Hydraulic Crimping Tool Instruction

Introduction

The YQK series hydraulic crimping tool is an efficient tool for crimping lugs, terminals, or conductors on a cable. Before using the tool, please read these instructions carefully. Mounting and/or disassembling the tool should be performed only by a trained professional.

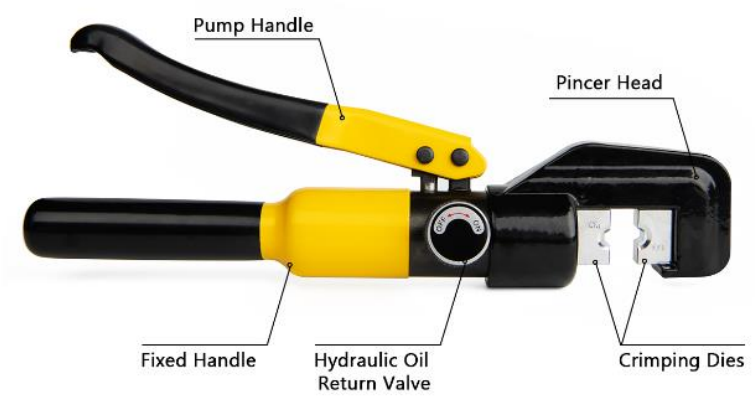
Warranty

12 months from time of delivery under proper use.

Important safety information

1. Please take the instruction for reference before using the instruction. Improper use can create hazards.
1. Wear ANSI-approved safety goggles and heavy duty work gloves during use.
2. Keep hands and fingers away from the Crimping Dies when using this product. This tool creates approximately ten tons of crimping force.
3. Do not use extension for added leverage on the Fixed Handle of this tool.
4. NEVER attempt to crimp wires that are plugged into an outlet and are electrically charged (“live”).
9. Do not assemble or operate when tired or when under the influence of drugs or medication.
10. Keep out of the reach of children

Part list & Assembly diagram



.

Parameter table

Select the appropriate crimping dies. Numbers stamped on the dies correspond to the cross sectional area (in mm²) of the wire to be crimped. For American Wire Gauge (AWG) sizes, use the chart below

AWG	2/0	1	2	4	6	8	9	10	12
CSA(mm²)	67.4	42.4	33.6	21.1	13.3	8.37	6.63	5.26	3.33
DIE	70	50	35	25	16	10	8	6	4

Operation instruction

How to Use

1. Check whether the pressed terminals match the cable specifications;
2. Select the pressing die to match the crimping terminal;
3. Replace the clamping clamp mold, method: as shown in the right picture:
4. Put the connecting terminal into the tool head, operate the movable handle and start pressing;
5. Loosen the oil return switch and the piston is automatically reset;
6. After each use, clean the tools and put them into the storage box;



Corrective Maintenance

1. If the product is not used for a long time and the oil pressure is unstable, the product can automatically adjust the oil pressure and return to normal.
Operation method: install the minimum size mold on the product, press back and forth at low speed for 5-6 times, and the oil pressure adjust automatically.
2. If there are no other fault conditions, the tool itself has no pressure, then the treatment is to fill the hydraulic oil.
3. When the piston retreats, the reasons are as follows:
There are sundries inside the body, causing the compression is not tight, the treatment method is clean internal treatment.
It is also possible that the valve seal is poor, oil mixed with air, should be excluded from the air.
4. The piston cannot completely return to its original position, because the reset spring is deformed or damaged.

Operational considerations

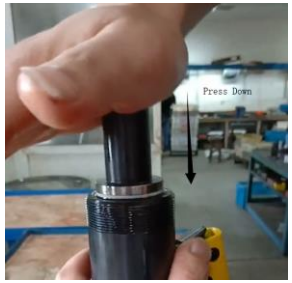
1. Avoid direct crash between upper and lower molds to avoid damage to the pressure joint and upper and lower molds.
2. The hydraulic oil must be replaced within one year regardless of whether it is used, and the replacement hydraulic oil is l-hv15 hydraulic oil.
3. Select the correct compression specification to avoid deformation during operation
4. If you have any question, please feel free to email us.

* what if the Hydraulic Crimping leak oil?

1. Rotate the pincer head counterclockwise to open.
2. Remove the spring.
3. Switch hydraulic oil return valve to 0FF position.
4. Press the pump handle back and forth to make the piston rise slowly and finally take out.
5. Replace the O-rings after removing the piston.



6. Press the removable handle again.
7. Switch hydraulic oil return valve to ON position.
8. After aligning the piston with the inlet, press down hard



9. Put the spring back
10. Rotate the pincer head clockwise to close.