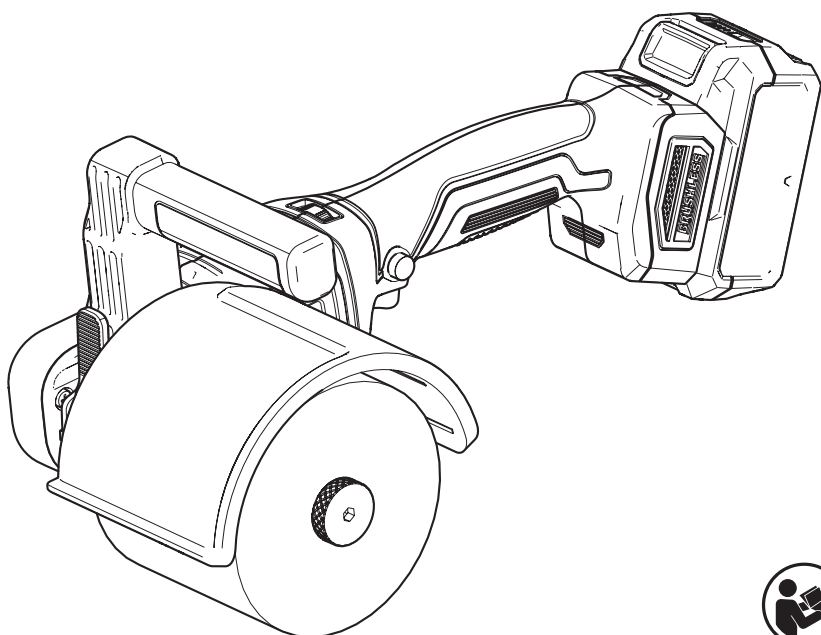


EVOLUTION™

S120 SCT Li

139-0001

Original Instructions



139-0901

MACHINE SPECIFICATIONS	
Model No.	139-0001
Voltage	18V d.c.
No Load Speed	500 – 2750min ⁻¹
Barrel Diameter	120mm
Barrel Length	100mm
Weight	2.3kg
NOISE & VIBRATION DATA	
Sound Pressure Level L _{pa}	77 dB (A)
Sound Power Level L _{wa}	85 dB (A)
Uncertainty K _{pa} & K _{wa}	3 dB (A)
Vibration a _h	5.69 m/s ²
Vibration K	1.5 m/s ²

LABELS & SYMBOLS	
	Warning
	Direct Current
	Read instructions
	Wear Safety Glasses
	Wear Dust Protection
	CE Certification
	Waste Electrical & Electronic Equipment
	Triman – Waste Collection & Recycling

RECOMMENDED BATTERY & CHARGERS		
2Ah Battery	R18BAT-Li2	EBAT18-Li-2
4Ah Battery	R18BAT-Li4	EBAT18-Li-4 EHPB18-Li-4
5Ah Battery	R18BAT-Li5	EBAT18-Li-5
8Ah Battery	R18BAT-Li8	EHPB18-Li-8
Single dock charger	R18RCH-Li1	EFC18-Li
Double dock charger	R18RCH-Li2	EMC18-Li

INTENDED USE OF THIS POWER TOOL

The **Evolution S120SCT-Li Cordless Surface Conditioning Tool** is designed for cleaning, finishing, blending, and polishing a variety of metal surfaces. It is suitable for removing rust, paint, oxidation, and surface imperfections, as well as for preparing materials prior to coating or welding. Use only with manufacturer-approved battery packs and accessories.

GENERAL POWER TOOL SAFETY WARNINGS

⚠ WARNING: Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference. The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

WORK AREA SAFETY

- **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.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

ELECTRICAL SAFETY

- **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.**

Unmodified plugs and matching outlets will reduce the risk of electric shock.

- **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.
- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

PERSONAL SAFETY

- **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.
- **Use personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your

finger on the switch or energising power tools that have the switch on invites accidents.

