

# LITTLE BEAVER

**20V BRUSHLESS VARIABLE-SPEED  
OSCILLATING MULTI-TOOL  
MODEL: DUECMT340**



**SAVE THIS MANUAL**

You will need this manual for safety instructions, operating procedures and warranty.  
Put it and the original sales receipt in a safe dry place for future reference.

## INTENDED PURPOSE

The device is intended for various works, such as cutting wooden parts, grinding, tile grout removal, etc. It is also suitable for machining soft wall tiles, sanding, and dry scraping of small surface areas.

In particular, it is suitable for machining next to edges.

Following the instructions in this manual will ensure the safe installation and use of the device.

The device is intended for private household use.

## TECHNICAL SPECIFICATION

Voltage: 20V

No Load Speed: 8000-20000 OPM

Degrees of Angle: 3.6



The vibration values can vary depending on the place of application.  
Exceptionally, the values can exceed the foregoing specifications.



The vibration propagation value specified was measured in accordance with the applicable standard and can be used for comparison with other devices.



The vibration emission value may be used for preliminary assessment of exposure to hazards.

Prolonged exposure to vibration can numb the arms and shoulders. To prevent this effect:

- Wear gloves made of soft material
- Stop working if you feel vibration-related discomfort.
- Hold the device firmly to decrease the vibration level.
- If the vibration level is high, contact a service center to have the tool repaired.

Noise generated by the device may cause hearing impairment. To avoid injury:

- Wear ear protection.
- Stop working if you feel noise-related discomfort.

## TECHNICAL SPECIFICATION

- If the noise is excessive or the device emits unusual noise, return the device for servicing.

Never wrap the device in fabric or other materials to lower the noise level. Should you do that, the device will not be ventilated properly. In such situations, heat generated by the device can produce fire or cause burns.

To minimize risk related injuries to the respiratory tract:

- Wear a dust mask.
- Frequently ventilate the room in which the work is performed.
- To minimize risk related to damaging the eyesight during work: Wear eye protection.

## SAFETY INSTRUCTIONS



Read all safety regulations and instructions. Failure to observe safety regulations and instructions may result in electric shock, fire, and/ or serious bodily injury. Follow all the safety instructions and Keep them for future reference.

The term "power tool" used in the warnings refers to electric tools powered from the mains (with power cord) and/or battery (without power cord).

### 1. Safety at work

- Keep the workplace clean and well-lit. Clutter and insufficient lighting can cause accidents.
- Do not use power tools in explosive environments containing flammable liquids, gases, or dust. Power tools produce sparks, which may ignite dust or vapor.
- When operating a power tool, keep children and other persons away from the workplace. Distraction may result in loss of control over the tool.

### 2. Electrical safety

- Make sure the power cord plug matches the mains socket. Do not modify the plug in any way. Do not use any plug adapter for powering tools requiring protective grounding. Unmodified plugs and matching power outlets lower the risk of electric shock.
- Avoid touching grounded objects, such as pipes, radiators, ovens, or refrigerators while operating the tool. The risk of electric shock is higher when the body of the

## SAFETY INSTRUCTIONS

individual operating the power tool is grounded.

- Never expose power tools to rain or moisture. Water penetrating into a power tool increases the risk of electric shock.
- Never use the power cord for any unauthorized purpose. Do not carry or hang the tool by the cord and do not pull the cord to remove the plug from the socket. Protect the cord from hot surfaces, oil, sharp edges, and moving parts of the device. Damaged or tangled cords increase the risk of electric shock.
- Use only approved extension cords for power tools operated outdoors. Using an extension cord certified for outdoor use reduces the risk of electric shock.
- If you cannot avoid using power tools in a humid environment, use an earth leakage current breaker (Residual-Current Device - RCD). This will minimize the risk of electric shock.

### 3. Personal safety

- Remain watchful and focused when operating a power tool. Use your good judgment. Power tools must not be operated by individuals who are tired or under the influence of drugs, alcohol, or medications. A moment's inattention when operating a power tool may result in serious injuries.
- Use personal protection equipment (PPE). Always wear protective goggles. Using PPE, such as a dust mask, anti-slip footwear, hard hat, or ear protectors, depending on the power tool type and purpose, will reduce the risk of injury.
- Secure the tool against unintended activation. Ensure that the on/off switch is set to "off" before connecting the power tool to the mains or battery, or before handling. Holding a finger on the on/off switch while carrying the device or connecting a device that is turned on to power supply can cause an accident.
- Disconnect all adjusting accessories and keys before switching the device on. Any such item, when connected to the moving parts of the power tool, can cause an injury.
- Do not overestimate your skills or strength. Make sure your working position is safe and always keep your balance. You will have better control over your power tool if anything unexpected happens.
- Wear suitable work clothes. Do not wear loose clothes or jewelry. Keep your hair, clothes, and gloves away from moving parts. Loose clothes, jewelry, or long hair can get caught in the moving parts.
- Make sure that dust extractors/absorbers, if any, are correctly connected and

## SAFETY INSTRUCTIONS

operated. Using dust-reduction devices decreases the level of dust related hazard.

- Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

### 4. Using and caring for power tools

- Do not overload power tools. For performing a given type of work, use a power tool designed for that purpose. Your work will be more comfortable and safer if you operate the tools within their specification/service ranges.
- Do not use any power tool if its on/off switch is damaged. A power tool which cannot be switched on or off is unsafe and must be repaired.
- Disconnect the tool from the mains before adjusting it, replacing accessories or putting it away. This precaution will prevent unintended operation of the tool.
- Keep unused power tools out of children's reach. Untrained persons or persons who have not read these instructions are not allowed to use power tools. Power tools operated by untrained individuals are unsafe.
- Keep power tools in good working order. Make sure that all the moving parts are correctly installed. Check them for cracks or any other damage which could affect the correct handling of the power tool. Many accidents are caused by the improper maintenance of power tools.
- Cutting tools should be kept sharp and clean. Properly maintained sharp edges of cutting tools reduce the probability of blocking and facilitate handling.
- Use your power tools, accessories, attachments, etc. in accordance with these safety instructions, for the intended purpose and type of work. Using a power tool for purposes other than its intended use may result in hazardous situations.
- Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

### 5. Cordless power tool operational safety

- Only charge using the charger recommended by the manufacturer. Using a charger intended for charging a different type of battery pack poses a risk of fire.
- Only use power tools with the dedicated battery pack. Using another battery pack can result in injuries or fire.

## **SAFETY INSTRUCTIONS**

- When the battery pack is not in use, store it away from metal items, such as paper clips, coins, keys, nails, screws, and any other small metal parts, which might short circuit the terminals. A short circuit of the battery terminals can result in burns or fire.
- Under unfavorable conditions, liquid can leak from the battery. Avoid contact with the liquid. In case of accidental contact with the liquid, rinse the affected body part with water. If the liquid gets into the user's eyes, seek medical assistance. The liquid leaking from the battery can cause irritations or burns.

### **6. Repair**

- The power tool must be repaired by qualified personnel using original replacement parts. Doing so will guarantee safe operation of the device.
- The device does not contain any user-serviceable parts. Do not attempt to repair it on your own. Always have the device repaired by a professional.
- Do not attempt to open the body or disassemble any part of the device. There are no user-serviceable parts inside the device.

### **7. Safety instructions for grinding, polishing, sanding, and cutting**

- This power tool is intended for grinding, polishing, sanding, and cutting. Observe all safety hints, instructions, descriptions and data accompanying the power tool. Failure to observe the recommendations below can create a risk of electrocution, fire and/or severe injuries.
- It is not recommended to use the power tool for wire brushing, etc. Using the device for unintended purposes can pose hazard and cause injuries.
- Never use equipment which is not designed or recommended by the manufacturer for this particular device. It may be possible to attach some accessories to this tool, but this does not guarantee their safe use.
- The maximum allowable rotational speed of the accessory cannot be less than the maximum rotational speed indicated on the device. An accessory rotating faster than the allowable RPM can break, and its components can fly off.
- The external diameter and the thickness of the accessory must correspond to the power tool dimensions. Incorrectly sized accessories cannot be properly shielded or controlled.
- Threaded mounting of the accessories must correspond to the thread of the power tool spindle. Openings in the accessory flanges must match the mounting diameter

## SAFETY INSTRUCTIONS

of these flanges. Accessories which do not exactly fit the power tool's grinding disk spindle will rotate unevenly, vibrate strongly, and can cause loss of control over the power tool.

