or sandpaper when the multi-function tool is operating.** Before you start the multi-function tool, make sure the blade or sandpaper is not contacting anything.
- **AVOID** accidental starting. Ensure the switch of the multi-function tool is in the off position before connecting to power source and/or battery pack, picking up or carrying the multi-function tool.
- **Check for misalignment or binding of moving parts, breakage of parts and any other condition** may affect the equipment's operation. **If damaged, contact us ([support@seyvumtools.com](mailto:support@seyvumtools.com)) before use.**
- **DO NOT use multi-function tool if switch does not turn it on or off.** A multi-function tool that cannot be controlled with the switch is dangerous and must be repaired.
- **DO NOT** allow to be used as a toy. **Close attention is necessary when used by or near children. Not recommended for use by children.**
- **STAY ALERT – Watch what you are doing. Use common sense.**
- **DO NOT operate multi-function tool when you are tired. Keep handles and grasping surface dry, clean and free from oil and grease.** Slippery handle and grasping surfaces do not allow for safe handling and control of the multi-function tool in unexpected situations.



### **WARNING:**

- **DO NOT attempt to modify this multi-function tool or create accessories not recommended for use with this multi-function tool.** Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious injury.
- **To prevent accidental starting that could cause serious personal injury, always remove the battery pack from the multi-tool when assembling parts, making adjustments, or cleaning the tool.**

## **5. Protection system**

### **TOOL / BATTERY PROTECTION SYSTEM**

The tool is equipped with a tool/battery protection system. This system automatically cuts off power to the motor to extend tool and battery life. The tool will automatically stop during operation.

### **OVERLOAD PROTECTION**

When the tool is operated in a manner that causes it to draw an abnormally high current, the tool automatically stops without any indication. In this situation, turn the tool off and stop the application that caused the tool to become overloaded. Then turn the tool on to restart.

### **OVERHEAT PROTECTION**

Continuous operation of the tool will cause the battery temperature to rise and heat up. The tool will automatically stop without any instructions. In this case, the battery activates the temperature protection and reboots after tool cools.

### **LOW POWER PROTECTION**

When the battery capacity is not enough, the tool stops automatically. In this case, remove the battery from the tool and charge the battery.

## 6. Instructions for use

### CAUTION:

Ensure blades are not blunt or damaged in any way before commencing application.

- **Use clamps or another practical way to secure and support the workpiece to a stable platform.** **Holding the workpiece by hand or against your body.** To leave it unstable may lead to loss of control.
- **Hold the equipment firmly with both hands and make sure you have a stable footing.** The equipment can be more securely guided with both hands. Keep hands away from the operating area. **DO NOT** reach under the workpiece.
- Saw with suitable pressure in order to achieve the best outcome. The sawing speed and the sawing pressure depend on the material and the working conditions, it could be ascertained through practical tests.
- **DO NOT** force the equipment. Use the correct equipment for your application. The correct equipment will work better and be safer at the rate for which it was designed.
- When the cut is completed, switch to 0 and wait for the blade completely stop before removing the accessory from the tool.

### WARNING:

Do not touch the application tool or the workpiece immediately after operation, they may be extremely hot and could burn your skin.

## Cutting

BIM saw blade

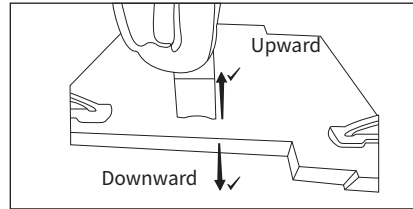
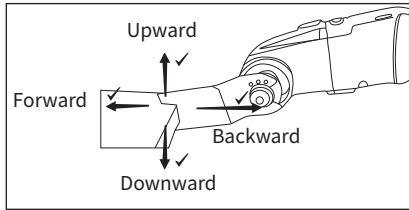
### CORRECT

- Always cut with a smooth back and forth motion.
- Never force the blade. Apply light pressure to guide the tool.

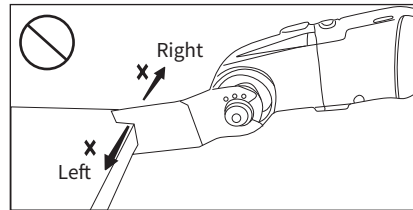
### INCORRECT

- Do not twist the tool while cutting. This could cause the blade to bind.
- When cutting, do not operate the blade laterally moving, which may cause the blade got stuck.

