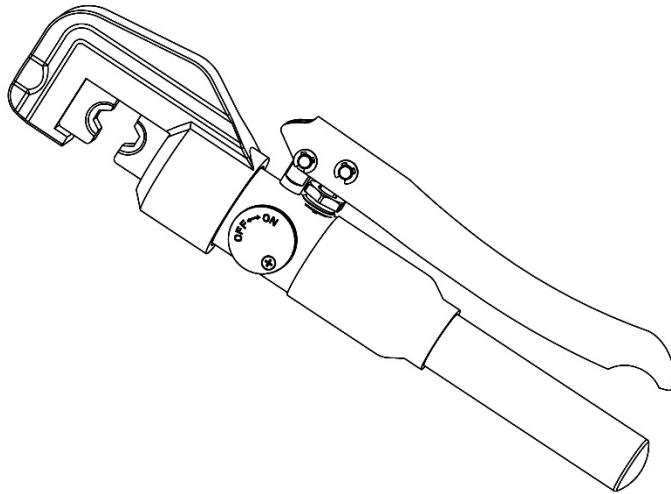


Instruction Manual

Hydraulic Crimping Tool CP-70K



Due to continuing improvements, actual products may differ slightly from the product described herein.



Read this material before using this product.

Failure to do so can result in serious injury.

SAVE THIS MANUAL

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Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the month and year of purchase. Keep this manual and the receipt in a safe and dry place for the future reference.

IMPORTANT SAFETY INFORMATION

In this manual, on the labeling, and all other information provided with this product:



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

⚠ DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION

CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

GENERAL SAFETY RULES

TO WORK IN SAFE CONDITIONS WITH THIS TOOLING, IT IS IMPERATIVE TO READ CAREFULLY THE DIRECTIONS FOR USE AND TO FOLLOW THE INSTRUCTIONS IT CONTAINS. IF YOU DO NOT RESPECT THE INFORMATION WRITTEN IN THAT INSTRUCTION MANUAL THE WARRANTY WILL BE CANCELLED.

1. Work area safety

- a. Keep the work area clean and well lit. Cluttered or dark areas invite accidents.
- b. Keep children and bystanders away while operating, distractions will cause you to lose control.

2. Personal safety

- c. Stay alert, watch what you are doing and use common sense when operating the tool. Do not use the tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating hydraulic tools may result in serious personal injury.
- d. Use safety equipment. Always wear eye protection. Safety equipment such as dust masks, non-skid shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- e. Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes jewelry or long hair can be caught in moving parts.
- f. Do not force the tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- g. Store idle power tools out of the reach of children and do not allow people unfamiliar with the hydraulic crimping tool. This tool is dangerous in the hands of

untrained users.

- h. Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the Hydraulic crimping tool operation. If damaged, have the Hydraulic crimping tool repaired before use. Many accidents are caused by poorly maintained power tools.
- i. Use the Hydraulic Crimping Tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of tool, taking into account the working conditions and the work to be performed. Use of the Hydraulic Crimping tool for operations different from those intended could result in a hazardous situation.

3. Service

Have your Hydraulic Crimping Tool serviced by a qualified service technician using only identical replacement parts. This will ensure that the safety of the Hydraulic Crimping Tool Kit is maintained.

SPECIFIC SAFETY RULES

1. Maintain labels and nameplates on the tool which carry important safety information. If unreadable or missing, contact the agent to replace.
2. This product is not a toy, it keeps it out of reach for children.
3. Do not slide your fingers in the dies profile.
4. Do not put your fingers in the head of the hydraulic crimping tool when you slide the dies inside it. Your fingers could be pinched very severely.
5. Do not use the tool without die.
6. Do not crimp on live cables or conductors
7. Do only crimp cooper or Al conducting material
8. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product but must be supplied by the operator.



SAVE THESE INSTRUCTION

UNDERSTAND YOUR TOOL

CP-70K is a tool for connecting lugs and cables. It carries many advantages of good design, easy operation, high pressure, high efficiency etc. It is a perfect tool to be used in electrical construction sites.