- You must never use damaged accessories. Before every use, inspect the equipment, e.g. scraper, for chips and cracks, inspect the sanding pads for cracks and excessive wear, cutting blade for loose or broken. If the power tool or accessory is dropped, check whether it is broken, or use another undamaged tool. If the accessory has been checked and installed, turn on the power tool for one minute at the highest RPM, making sure the operator and anyone else in the vicinity are outside the zone of the rotating tool. Damaged accessories will most often break during this trial period.
- Wear personal protection equipment (PPE). Depending on the type of work, wear a protective mask covering the whole face, eye protection, or protective glasses. If necessary, use a dust mask, ear protection, protective gloves, or a special apron protecting against small particles from the abrasive and machined material. Protect your eyes against foreign objects that are ejected or float in the air when working. A dust mask and respiratory tract protection equipment must filter out dust generated during work. Prolonged noise can cause hearing impairment.
- Make sure any other persons are at a safe distance from the power tool exposure zone. Anyone in the vicinity of an operating power tool must use PPE. Shards from the machined item or broken accessories can fly off and cause injuries even outside the direct exposure zone.
- When performing work where the tool might contact concealed electric cables or the device's own power cord, hold the power tool only by the insulated surfaces of the handpiece. Contact with a mains wire can transfer voltage to metal parts of the power tool, which could result in electrocution.
- Keep the power cord away from rotating accessories. If you lose control over the device, the power cord could be cut or entangled, and your hand or entire arm could get caught in the rotating accessory.
- You must never put the power tool aside before the accessory fully stops. The rotating tool can contact with the surface it is laid on, which can result in losing control over the power tool.
- You must never carry the power tool when it is moving. Your clothes can accidentally get entangled in the rotating power tool and drive it into the operator's body.

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- Regularly clean the ventilation slots of the power tool. The motor fan can suck dust into the housing, and deposits of metal dust can pose an electrical hazard.

**Do not use the power tool near flammable materials. Sparks can ignite them.**

**Do not use accessories which need cooling fluids. Use of water or other cooling fluids can result in short circuit and electric shock.**

### 8. Kickback and appropriate safety hints

- Hold the power tool firmly, and position your body and hands so as to minimize kickback. If the standard accessories include an additional handpiece, always use it to maintain the best possible control over kickback or deflective forces during start-up. The operator can control the jerking and kickback by following appropriate safety measures.
- You must never hold your hands near the rotating accessories. The accessory can kick back your hand.
- Keep away from the zone within which the power tool could move during kickback. Due to kickback, the power tool moves in the direction opposite to the grinding disk's motion at the point of jamming.
- Observe particular caution when machining corners, sharp edges, etc. Prevent kickback and jamming of the accessories. A rotating accessory is more prone to jamming when machining angles, sharp edges, or when it is deflected. This can result in loss of control or kickback.
- Do not use blades for wood or toothed blades. Working tools of this type often cause kickback or loss of control over the power tool.

### 9. Particular safety hints for grinding and cutting with grinding disks

- Only use a grinding disk designed for the given power tool, and a shield designed for the given grinding disk. Grinding disks that do not constitute equipment of the given power tool may not be sufficiently shielded and are not safe enough.
- Dent grinding disks should be installed in such a way that their grinding surface does not project beyond the protection shield edge. A grinding disk that is not installed professionally and projects beyond the protection shield edge cannot be covered sufficiently.
- The shield must be firmly attached to the power tool, and its setting must guarantee the highest safety level possible. This means that the portion of the grinding disk



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facing the operator must be shielded to the greatest extent possible. The shield is used to protect the operator from flying shards and accidental contact with the grinding disk and sparks that could ignite clothes.

- Only use grinding disks for the tasks for which they are designed. For example, never grind using the side surface of a grinding disk intended for cutting. Cutting grinding disks are used for removing material with the disk edge. Lateral forces can break such disks.
- Always use undamaged attachment flanges of correct size and shape with the selected grinding disk. Appropriate flanges support the grinding disk, thus reducing the risk of its breaking. Flanges for cutting disks can differ from flanges for grinding disks.
- You must never use worn grinding disks from larger power tools. Grinding disks for larger power tools are not designed for higher RPM. Smaller power tools operate at higher RPM, which may break such grinding disks.

### 10. Additional safety hints for cutting with grinding disks








- Avoid jamming the cutting disk or applying excessive pressure. Do not cut too deeply. Overloading the cutting disk increases its load and tendency to jam or seize up, thus the possibility of kickback or breaking of the disk.
- Avoid the area in front of and behind a rotating cutting disk. If you move the cutting disk within the machined element away from you, the power tool with the rotating grinding disk may kick back directly at you.
- If the cutting disk jams or when taking a break, turn the power tool off and wait for the disk to stop completely. Do not try to withdraw the rotating disk from the cutting point, as this could result in kickback. Locate and remove the cause of the jam.
- Do not turn on the power tool again if it is still in the material. Before you start cutting again, the cutting disk should reach its full RPM. Otherwise, the disk can get caught, bounce from the machined material or cause kickback.
- Before machining, support tiles or large items to minimize the risk of kickback caused by the jammed disk. Large items can bend due to their own weight. Support the machined item from both sides, next to the cutting line and at the edge.
- Be particularly careful when cutting openings in walls or when working in other hidden areas. The cutting disk entering the material can cause the power tool to kick back if it contacts gas or water pipes, electric wires, or other things.