### CORRECT



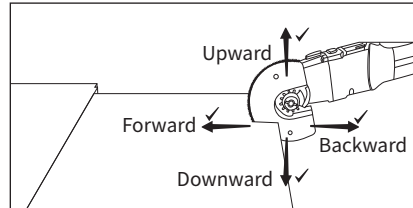
### INCORRECT



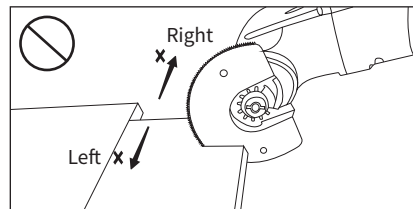
HCS segment saw blade

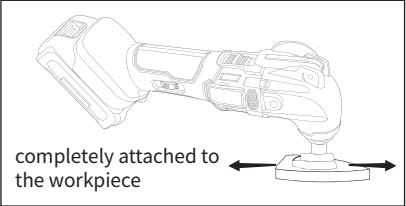
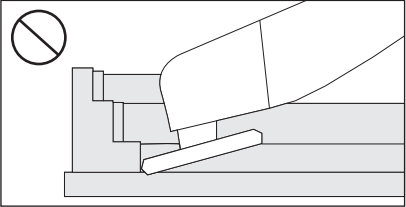
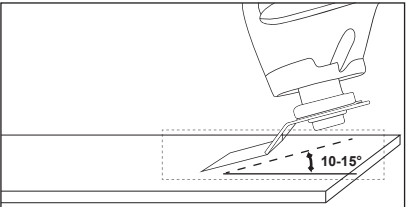
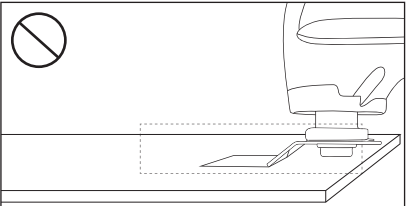
Carbide grit Saw Blade

### CORRECT



### INCORRECT



| Sanding           |                                                                                                                                                                                                                                            |                                                                                                                                                     |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Sanding accessory | <p><b>CORRECT</b></p> <ul style="list-style-type: none"> <li>Always sand with the pad and sandpaper flat against the work surface.</li> </ul>                                                                                              | <p><b>CORRECT</b></p>  <p>completely attached to the workpiece</p> |
|                   | <p><b>INCORRECT</b></p> <ul style="list-style-type: none"> <li>Avoid sanding with only the tip of the pad. Keep as much sandpaper in touch with the work surface as possible.</li> <li>Avoid tipping the pad. Always sand flat.</li> </ul> | <p><b>INCORRECT</b></p>                                            |
| Scraping          |                                                                                                                                                                                                                                            |                                                                                                                                                     |
| Flexible scraper  | <p><b>CORRECT</b></p> <ul style="list-style-type: none"> <li>Make sure that the tool is at an angle to the blade.</li> </ul>                                                                                                               | <p><b>CORRECT</b></p>                                             |
|                   | <p><b>INCORRECT</b></p> <ul style="list-style-type: none"> <li>Avoid screw head touching surface with flexible scraper blade.</li> </ul>                                                                                                   | <p><b>INCORRECT</b></p>                                          |

## Cutting

1. Ensure the workpiece is firmly held or clamped to prevent movement. Any movement of the material may affect the quality of the cutting.
2. Select speed and turn on the multi-function tool. It is recommended that select Level 4-6 on Variable-speed dial before cutting.
3. Control a suitable pressure and surface contact between accessory and workpiece.
4. To stop the tool, slide the switch back to the OFF position. Make sure the tool comes to a complete stop before laying the tool down.

### NOTE:

- If your cutting trail would be a long and straight line, HCS segment saw blade is highly recommended.
- While using the HCS segment saw blade, it is recommended that select Level 4-6 on Variable-speed dial before cutting.
- If you want to make precise cuts to allow for installing of flooring or wall material, the Straight blade is highly recommended.
- Use a slight pendulum motion when plunge cutting, and do not force the tool during the tool.
- If you experience a strong vibration in your hand during the plunge cut, this indicates that you are applying too much pressure.

