

# **NICOPRESS®**

**MODEL 7506M**  
**Battery Powered Cutting Tool**

**INSTRUCTION NO. 7506M**



**THE NATIONAL TELEPHONE SUPPLY COMPANY**

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**I. SAFETY AND WARNING REMINDERS**

- 1) Carefully read, understand and follow all instructions in this manual and on the tool before attempting to operate the equipment.
- 2) At all times wear safety eye protection.
- 3) Keep fingers out of pinch areas during operation.
- 4) Always point the tool away from other people.
- 5) If the tool is stored for an extended period at a temperature of less than 25°F (-5°C), the tool should be allowed to return to room temperature to ensure smooth operation. Use the tool only after it has been at room temperature for 1 hour.
- 6) Do not drop the tool. Dropping the tool may damage the hydraulic circuit and result in the tool not functioning correctly.
- 7) Keep the head and ram clean and free of debris. Solvents can be used to clean the head but should not be used on the plastic body. Use soap and water to clean the body.


**PRECAUTIONS FOR THE BL1850B BATTERY**

- 1) Do not short circuit the contacts or expose the cartridge to water, oil, or solvents.
- 2) Do not disassemble or attempt to repair the battery cartridge or dispose of in a fire.
- 3) Do not drop or otherwise abuse the battery cartridge.
- 4) Do not leave the cartridge in locations where it will be exposed to a temperature greater than 140°F (60°C) for an extended period.
- 5) For long term storage beyond 2 months, it is recommended the battery cartridge be stored without being recharged and should only be recharged closer to the time of use.

**PRECAUTIONS FOR THE DC18RC CHARGER**

- 1) This charger is for charging battery cartridge BL1850B only. Do not use the charger for any other devices.
- 2) Allow battery cartridges to cool before charging.
- 3) Charge batteries at an ambient temperature of 50° to 95°F (10° to 35°C). Charging time is approximately 50 to 60 minutes for the BL1850B.
- 4) Never short circuit the output terminals.
- 5) Do not expose the charger to water, oil, or solvents.
- 6) Do not disassemble, attempt to modify, drop, or otherwise abuse charger.



**SAFETY SYMBOLS**

You will see this symbol  Exclamation Triangle throughout this manual. The purpose of this symbol is to call your attention to the hazards and/or unsafe practices that have the potential to cause injury or property damage. The severity of each hazard is further explained in detail below. Failure to follow all instructions may result in electric shock, fire and/or serious injury. The term “power tool” in all warnings refers to your battery operated (cordless) power tool.



<b> DANGER</b>
Immediate hazards are present which will result in severe injury or death if not avoided.

<b> CAUTION</b>
Hazards or unsafe practices may result in injury or property damage if not avoided.

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Hazards or unsafe practices may result in injury or property damage if not avoided.

<b> WARNING</b>	
	Read all instructions and safety information detailed in this operator manual prior to operating or servicing this tool. Failure to observe this warning could result in severe injury or death.

<b> CAUTION</b>	
	<b>Wear Eye Protection:</b> Use safety glasses when operating or servicing this tool to prevent eye injury from flying debris.

<b> DANGER</b>	
	<b>Electric Shock Hazard:</b> Use appropriate personal protective equipment when using this unit on or near energized electrical lines.

<b> DANGER</b>	
	<b>Pinch Point Hazard:</b> Remove battery before servicing. Keep hands away from crimping head during cycle.

<b> DANGER</b>	
	<b>Cutting Hazard:</b> Remove battery before servicing. Keep hands away from cutting head during cycle.



**DO NOT DISCARD THIS PRODUCT OR THROW AWAY!**

FOR RECYCLING INFORMATION, CONTACT 800-822-8837

**⚠ DANGER****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 bystanders away while operating a power tool. Distractions can cause you to lose control.

**⚠ CAUTION****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 distraction while operating power tools may result in personal injury.
- Use personal protection equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Do not overreach. At all times keep proper footing and balance. This enables better control of the power tool in unexpected situations.