1. Specification

Crimping range:	Cu 4-70mm ²
Crimping force:	45kN
Crimping type:	hexagon crimping
Stroke:	11mm
Hydraulic oil:	T 15#
Working temperature:	-20°C-40°C
Length:	approx. 315mm
Weight:	approx 1.80kg
Package:	plastic box
Weight of box:	approx 0.77kg
Accessories	
crimping die:	4, 6, 8, 10, 16, 25, 35, 50, 70 mm ²
sealing O-ring:	one set

2. Description of the components

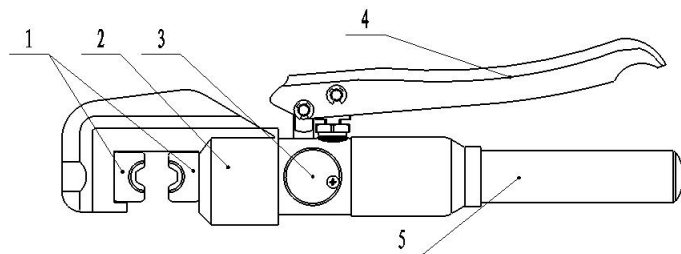
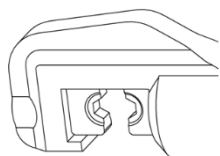


Table 1

Item no.	Description	Function
1	Die	For crimping, interchangeable crimping dies
2	Down die holder	For fixing the down die
3	Screw	For returning piston and releasing pressure
4	Active handle	For operating
5	Fixed handle	For storing oil

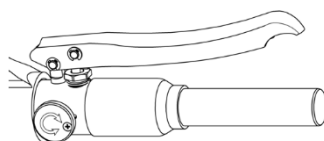
3. Function Description

1) "C" type crimping head



"C" type crimping head

2) Release the pressure manually.



Release pressure manually

OPERATING INSTRUCTIONS

Read the entire **SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before using this product.

CAUTION

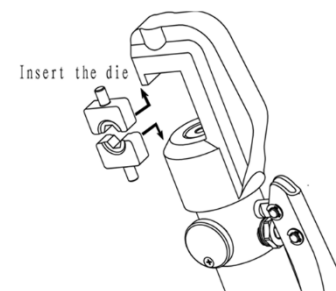
Please do not knock any part of the tool; otherwise, it is dangerous for the operator.

1. Select the appropriate die set. Ask an authorized facility or distributor to choose proper compression die set for the connector and cable being used.

CAUTION

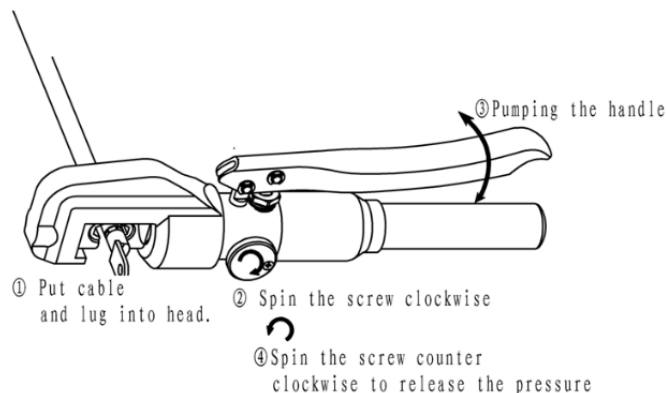
Don't operate the tool without dies.

2. Insert the upper crimping die and the down crimping die to match the die holder when both die halves are in place.
3. Make sure both dies halves are secured before operating the tool.



4. Fully insert the cable into the barrel of the connector.
5. Place the connector between the dies, Pump the handle until reach to the maximum pressure, then spin the screw to release the pressure manually.

- The piston will retract, take out the connector, the tool is ready for its next cycle.