- **Remove any adjusting key or wrench before turning the power tool on.** A wrench or key left attached to a rotating part of a power tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities, ensure that these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- **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.

POWER TOOL USE AND CARE

- **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at a rate for which it was designed.
- **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.

- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
- **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.

BATTERY TOOL USE AND CARE

- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **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 a fire.

- **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.
- **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
- **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

SERVICE

- **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.
- **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

ADDITIONAL SAFETY WARNINGS

- **Wear a suitable dust protection mask.** The dust produced when using this tool may be harmful to the health of the operator or bystanders.

RESIDUAL RISKS

Even with application of safety standards and using the tool as prescribed, certain residual risks can remain:

- Risk of personal injury due to prolonged use.
- Risk of injury caused by dust.
- Risk of injury caused by flying objects.
- Risk of burns due to accessories becoming hot.

STORAGE

- Store the device and its accessories in a dry and dustproof location.
- Store it out of the reach of children.
- Store the bits separately to avoid mechanical damage or confusion with other tools.
- Protect the bits from excessive heat (e.g. by storing near heating pipes or steam pipes) and from UV radiation.
- If you intend to store a battery for a period without use then store battery at room temperature (0°C to 20°C). When storing for very long periods boost charge the battery once per year to prevent over discharge. The ambient temperature range for tool and battery use: 0°C to 40°C. The charging temperature: 5°C to 40°C.

CLEANING

- The device must not be sprayed with water or placed in water. Otherwise there is a risk of electric shock.
- Keep the device, handle and the accessories clean. Use a dry cloth or brush to do this. Do not use any cleaning agents or solvents. They could damage the device irreparably. Do not use water or metal objects.

MAINTENANCE

If a fault develops, disconnect the battery immediately and contact Evolution Power Tools Customer Service. Do not attempt to repair the tool.

ADDITIONAL BATTERY AND CHARGER SAFETY WARNINGS

⚠ WARNING: Read the safety warnings and instructions provided in the battery manual and the charger manual before operation.

ENVIRONMENTAL PROTECTION



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

NOISE WARNING

⚠ WARNING: The noise emissions during actual use of the power tool can differ from the declared values depending on the ways in which the tool is used especially what kind of workpiece is processed.

PRODUCT OVERVIEW KEY (FIG. 1)

- A. 6-Position Speed Dial
- B. On/Off Lock Button
- C. On/Off Trigger
- D. Drum Guard
- E. Handle
- F. Hex Key
- G. Guard / Handle Locking Lever
- H. Drum Lock Button

ITEMS SUPPLIED

- 1 x Sanding Drum
- 1 x Finishing Drum

OPERATION

⚠ WARNING: Disconnect the battery from the tool before making any adjustments, maintenance checks or cleaning.

⚠ WARNING: Ensure any work material is clamped securely before using the tool.

- Set the desired speed by turning the speed dial **(A)**. 1 = Lowest speed. 6 = Highest speed.
- Adjust the drum guard **(D)** by unlocking the locking lever **(G)** and moving into the desired position. Lock into place once the position has been achieved.
- Hold the tool securely with both hands, with one holding the body of the tool and the other firmly holding the handle **(E)**.
- Hold down the On/Off trigger **(C)** to start the tool.
- Allow the tool to reach full speed before making contact with the work surface.
- For extended use, the tool may be used in a locked 'On' position. While the On/Off trigger **(C)** is engaged, press the On/Off lock button **(B)** inward. To unlock, push the On/Off lock button again.
- Release the On/Off trigger to stop the tool.

