

PCT54C

GB Instructions for use



ELPRESS®

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Symbols



Safety warning

This type of instruction must be observed in order to avoid personal injury or environmental damage. After this symbol there is often another symbol indicating what the warning relates to.



Handling warning

This type of instruction must be observed in order to avoid damage to equipment.

1. Assistance

In case of questions regarding this product, please contact your Elpress supplier or Elpress directly through the customer support dept at the main office in Kramfors, Sweden.

Telephone +46 612 71 71 99

Telefax +46 612 71 71 51

E-mail sales@elpress.se

2. CE Declaration

We, Elpress AB, P.O.Box 186, SE 872 24 Kramfors, Sweden, declare in sole responsibility that the equipment's Rechargeable Cable Cutter, PCT54C, to which this declaration applies, complies with these normative documents:

Machinery Directive:

ENISO12100-01, EN15012100-2, EN 61000-3, ENISO14121-1, EN60745-1, EN60745-2

EMC-Directive:

EN61000-6-4, EN61000-6-2, EN61000-4-2, EN61000-4-3, EN61000-4-8

Kramfors 29 December 2016



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3. Description

The mechanical cutters are a battery operated cutters designed to cut cables used in the industry today.

4. Important operating precautions

For safe operation

1. Keep work area clean
 - Cluttered areas and benches injuries.
2. Work environment
 - Do not expose the tool to rain. Keep work area clear from unnecessary objects. Do not use tools in the presence of flammable liquids or gases.
3. Bystanders
 - Make sure all bystanders are clear of the work area when handling, starting and operating tool.
4. Store batteries or idle tools
 - When not in use, tools and batteries should be stored separately in a dry environment and out of reach of children.
 - Ensure that battery terminals must not be shorted by other metal parts such as screws, nails, etc.
5. Stay within the capacity of the tool
 - Do not exceed the capacity. And use the tool for manufacturer's intended purpose only.
6. Use the right size tool
 - Do not exceed the capacity. And use the tool for manufacturer's intended purpose only.
7. Dress properly
 - Do not wear loose clothing or jewelry, they can be caught in moving parts. Non-skid footwear is recommended when Working outdoors. Wear safety cap to protect the head.
8. Use protective equipment
 - Use safety glasses and if the cutting operation is dusty, a face or dust mask.
9. Secure the work
 - Use clamps or a vice to hold the work. It is safer than using your hand and it frees both hands to operate the tool.
10. Do not over-reach
 - Keep proper footing and balance at all times.
11. Maintain tools with care
 - Keep the tool clean for better and safer performance. Follow instructions for lubrication. Inspect tool cords periodically and if damaged have repaired by an authorized service facility.
12. Disconnect tools
 - Where the design permits, disconnect the tool from its battery pack when not in use and before servicing.
13. Avoid unintentional starting.
 - Do not carry the tool with a finger on the switch.
14. Stay alert
 - Stay alert with the work. Use common sense. Do not operate the tool when you are tired.

15. Check damaged parts

- Do not operate the tool if it is damaged, improperly adjusted or not completely and correctly assembled. Check for alignment of moving parts, smooth running of moving parts, breakage of parts, mounting and any other condition that may affect its operation. If damaged, it should be properly repaired or replaced by an authorized service facility unless otherwise indicated in this instruction manual. Have defective switches replaced by an authorized service facility. Do not use the tool if the switch does not turn it on and off.

16. Warning

- The use of any accessory or attachment, other than recommended in this instruction manual, may present a risk of personal injury.
- Ensure that the battery pack is correct for the tool.
- Ensure that the outside surface of battery pack is clean and dry before plugging into charger.
- Ensure that batteries are charged using the correct charger recommended by the manufacturer. Incorrect use may result in a risk of electric shock, overheating or leakage of corrosive liquid from the battery.
- Alkaline liquid is stored within the batteries. The battery liquid coming into contact with bare skin or clothes may result in skin damage and must be washed off immediately with clean water. If the liquid enters the eyes, it could cause the loss of eyesight. In this event, wash the liquid off immediately with clean water, and then consult your doctor without delay.

17. Have your tool repaired by an authorized service center

- This tool is constructed in accordance with the relevant safety requirements. Repairs should only be carried out by a qualified person using original spare parts, otherwise this may result in considerable danger to the user.

18. Disposal of battery

- Ensure battery is disposed of safely as instructed by the manufacturer.



WARNING



Tools are NOT insulated for use on or near energized conductors. Use of these tools near energized conductors may lead to electrical shock, causing severe injury or death. Do NOT use these tools near energized conductors without adequately insulating operator and surroundings.



Pinch point hazard. Cutting Blades at high speed and force can cause severe personal injury. Keep all body parts away from moving parts of the tool during operation.