## SAFETY INSTRUCTIONS

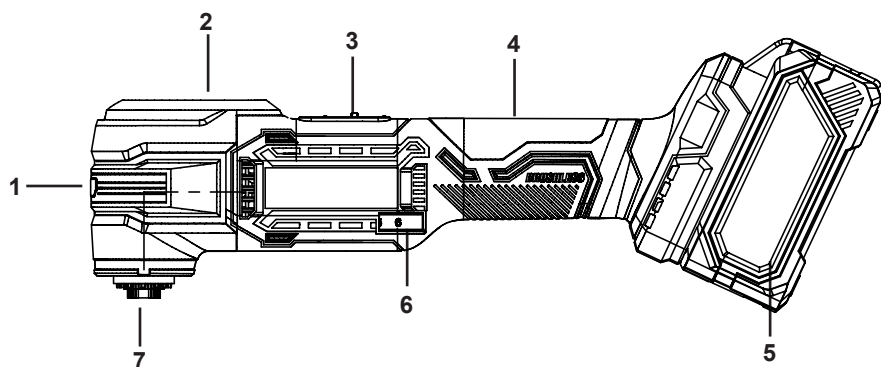
### 11. Other warnings

- **WARNING!** Do not machine material that contains asbestos (asbestos is carcinogenic).
- If, during work with the power tool, harmful, flammable, or explosive dust forms, use appropriate protective measures (as some dust are carcinogenic). It is recommended that you wear a dust mask and use a vacuum to clean dust and shards after work.

## EXPLANATION OF SYMBOLS

	The user must read the instruction manual in whole to reduce the risk of injuries.
	Wear a protective mask. When machining wood and other materials, harmful dust can form.
	Wear protective glasses. Eye injury risk from sparks, filings, chips, or splinters.
	Wear ear protection. Noise can cause progressive hearing impairment
	General warning sign, draws the attention of any operator to general hazards. It is combined with other warnings/instructions, which, if neglected, can result in injury or damage to the device.
	Disposal of waste electrical and electronic equipment - see the DISPOSAL section of this manual.
	Used, flat Li-ion batteries must be thrown out to specially marked containers, handed over to special waste collection points, or to electrical equipment dealers

## OVER VIEW



- 1. LED Light
- 2. Lever
- 3. On/off switch (I/O)
- 4. Anti-slip handle
- 5. Battery Pack
- 6. Speed dial
- 7. Tool drive spindle & tool holder

## PACKAGE CONTENTS

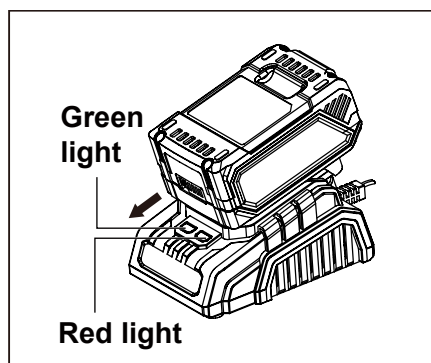
1. Connect the power supply, green light is ON.
2. Plug in the battery, charging is beginning, green light is OFF and red light is ON.
3. Fully charge finished, red light is OFF, green light is ON and keep lighting.

NOTICE: Please push the battery pack forward until you hear a click sound.

The click sound means the battery is properly inserted into the charger.

■ After the charging is completed, remove the battery pack from the charging stand immediately. When charging more than one battery pack, allow 15 minutes between charges.

■ After many charge/discharge cycles, your battery may lose its ability to hold a charge. If so, please replace it. Dispose of batteries at an appropriate waste disposal facility. Do not throw batteries away in common trash cans.



### Caution

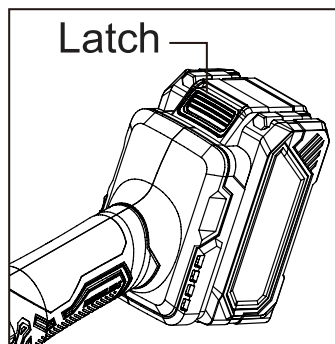
- Fully charge battery before first use.
- Avoid short periods of charging. Only charge battery pack when it completely runs out.
- In order to extend the battery life, fully charge it after each use and ensure that it is charged every three months; avoid storing batteries in cold places as low temperatures may cause them to fail.

## OPERATION

### Install or remove battery pack.

**To install:** slide battery pack into the bottom of the tool until you hear a click. Make sure the latch is in place and the battery is secured before operation.

**To remove:** Press the battery release latch and pull the battery pack out at the same time.



When the machine is obstructed, please turn off the switch right away and check if the work piece is right. An obstruction may cause the machine motor to be burned.