### NOTE:

- If you want to remove grouting joints between wall tiles, Carbide grit Saw Blade is highly recommended.
- While using the Semicircle saw blade, it is recommended that select Level 4-6 on Variable-speed dial before cutting.
- To remove the grout, use a back and forth motion, making several passes along the groutline. The hardness of the grout will dictate how many passes are needed.
- Try and keep the grout blade aligned with the grout line and be careful not to apply too much side pressure on the grout blade during the process.
- To control plunge depth, use the carbide grit line on the blade as an indicator. Be careful not to plunge beyond the carbide grit line to avoid damage to the backer board material.

## CAUTION:

- Ensure blades are not blunt or damaged in any way before commencing application.
- DO NOT move on the tool forcibly in the direction (e.g., towards either side) of tool application with no cutting edge. It may damage the tool.
- DO NOT APPLY HEAVY PRESSURE to the multi-function tool. This would reduce work efficiency and may activate the OVERLOAD PROTECTION of the multi-function tool, and cause shut down to the tool.
- Especially pay attention to the operation pressure while using the Straight blade. Excessive pressure will bend down the blade, which would reduce work efficiency, and may activate the OVERLOAD PROTECTION of the multi-function tool.

## Sanding

Sanding accessories are suitable for dry sanding of wood, metal, surfaces, corners, and edges and hard to reach areas.

1. Ventilate your work area adequately when you perform sanding operations.
2. Properly clamp the workpiece.
3. Start the tool and allow it to reach full speed.
4. Sand with a continuous motion, use light pressure and long, sweeping, side to side strokes, advancing forward to produce the desired finish.

### NOTE:

- Rotations should be made occasionally during use to distribute wear over the fittings and liner surfaces.

## CAUTION:

- **DO NOT start sanding without having the sanding paper fitted.**
- **DO NOT use torn sanding paper, it will damage the sanding pad.** If you find your sanding paper is torn, you could purchase specialized and different multiple specifications sanding papers according to your needs, the optional places conclude home and garden stores, big box stores, engine shops and hardware stores.
- Always be certain that smaller workpieces are securely fastened to a bench or other support. Larger panels may be held in place by hand on a bench or sawhorses.
- **DO NOT** apply excessive pressure, let the tool do the work. Excessive pressure will result in poor handling, vibration, and unwanted sanding marks and premature wear on the sanding sheet.

### Scraping

1. **Turn the multi-function tool on and select the appropriate speed.**
2. Place the multi-function tool on the workpiece at an angle of approx 10 -15°.
3. Allow the scraper to do the work; **DO NOT APPLY HEAVY PRESSURE to the multi-function tool. This may activate the OVERLOAD PROTECTION of the multi-function tool, and cause shut down to the tool.**

#### NOTE:

- The Flexible scraper is used for hard to reach areas and softer material such as caulk, carpet adhesives and tile adhesives.

## CAUTION:

- **Ensure blades are not blunt or damaged in any way before commencing application.**
- **DO NOT** move on the tool forcibly in the direction (eg. towards either side) of tool application with **no cutting edge**. It may damage the tool.
- **DO NOT APPLY HEAVY PRESSURE** to the multi-function tool. This would reduce work efficiency and may activate the **OVERLOAD PROTECTION** of the multi-function tool, and cause shut down to the tool.

## 7. Important warnings while using the multi-function tool

- **For all accessories, work with the accessory away from the body. Never position hand near or directly in front of working area. Always hold the tool with both hands and wear protective gloves.**
- Hold the power tool tightly when using it.
- Make sure the application tool is not contacting the workpiece before the switch is turned on.
- Keep hands away from moving parts when using power tools.
- To stop the tool, always switch to 0 and wait for the blade to come to a complete stop before removing the blade from the tool.
- **Disconnect the battery pack from the equipment before making any adjustments, changing accessories, or storing the equipment.** Such preventive safety measures reduce the risk of starting the equipment accidentally.

## 8. Replacement accessory/sanding paper

As the number of times of use increases, the blades and sanding papers will be inevitably worn out. Using dull accessories could cause serious accidents to you and your machine.