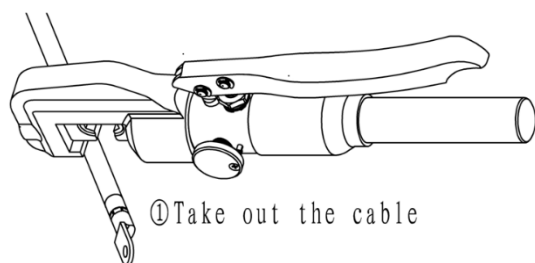


⚠CAUTION

The tool is not insulated, please do not use it on the live conductor to avoid injury occurring.

⚠DANGER

Do not put your fingers into the head of the tool during operating. Your fingers could be pinched very severely.



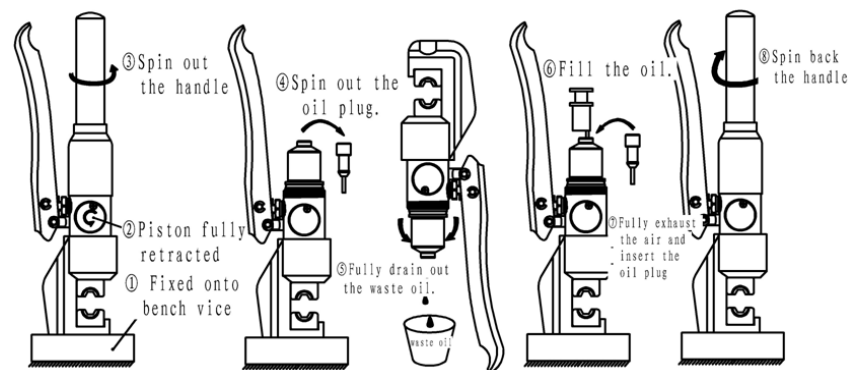
MAINTENANCE AND SERVICING

⚠WARNING

Damaged equipment may cause serious personal injury. Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

- Before each use**, inspect the general condition of the tool. Check for loose screws, misalignment or binding of moving parts, cracked or broken parts, or any other condition that may affect its safe operation.
- After using**, clean external surfaces of the tool with clean, moist, smear the rust preventing oil on the metal surface of the tool and the dies to avoid rusty. Store the tool in the dry environment.
- Service to the tool should only be done by a qualified Service Technician.
- In order to prolong the life of the tool please change the oil per year. Make sure the oil filtered by 120 mesh net or over 30μm strainer. Meantime avoids the dusty into the oil cup.
- After a long time using, the sealing kits will be damaged, if there is leakage, please contact the manufacturer and/or the distributor to change the sealing kits.

How to change the oil:





The dust or air inside the tool will damage the sealing kit so the tool lose function. Make sure the oil is clear and there is no dust entering into the oil when changing oil. Wait for a while and exhaust the oil completely out of the oil tube before inserting the oil plug.

⚠CAUTION

Please wear the rubber gloves to avoid skin touching the oil directly, if touches it in careless, please wash the skin with soap water in time. To protect the environment please drain the waste oil to the treatment center where it was approved by the government.

Troubleshooting

FAULT	ANALYSIS	SOLUTION
A. No pressure or pressure is not enough during operation	1. The pump lack oil 2. There is dust in oil 3. Inner leakage	1. Fulfill or replace the oil Change the oil 2. Contact manufacturer or distributor
B. The lug and wire do not connect tightly after crimping.	1. The tool cannot reach the rated pressure 2. Use the wrong die	1. Refer to the fault A 2. Replace with the right die
C. Generate a lot of burs after crimping	1. Use the wrong die	1. Replace with the right die
D. Oil leakage on the head or on the ram	1. Sealing kit broken	1. Contact the manufacturer or distributor and replace it with a trained person

PLEASE READ THE FOLLOWING CAREFULLY

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LIMITED 1 YEAR WARRANTY

We make every effort to ensure that its products meet high quality and durability standards and warrants the original purchaser that this product is free from defects in materials and workmanship for the period of one year from the date of purchase (90 days if used by a professional contractor or if used as rental equipment). This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, normal wear and tears, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return the repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

The warranties give you specific legal rights and you may also have other rights which vary from different countries.