**REMEMBER:** This tool is cordless and does not need to be connected to a power supply.

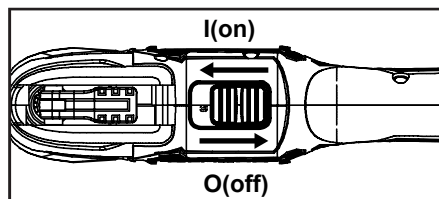
**CAUTION:** Do not expose either the tool or charger to the rain or water. It is best not to overcharge the battery as this may damage the battery. If the battery power is low, stop working and recharge the battery pack. To prolong the life of the tool, do not work continually for more than 20 minutes at a time.

## 2. SWITCHING ON/OFF

- Make sure the battery is fully charged, and the on/off switch is set to "O"(Off).
- Install the selected accessory (see the description below).
- To start the tool, push the On/Off switch forward so that the "I"(on) is indicated on the switch.

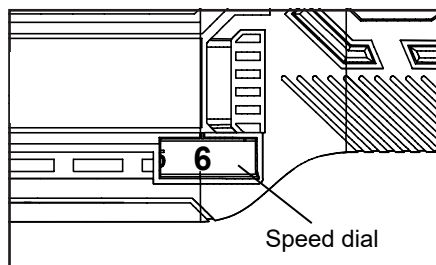
## OPERATION

- To switch off the tool, push the On/Off switch toward the rear so that the "O"(off) is indicated on the switch.



### 3. OSCILLATION SPEED CONTROL

- You can set the oscillation speed in the range from "1" (8000opm) to "6" (20000opm). This tool is equipped with a variable speed dial. The speed may be controlled during operation by presetting the dial in any one of six positions.



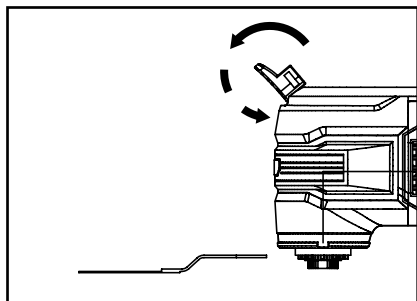
This oscillating tool consists of a DC universal motor and oscillating mechanism to perform applications such as cutting, grout removal, scraping, sanding and more. It has a high oscillating motion of 8000-20000/min(OPM). The high speed motion allows the multi-tool to achieve excellent results. The oscillating motion allows the dust to fall to the surface rather than slinging particles into the air. To select the right speed for the accessory in use, practice with scrap material first.

**Note: the higher the number on the speed dial the faster the oscillation of the multi-tool.**

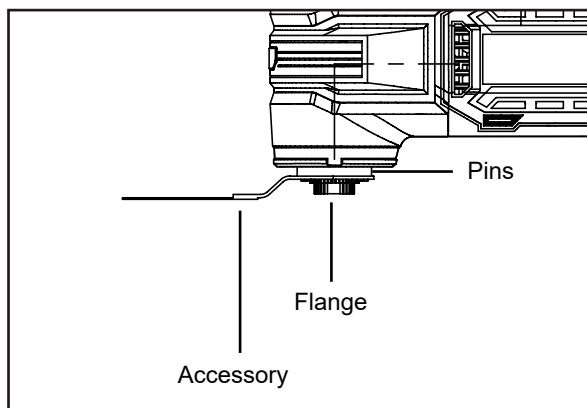
## OPERATION

### 4. INSTALLATION/REMOVAL OF THE GRINDING ATTACHMENT; SCRAPER, BLADE FOR PLUNGE CUTS

- Step 1: Raise the accessory locking lever until the flange lowers.



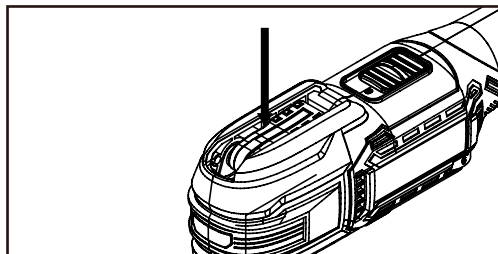
- Step 2: Place accessory onto the interface, making sure the accessory engages all pins on the interface and the accessory is flush against the accessory holder. Note: Ensure that the accessory is sitting flat on spindle and locking pins.



Note: This flange can be rotated to adjust the tightness of the accessory.

## OPERATION

- Step 3: Lock the accessory lever to secure the accessory. (There will be a clicking sound if the lever has been locked tightly).



Check whether the accessory is installed and fixed properly. Accessories, which are improperly or carelessly installed can loosen during work and pose a danger to the operator.