DRUM REPLACEMENT

- Disconnect the battery from the tool.
- To remove the drum, press down on the drum lock button **(H)** **(FIG. 2)** and loosen the drum screw with the supplied hex key **(F)**.
- Carefully remove the drum.
- To replace the drum, check that the two drum keys **(I)** are inserted into opposite sides of the drive armature **(J)** **(FIG. 3)**.
- Align the internal splines of the drum with the drive armature and slide it on.
- Lock in place by tightening the drum screw with the hex key. **(FIG. 4)**

FIG. 1

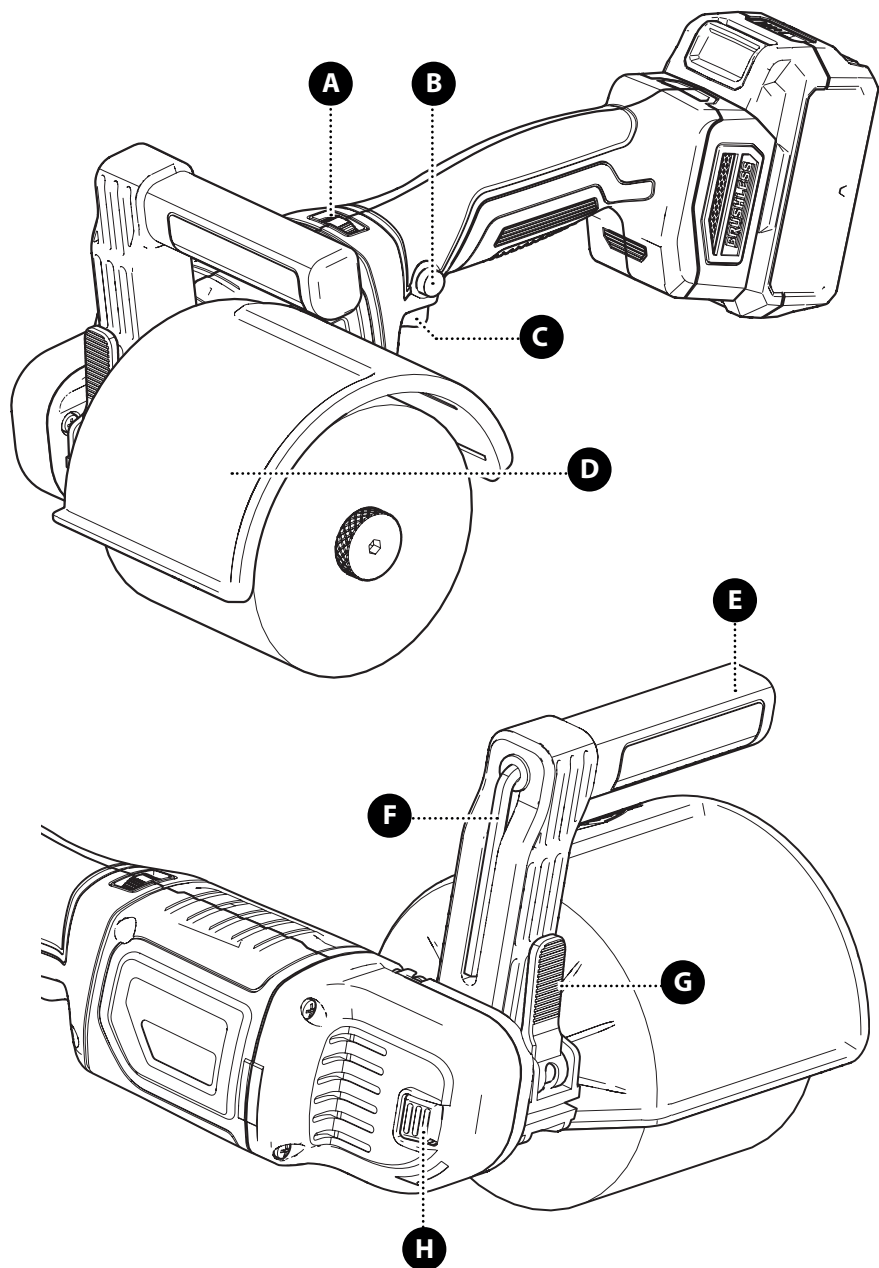


FIG. 2

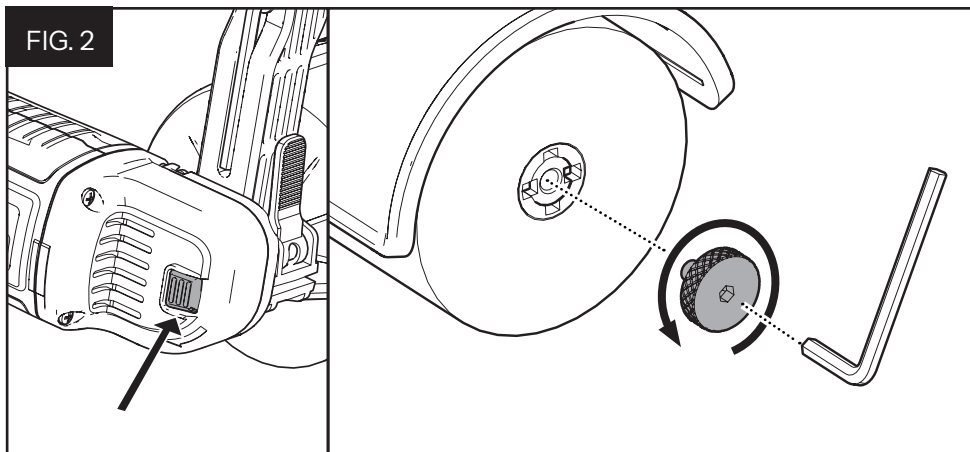


FIG. 3

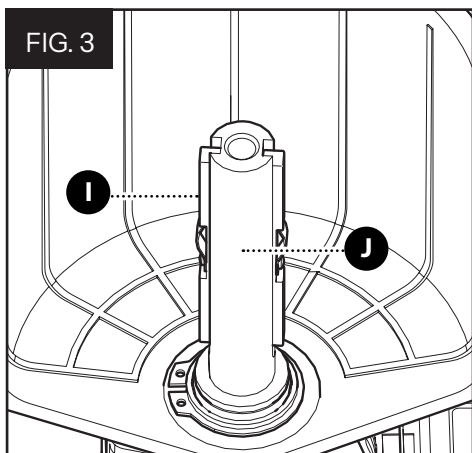
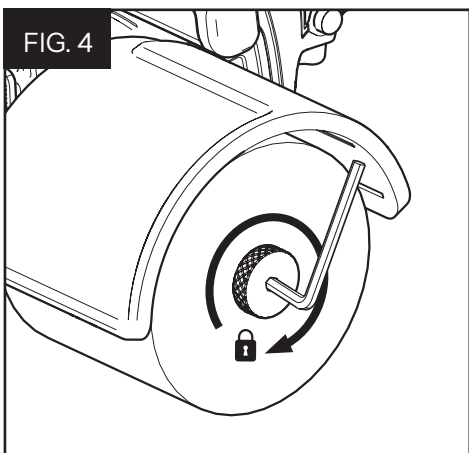


FIG. 4



DECLARATION OF CONFORMITY



Evolution Power Tools Ltd. declares that this product:

S120SCT-Li Surface Conditioning Tool

Model: 139-0001, 139-0001A, 139-0001B, 139-0001C

Brand: Evolution

Complies with the following directives and standards:

**1907/2006, 2006/42/EC, 2014/30/EU, 2011/65/EU &
(EU)2015/863, 2012/19/EU.**

EN 62841-1:2015/A11:2022

EN ISO 12100: 2010

EN IEC 55014-1:2021

EN IEC 55014-2:2021

The undersigned technical document holder makes this
declaration on behalf of Evolution Power Tools Ltd.

A handwritten signature in black ink, appearing to read 'B. Bloomer'.

Barry Bloomer

CEO

Date: 22/10/25

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