Read and understand all of the instructions and safety information in this operator's guide. Use of tools for unintended applications may lead to serious injury or death.

5. Precautions for the cable cutter

- Do not use with live cable.
- Never operate the tool while the head is pointing in the direction of bystanders.
- Do not drop the tool or expose it to sudden shocks. This tool contains many small components and precision parts. The tool will not operate correctly if exposed to sudden shocks.
- Do not expose the tool to water, oil or solvents.
- Never operate the tool without cables in place.
- If operating this tool at a temperature of less than -5°C, allow the tool to stand at a room temperature of between 10°-25°C for 1 hour before using the tool.
- Keep around moving blade area clean and free of debris.

6. Precautions for the battery pack

- Do not short circuit the contacts.
- Do not expose the pack to water, oil or solvents.
- Do not disassemble or attempt to repair the battery pack.
- Do not dispose of the battery pack in a fire.
- Do not drop or otherwise abuse the battery pack.
- Do not leave the pack in locations where it will be exposed to a temperature greater than 40°C for an extended period.
- The battery has a limited life. When the crimping cycle becomes about 1/2 of the original, the battery should be replaced.
- If the battery pack is stored without being charged, natural drainage will cause the capacity to be reduced. The battery should be charged every 3 months if not being used regularly.
- Install the terminal cover on the terminal while not using to free of debris.

7. Precautions for the battery charger

- The LED indicator lights in green and remains lit when the unit starts charging a battery pack. The indicator changes to orange when charging is completed.
- Do not use the charger for any other devices.
- Allow battery packs to cool down before charging. Allow at least 15 minutes between charges when charging several packs in succession.
- Charge batteries at an ambient temperature of 10°C to 35°C.
- Never short circuit the output terminals.
- Do not expose the charger to water, oil or solvents.
- Do not disassemble or attempt to modify the charger.
- Do not drop or otherwise abuse the charger.

8. Features

- Fully automatic, self-contained power tool
- Removable battery pack - simply change the pack for continuous use
- One-handed operation - control cutting blade movement with one hand
- Effortless cutting – New powerful magnetic motor provides effortless cutting with high torque and manual cutting by the operator is eliminated

9. Technical data

Max. Cutting diameter:	Ø 54 mm, nonferrous materials only (Al or Cu)
Motor:	14.4 V (DC)
Dimensions: (L x H x B):	105 x 375 x 115 mm
Weight:	2,75 kg (incl. battery)

Battery

Batterytype:	Li-Ion
Output:	14.4 V (DC)
Capacity:	3.0 Ah
Charging Time:	Ca. 40 min.
Dimensions: (L x H x B):	100 x 140 x 70 mm
Weight:	0.58 kg

Battery Charger

Input Voltage:	230 V AC, single Phase
Input Frequency:	50/60 Hz
Input Capacity:	230 VA
Dimensions: (L x H x B):	200 x 95 x 115 mm
Weight:	0.9 kg

10. Accessories

- Battery pack (PCT54-BP)
- Battery charger (PCT54-BC)
- Carrying case

11. Name of components



12. Operating instructions

Charging

1. Connect the AC Plug of the Charger to an AC outlet.

The Indicator Lamp blinks [STAND BY] in red

Note: The rated voltage for this unit is 100V-240V. Use of voltages over 260V will result in damage to the charger.

2. Insert the Battery firmly to the charger. The Indicator Lamp lights [UNDER CHARGING] in green.

Note: Do not short-circuit the Charger by placing foreign materials in the terminals on charger, as this will damage the Charger.

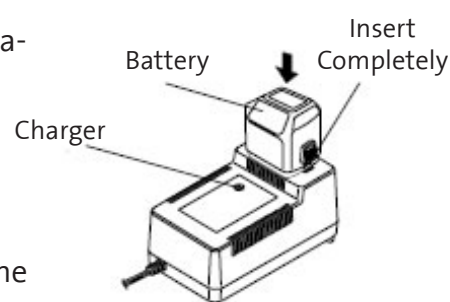
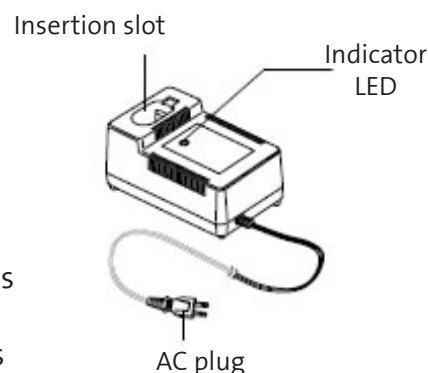
3. Charging takes approximately 25 minutes (80% capacity) and 45minutes (100% capacity). When charging is finished, the Indicator Lamp lights [COMPLETION] in orange.