**Note: follow this procedure in reverse to remove accessories.**

### 5. ACCESSORY SELECTION

Select the accessory depending on the workpiece material, in accordance with the table below:

Accessory	Material	Application
Blade for plunge cuts	Material Wood, plastics, plaster	Dividing and plunge cuts, also for cutting near surface, in corners and hard to reach places; Example: narrow plunge cuts in solid wood for a ventilation grille
Grinding attachment + sanding paper	Wood	Flat grinding on edges, in corners, or hard to reach places; depending on the sanding paper type
Scraper	Ceramic tiles, cladding, glue	Scraping on a hard surface; Example: removal of adhesive for carpets and ceramic tiles

### 6. APPLICATION EXAMPLES OF CERTAIN ACCESSORIES

Scraper - scraping glue off the workpiece.



## OPERATION

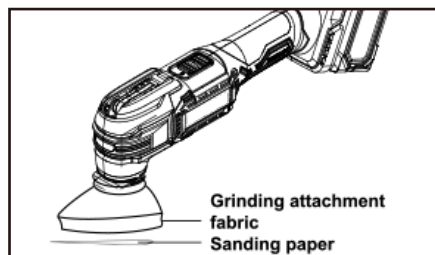
- Install the scraper in the device.
- Turn the device on and set the highest possible value using the oscillating speed controller.
- When the device reaches the maximum speed, place the blade on the machined surface and raise the device's rear part slightly to form a small angle between the machined surface and the blade.
- Approach the material to be removed slowly with the blade.
- Do not overload the device - if you move the device slowly, the cutting will be more accurate, and the risk of cutting grooves in the material will be reduced.
- Turn off the device when finished.

### 7. INSTALLATION/REMOVAL OF SANDING PAPER ON THE GRINDING ATTACHMENT

- To attach the sanding paper, first install the grinding attachment.
- Make sure the device is turned off before installing/changing sanding paper.
- The grinding attachment is equipped with hook and loop fabric, which allows quick and easy installation of the sanding paper with Velcro mounting. For the best grip, clean the grinding attachment hook and loop fabric before attaching the sanding paper.
- Apply the sanding paper to the hook and loop fabric on the grinding attachments.
- To remove the sanding paper, grab one of its ends and peel off the grinding attachment.



Check whether the accessory is installed and fixed properly. Accessories which are improperly or carelessly installed can loosen during work and pose a danger to the operator.



## OPERATION

### 8. SANDING PAPER SELECTION

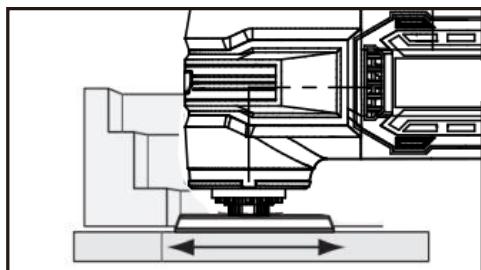
Depending on the workpiece material type, and the required material removal degree, use appropriate sanding paper.

Grit	Application
60(Sold Separately)	For preliminary sanding of e.g. rough, non-planed beams and boards
80/100	For flat sanding and evening out minor irregularities
120	For flat sanding and evening out minor irregularities

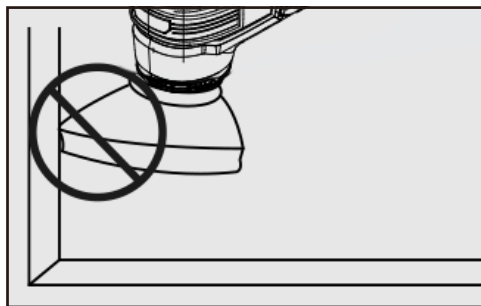
### 9. RELATED OPERATION TIPS

Following these instructions will help you to get the highest performance out of your oscillating tool.

**Correct:** Sand with a smooth back and forth motion, allowing the weight of the tool to do the work.

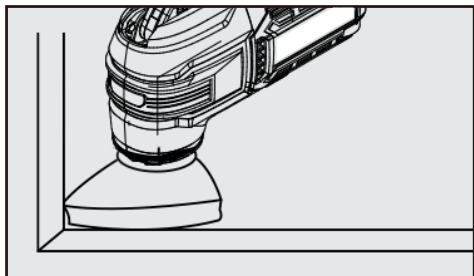


**Incorrect:** Avoid sanding with only the tip of the pad. Keep as much sand paper in touch with the work surface as possible.