**There are several signs that show if your accessories is worn out:**

1. Some teeth of the blade are missing.
2. The blade is chipped.
3. The blade is rusted.
4. You cannot make a work performance as well as you would have expected.

### NOTE:

- Properly using keeps it functional. However, over time, for your own safety and better working performance, you'd better replace the accessories as it will wear out all the time.
- **If you find your sanding paper is torn, you could purchase specialized and different multiple specifications sanding papers according to your needs, the optional places conclude home and garden stores, big box stores, engine shops and hardware stores.**



### WARNING:

To prevent accidental start, please ensure that the battery on the multi-function tool has been pulled out. And to prevent accidental cuts, please wear protective gloves.

## MAINTAINANCE

Check for misalignment or binding of moving parts, breakage of parts and any other condition may affect the equipment's operation. **If damaged, contact us (support@seyvumtools.com) before use.** Many accidents are caused by poorly maintained equipment.

### 1. Tips for maintaining tool

- Keep your tool in good repair by adopting a regular maintenance program. **Inspect your tool for issues such as undue noise, misalignment or binding of moving parts, breakage of parts, or any other condition that may affect the tool operation.**
- If you find these above issues, contact us at: support@seyvumtools.com.
- When not in use, the multi-function tool should be stored in a dry, high or locked-up place, out of reach of children.

### 2. Tips for maintaining maximum battery life

- Charge the battery pack in time before it is completely drained out. When you find that the power of the tool is low, stop the tool operation and charge the battery pack.
- **DO NOT** recharge a fully charged battery pack. Overcharging will shorten the life of the battery.
- Longest life and best performance can be obtained if the battery pack is charged when the air temperature is between °F 65°F and 75°F (18°C- 24°C).

### 3. Clean

- Never use solvents or other harsh chemicals for cleaning the tool, such as gasoline, benzene, thinner, alcohol, or similar items. These chemicals may weaken the materials used in these parts, and NEVER use flammable or combustible solvents around tools.
- **Never let any liquid get inside the tool, and never immerse any part of the tool into a liquid.**
- Use a **SOFT AND DRY CLOTH** to remove dust from the surface of the tool.

## HELPS

### - If the multi-function tool will not start

#### - Probable reasons & suggested method:

- Check if the battery is installed correctly.
- Read again the battery charging requirements and check for an error.
- Contact us at [support@seyvumtools.com](mailto:support@seyvumtools.com)

### - If the multi-function tool shuts down in use

#### - Probable reasons & suggested method:

- Check the battery's state of charge. If the battery is running out, please charge it. If not, it is probably because continuous use has triggered the over-temperature protection, please let the multi-function tool cool down and then restart.
- It is probably because the tool has been forced. Restart and apply appropriate pressure .

### - If the battery won't charge

#### - Probable reasons & suggested method:

- Insert battery into charger until red charging light illuminates. Charge up to 8 hours if battery is totally drained.
- Check the current in the outlet by plugging in other appliance, for example a lamp.
- Connect the charger to a normally functioning outlet, and charging another battery, refer to Important charging notes for more details. Check if this battery could be charge properly.
- Plug the battery into another SEYVUM tool and check if the tool works properly.
- Move charger and appliance to a surrounding air temperature of 18°C- 24°C.

### - If the sawing/sanding/scraping performance is below expectation

#### - Probable reasons & suggested method:

- Refer to **Instruction for use** section. Consider whether the operating pressure you applied is suitable or not, and whether the Accessory speed level you selected is suitable or not.
- Refer to **the accessories chart** section, read the introduction and intended usages of each accessory, consider whether the Accessory you selected is suitable or not.
- Please check if the Accessory blade is dull and need to be sharpen or replaced, please refer to **Replacement accessory/sanding paper**.

## If you have any other questions or suggestions about

- Anything about battery and charging
- Anything about the Accessory
- Any doubt about using the tool

**Please contact us at:**  
**[support@seyvumtools.com](mailto:support@seyvumtools.com)**

**[www.seyvumtools.com](http://www.seyvumtools.com)**



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**▶ How To Use  
SEYVUM Oscillating Tool**



**PDF User Manual**

# SEYVUM

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