**⚠ WARNING****TOOL USE AND CARE**

- To prevent leakage, overheating, smoke generation, fire, and rupturing from occurring, follow these instructions when handling our rechargeable power tools (tool main body/battery pack/charger).
- Do not force the tool. Use the correct tool for your application. The correct tool will do the job better and safer at the rate for which it was designed.
- Do not use the tool if the switch does not turn it on and off. Any tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect the battery pack from the tool before making any adjustments, changing accessories, or storing. Such preventive safety measures reduce the risk of starting the tool accidentally.
- Store idle tools out of the reach of children and do not allow persons unfamiliar with the tool or these instructions to operate it. These tools can be dangerous in the hands of untrained users.
- Maintain tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect its operation. If damaged, have the tool repaired before use.
- Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- Under abusive conditions, liquid may be ejected from battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, seek medical help. Liquid ejected from the battery may cause irritation or burns.

## **PRECAUTIONS FOR CUTTING**

- 1) Select only the appropriate material to be cut. Cutting materials other than those specified will result in severe tool damage and may cause personal injury. Consult factory if you have any questions about cutting capacities.
- 2) Always cut the material at a 90-degree angle to the blades.
- 3) Always point the tool away from people when cutting.
- 4) Keep the dies free of debris. Solvents can be used to clean the cutters but should not be used on the plastic body.
- 5) Always wear eye protection when operating or servicing the dies. Failure to wear eye protection could result in serious eye injury from flying debris.
- 6) Inspect tool and blades before use. Replace any worn or damaged parts. A damaged or improperly assembled tool can break and strike nearby personnel.
- 7) Do not twist work piece or tool during cutting operation. Blade failure could result.
- 8) Oiling improves performance of cutters.
- 9) The most common problem encountered by users is blade breakage. Most breakage occurs because the cutter head is not securely latched before cutting. If the latch is not secured, the blade will push open the cutter head and damage both the body head and blade. This causes the outside ear to the blade to break on an angle. In some cases, the whole cutter head may crack in half. Cutting material that is not specified or dirty may also cause blade damage. In time, these blades will fatigue and crack and must be replaced.

## **II. SPECIFICATIONS**

- 1) Output force – 6 tons (53 kN)
- 2) Weight – 8.0 lbs. (3.6 kg)
- 3) Dimensions – 15.5”L x 4.8”H x 3.1”W (394mm x 123mm x 79mm)
- 4) Cutting cycles – 180 cuts – 1/2” wire rope
- 5) Cutter opening – 0.75” (19mm)

## **FEATURES**



- 1) One-hand operation
- 2) Rotational head
- 3) Rapid advance
- 4) Fully enclosed resistant weather housing
- 5) LED work lights
- 6) Ballistic nylon heavy duffle bag

## **CUTTING CAPACITIES**

- 1) Wire rope – 9/16” (14mm)
- 2) Rebar (Sc 40) – 1/2” (12mm)

- 3) Rebar (Sc 60) – 3/8” (9mm)
- 4) Ground rod – 1/2” (12mm)
- 5) Guy wire – 3/8” (9mm)

**III. ACCESSORIES**

<p><b>BATTERY CARTRIDGE BL1850B</b></p> 	<p><b>Battery Cartridge (BL1850B) (two included with tool)</b></p> <p>Battery type: Lithium Ion                  Voltage: 18V DC                  Rated current: 5.0 Ah                  Charge time: 50 to 60 mins.</p>
<p><b>BATTERY CHARGER DC18RC</b></p> 	<p><b>Battery Charger (DC18RC) (one included with tool)</b></p> <p>Input voltage: 120 VAC single phase</p>

**IV. OPERATING INSTRUCTIONS**

- 1) Confirm material being cut is within the proper capacity of the tool.
- 2) Open cutter head by lifting latch.
- 3) Insert material between cutter head and blade and secure latch. Check the latch for proper engagement before continuing with the cut. Failure to secure the latch can result in severe tool damage and personal injury.
- 4) Align the material at 90-degree angle to the blade. This ensures a proper cut with minimal distortion. If the material is cut at any other angle, severe blade damage may occur.
- 5) Once the cut is complete, press the release lever under trigger to retract the blade.
- 6) These cutters do not have a by-pass cartridge like our compression tools, so they should be released once the cut is made and not continued to be advanced. If the tool is advanced under pressure with no load, it is difficult to release the blade.
- 7) If the tool is jammed, use a hammer with a wood block or soft material to gently free the blade.
- 8) Carrying a spare blade is recommended.
- 9) When cutting is in progress, keep area clear of all other personnel as hardened materials may project out from cutting head.

**TROUBLESHOOTING GUIDE**

**Before you begin:**

- 1) Make sure that the battery is charged. Recheck the battery after several minutes to make sure the battery is holding its charge.
- 2) Use a nonflammable contact cleaner or pencil eraser to clean the electrical contacts on the battery and tool.
- 3) Reinstall the battery and check the tool again.