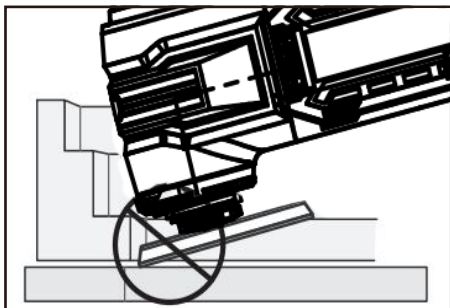


## OPERATION

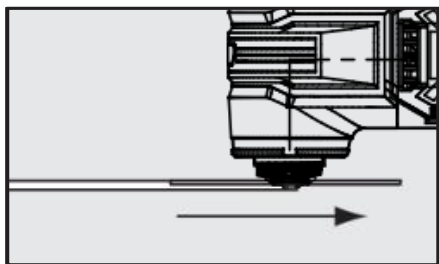
**Correct:** Always sand with the pad and sandpaper flat against the work surface. Work smoothly in a back and forth motion.



**Incorrect:** Avoid tipping the pad. Always sand flat.

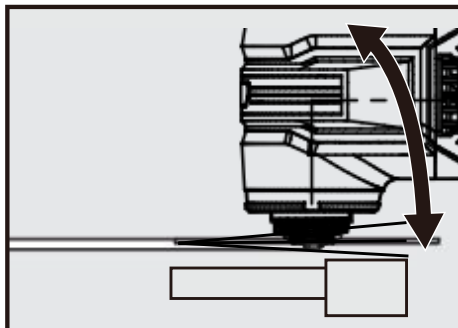


**Correct:** Always cut with a smooth back and forth motion. Never force the blade. Apply light pressure to guide the tool.

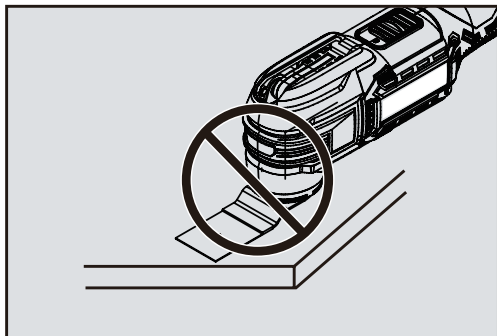


## OPERATION

**Incorrect:** Do not twist the tool while cutting. This can cause the blade to bend and break.



**Incorrect:** Avoid screw head touching surface with flexible scraper blade.



## CLEANING AND CARE

- Correct and regular cleaning will improve the safety of the product and extend its lifetime
- **Warning!** Before performing cleaning and maintenance operations, turn the device off.
- Disconnect it from the power source, and let it cool down, so as to avoid burns and electric shock.
- The protective devices, ventilation openings, and the motor housing should always be free of dust and other contamination.
- Wipe the device with a damp cloth or blow it down with low-pressure compressed air. It is recommended that you clean the device immediately after every use.
- Protect the interior of the device from water penetration.
- Clean the bag with a damp cloth. Leave to dry.

**Caution!** Do not use any chemical, alkaline, abrasive, or disinfecting substances for cleaning as they can damage the surfaces of the device

## REPAIR AND MAINTENANCE

The device does not contain any user-serviceable parts. Do not attempt to repair the device on your own. Always have a specialist perform repairs.

## STORAGE AND TRANSPORT

- Clean the device in accordance with the instructions and leave it to dry completely. It is recommended that the device be stored in its original packaging.
- Always keep the device in a dry, well-ventilated place inaccessible to children.
- Protect the device against vibration and shock during transport.
- Use the device handle(s) for holding/carrying it.

## DISPOSAL

All the packaging materials are 100% recyclable, and are labelled as such. Dispose of the packaging in accordance with local regulations.