Note: If the Indicator Lamp displays [HIGH TEMPERATURE], remove the Battery from the Charger and allow it to cool down before trying to charge it again.

4. When the battery becomes dead and no longer can be used, the indicator flashes in red quickly [DEAD BATTERY].

5. When the charger is out of order, the indicator does not light up even if AC power is supplied.

Note: AC power supply must be a wall outlet. It can not be used with the portable generator.



Attaching /Detaching the Battery Pack

1. To attach the battery pack, insert it into the tool until it stops.

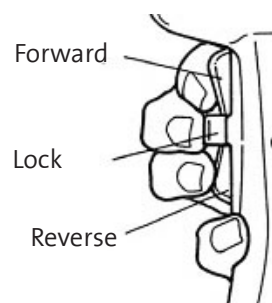
2. To detach the Battery Pack, pulling out the battery pack while pressing the latches.

3. After inserting the battery Pack, check it is securely in place by pulling it gently. Do not press the Latches when pulling the battery.

Switch operations

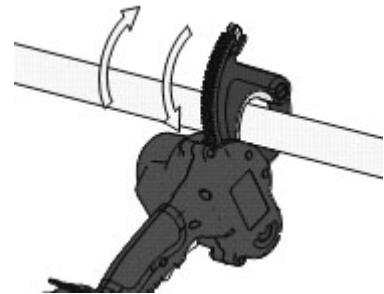
For safety purposes, the tool has a two-action switch system.

To activate the Forward mode (Cutting) and Reverse mode (Release) switch, first press the Switch Lock and then press the Forward / Reverse mode Switch.



Cutting operation

1. Activate the switch to open the Moving Blade.
2. Place the cable to be cut onto the Stationary Blade, and close the Moving Blade around the cable. Feed the Moving Blade by hand so that the gear teeth engage the drive mechanism of the unit.
3. Press the switch (Forward) to cut the cable.
Keep the switch pressing until the cable is cut completely.
4. To cut several small cables continuously, alternate use of Forward and Reverse modes with the Moving Blade still engaged with the drive mechanism of the unit.
5. When finished, remove any dust or particles that may have become attached to the Brush.



Overcurrent protection

It is equipped with a circuit board for overcurrent /overloading protection.

The circuit board shut off the power and the motor stops in the following circumstances:

- Oversized or harder material is cut.
- Drawn Amperage exceeds the rated amperage.

To continue using the tool, release the forward mode switch.

Caution: To protect the motor, stop using the tool when area around the caution label becomes hot. To continue using the tool, rest the tool for 50 minutes in a cool and well ventilated place until it cools off.

Note: The overcurrent/ overloading protection may also be activated even operating the tool within the cutting capacity.

The operating temperature, cable length & bend and other factors affect the performance of the tool.



Maintenance and inspection

1. Daily maintenance is required to ensure that the tool is kept in good working condition.
2. To ensure smooth operation and prevent rust, store the tool in a cool dry area. Ensure that moving parts are lubricated regularly.
3. When the plastic housing becomes dirty, clean it with a soft soaped cloth.
4. If the tool is maintained regularly, it should provide you with trouble free service.
5. The Blades are replaceable parts, If the blades are damaged or worn, replace them with new ones.

Note: Always remove the battery pack from the unit before replacing parts or maintenance.

Trouble shooting

Problem	Cause	Solution
The charging lamp does not come on.	Dust etc. has got into the battery cartridge insertion slot.	Remove the obstruction.
	The battery cartridge is overheating	Allow the cartridge to cool before continuing.
The tool does not operate	The battery cartridge is not charged	Charge the battery cartridge.
	There is dust or foreign objects lodged at the battery contacts	Remove foreign objects.
	The switch lock is not fully depressed	Follow the direction of SWITCH OPERATION on page 9.
Even fully charged the cutting capacity is reduced.	Life end of the battery cartridge	Replace the battery cartridge with a new one.
	Deterioration in the blade.	Replace the blade with a new one.

13. Scrapping tools/recycling material

This unit is subject to European WEEE (2012/19/EU) and RoHS (2011/65/EU) directives.

Information about this is available on our website www.elpress.net

The battery must be specially disposed of in compliance with the EEC Battery guideline.

The tool's various component parts must be handled separately when scrapping. To begin with, the hydraulic oil must be drained at an "environmental station".



Warning

Hydraulic oil has a harmful effect on the groundwater. Any uncontrolled leakage or discharge of oil is prohibited



For the next step, any battery cells must be handled in accordance with applicable laws for the disposal of spent batteries. Other components are handled in accordance with applicable laws and regulations.

We recommend scrapping tools by sending them to a recycling company.

Elpress also takes in tools for complimentary scrapping.