PROBLEM	CAUSE	SOLUTION
Motor runs, but the tool jaws will not advance	Insufficient hydraulic oil	Consult factory for repair service
	Air block in hydraulic system	Invert tool to allow air to rise towards the top of the oil bladder
	Defective hydraulic circuit	Consult factory for repair service
Motor runs, tool jaws advance but will not build pressure	Insufficient hydraulic oil	Consult factory for repair service
	Defective suction valve or bypass cartridge	Consult factory for repair service
Motor will not run at all	Defective battery	Charge or replace battery
	Bad contact or loose battery connections	Check all connections and wires
	Misaligned switch	Check to make sure that switch is properly aligned with trigger
		Consult factory for repair service
Tool blades will not release	Tool did not complete a full cycle and bypass	Press trigger and allow tool to bypass
	Small wire stuck between blades	Gently utilize hammer and wood block
	Release trigger is bent or misaligned	Consult factory for repair service

**MODEL 7506M WARRANTY**

The 7506M battery tool has a 1-year warranty; and the BL1850B battery and charger have a 3-year warranty. The warranty does not cover any damages incurred from a Nicopress® tool including damages to property, bodily injury and lost wages resulting from such injuries. This warranty solely covers the repair or replacement of tools supplied by Nicopress®. These remedies are exclusive, and the total liability of Nicopress®, whether based on contract, warranty negligence, indemnification, strict liability or otherwise, shall not exceed that purchase price of the tool. In no event shall Nicopress® be liable for consequential, incidental, or special damages.

Nicopress® makes no other warranties of any kind, expressed or implied, and all implied warranty, including warranties of merchantability and fitness for a particular purpose are disclaimed.

Nicopress® reserves the right to determine all warranty claims. Nicopress® will not warranty tools containing parts or batteries not originally supplied by Nicopress®. Failure due to misuse, improper maintenance, misapplication, not following instructions or warnings, abuse or repairs attempted by anyone other than Nicopress® render this warranty null and void.

**HOW TO GET SERVICE UNDER THE TERMS OF THE LIMITED WARRANTY**

**Return your product directly to a Nicopress® Authorized Distributor**

Call a Nicopress® Authorized Distributor stating the tool’s purchase date and problem description. You will be given a Return Goods Authorization No. to assure that your merchandise will be handled properly upon receipt. Non-warranty repairs are handled using the same procedure. Repairs exceeding 50% of the cost of a new tool will be advised before repairs are made.

CAUTION: Make sure the product is packaged adequately to prevent damage or loss during transit. The shipment must be pre-paid and we recommend that it be insured. A cover letter indicating the reason for the return should be included to facilitate repairs.

**FACTORY MAINTENANCE RECONDITIONING SERVICE**

A factory maintenance reconditioning service is available beyond the warranty period to accommodate normal tool wear. Contact your Authorized Distributor for information and details.

**PLEASE RETAIN FOR YOUR RECORDS**

**Purchaser’s Name** \_\_\_\_\_

**Address** \_\_\_\_\_

**City, State, Zip** \_\_\_\_\_

**Tool Model Number** \_\_\_\_\_

**Serial Number** \_\_\_\_\_

**Date** \_\_\_\_\_

**Purchased From** \_\_\_\_\_



**SEND THIS PORTION WITH ANY TOOL WHEN REQUESTING  
REPAIRS, WARRANTY OR RECONDITIONING WORK**

**PLEASE CALL, EMAIL OR FAX A NICOPRESS® AUTHORIZED DISTRIBUTOR**

**Nicopress RGA No.** \_\_\_\_\_

**Distributor** \_\_\_\_\_

**Address** \_\_\_\_\_

**City** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip** \_\_\_\_\_

**Tool Model** \_\_\_\_\_

**Serial No.** \_\_\_\_\_

**Warranty Claim** \_\_\_\_\_ **Repair Only** \_\_\_\_\_ **Estimate Required: Yes** \_\_\_\_\_ **No** \_\_\_\_\_

**Problem Description** \_\_\_\_\_

\_\_\_\_\_

**Customer Name** \_\_\_\_\_

**Phone** ( \_\_\_\_\_ ) \_\_\_\_\_

**Address** \_\_\_\_\_

**City** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip** \_\_\_\_\_