Keep the materials out of children's reach, as the materials can pose a hazard

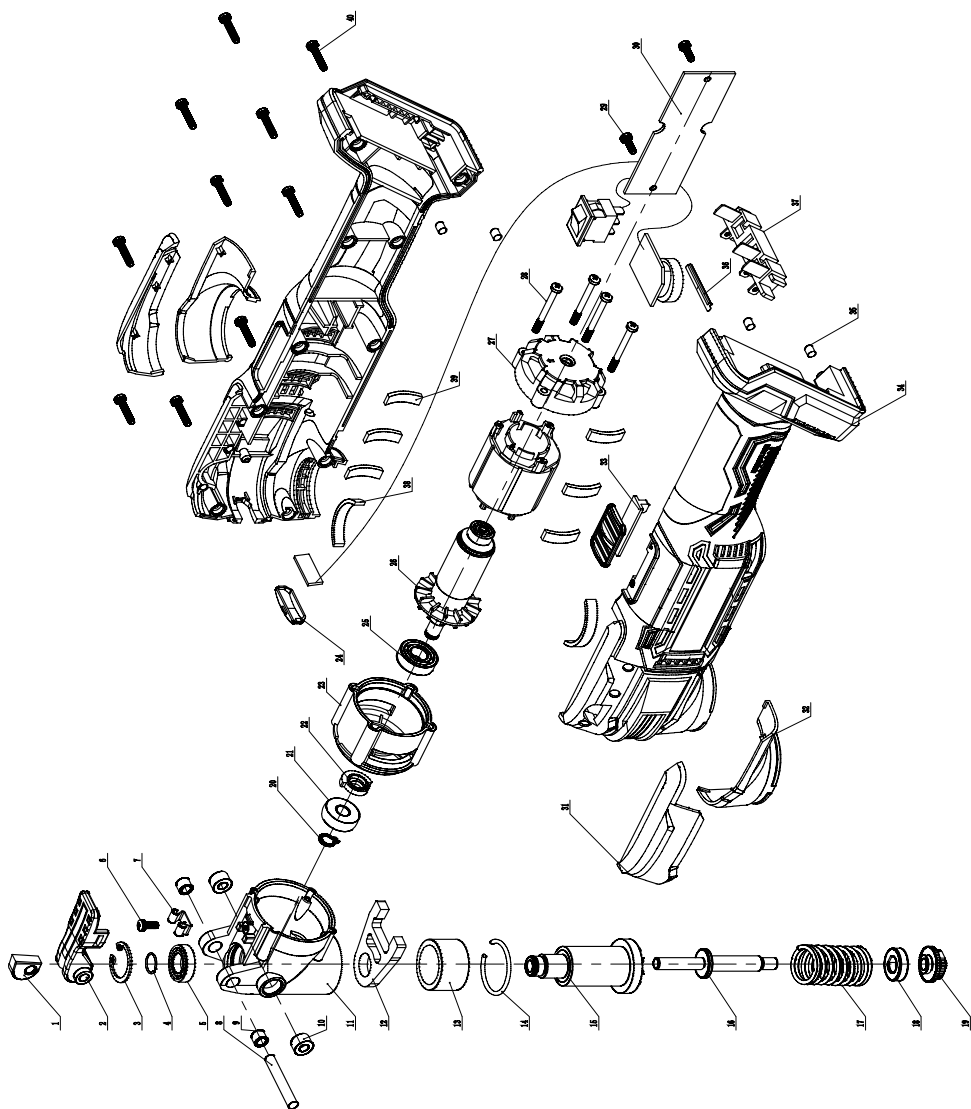
## PROPER DISPOSAL OF THE DEVICE:

- The crossed-out wheelie bin symbol (shown on the side) is used to label all electric and electronic devices requiring segregation.
- After the end of its useful lifetime, this product cannot be disposed of as normal municipal waste, it must be turned over to an electrical and electronic equipment collection and recycling point. The crossed-out wheelie bin symbol placed on the product, instruction manual or package communicates this requirement.
- The plastics contained in the device can be recycled in accordance with the specific marking.
- Thanks to recycling, reusing of materials or other forms of utilizing used equipment, you make a significant contribution to the protection of our natural environment.
- Information on electric and electronic devices collection locations is available from local government agencies or from the dealer.
- Spent or fully discharged disposable and rechargeable batteries must be discarded in dedicated labelled bins, turned over to hazardous waste collectors or returned to electric equipment dealers.

## PARTS LIST

No.	Description	Qty.	No.	Description	Qty.
1	Unlock Block	1	21	Bearing, S607	1
2	Release Lever	1	22	Balance Block	1
3	Circlip	1	23	Motor Front Cover	1
4	Shaft Circlip	1	24	LED Transparent Cover	1
5	Ball Bearing, 6800-2RS	1	25	Ball Bearing, 699-2RS	1
6	Screw M3×8	1	26	Brushless Motor	1
7	Spring Clip	1	27	Motor Back Cover	1
8	Needle Roller	1	28	Screw M3×70	4
9	Shaft Sleeve	2	29	Screw ST2.9×10	2
10	Shock-absorbing Rubber Sleeve	2	30	PCB	1
11	Gear Box	1	31	Upper Decorative Cover	1
12	Block of Togger	1	32	Lower Decorative Cover	1
13	Bearing, HK202616	1	33	Switch push rod	1
14	Circlip	1	34	Housing	1
15	Output Shaft	1	35	Shock absorbing rubber column	4
16	Bolt	1	36	Baffle	1
17	Spring	1	37	Battery clip assembly	1
18	Spring Pressure Block	1	38	Shock absorbing rubber pad2	2
19	Flange	1	39	Shock absorbing rubber pad1	6
20	Shaft Spring Washer	1	40	Screw ST2.9×16	11

# SCHEMATIC DRAWING





**LITTLE BEAVER**