


# HYDRAULIC CRIMPING PLIER INSTRUCTION MANUAL

**INTRODUCTION :** Hand operated Hydraulic Crimping Pliers are used in field of Electronics to Crimp Copper/Aluminium Terminals and connectors etc. It can be used at sight accordingly to size of Connectors and its hydraulic force fix up very tightly with available dies.

## SAFETY INSTRUCTIONS

**WARNING :** When using  tools, the following safety instructions must be observed to reduce the risk of personal injury and property damage.

Please read and observe the following instructions before use.

- 1. Keep work area clean :** An untidy and cluttered work area increases the risk of accidents
- 2. Use eye protection :** Always use safety glasses or goggles. A face mask should also be worn when dust is generated.
- 3. Wear suitable work clothes :** Don't wear loose fitting clothes or jewellery. They can be caught in moving parts and may cause injury. For outdoor work rubber gloves and non-stick footwear are advised. Wear a protective hair net to contain long hair.
- 4. Guard against electric shock :** Avoid any body contact with grounded surfaces e.g. bars, iron sheet, radiators, stoves, and refrigerator enclosures.
- 6. Keep children away :** Children should be kept away from the work area. Do not permit them to handle the tool or tool cable.
- 7. Secure the work pieces :** Use clamps or a vice to hold work. This will free up both hands to operate the tool, which is safer.
- 8. Don't overreach when working :** Keep a balanced footing at all times. Avoid abnormal stances and awkward body positioning.
- 9. Do not overload or force tools :** Tools operate better in the specified performance ranges. Forcing the tool may cause damage.
- 10. Check for damage :** Before further use always check the protection guards carefully to ensure proper operation and performance. Check for alignment of moving parts, binding of moving parts, breakage of parts, mountings and any other condition that may effect the tools operation. An authorised service dealer should properly repair all damaged parts unless otherwise indicated elsewhere in the instruction manual. Do not use the tool if the switch does not turn it on and off.
- 11. Pull out power plug :** When changing accessories or when the tool is not in use.
- 12. Avoid unintentional starting :** Do not carry tools by the switch. Always check that the switch is in the off position before connecting to power source.
- 13. Storage :** When not in use your tools machine should be stored in a dry area, which is not accessible to children.
- 14. Stay alert :** Do not use the tool when you are tired. Use common sense and watch what you are doing.
- 15. Remove keys and spanners :** Do not forget to remove any adjustment keys, spanners and wrenches before storing the tool.
- 16. Recommended use :** Please note the use of tools other than those described in instruction manuals or in the product catalogues can result in a risk of personal injury.



## User's Instruction Manual



**Note :** Before using this **Hydraulic Crimping Plier** carefully read through this INSTRUCTIONS MANUAL to ensure efficient, safe operation. It is recommended that these INSTRUCTIONS be kept readily available as an important reference when using this Plier.

HYDRAULIC CRIMPING PLIER



## WARRANTY CERTIFICATE



Product : **HYDRAULIC CRIMPING PLIER**

**LIMITED ONE YEAR WARRANTY AGAINST MANUFACTURING DEFECT.**

**INDER** Makes every effort to assure that its **Hydraulic Crimping Plier** meet high quality and durability standards and warrants to the original purchaser that the product is free from defects in material and workmanship for the period of one year from the date of purchase. This warranty does not apply to damage due directly or indirectly to misuse, abuse, negligence or accidental repairs or alteration outside our facilities, or to lack or indignance. We shall in no event be liable for death, injuries to person or property or for incidental contingent, special or consequential damages arising from the use of our product. Some states don't allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you.

To take advantages of this warranty, the product or part must be returned to us with transportation charges pre-paid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection very the defect, we will either repair or replace the product all eleclore or we may elect to refund the purchase price if we cannot readily and quickly provide you with replacement. We well return repaired products all our expense, but if we determine there is no defect, or that the defect resulted from caused no within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal right and you may also have other rights which vary from state to state.

### HYDRAULIC CRIMPING PLIER

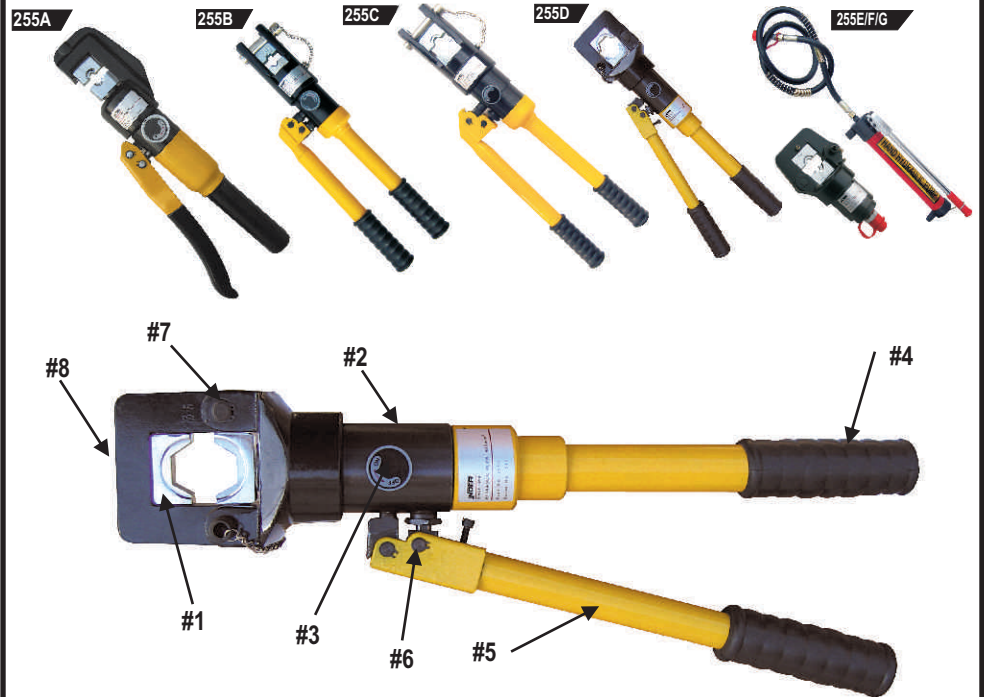
**FEATURE :** Hand operated Hydraulic Crimping Pliers are used in field of Electronics to Crimp Copper/Aluminium Terminals and connectors etc. It can be used at sight accordingly to size of Connectors and its hydraulic force fix up very tightly with available dies.

Prod. No.	255A	255B	255C	255D	255E	255F
Crimping Size (mm <sup>2</sup> )	4 - 70	10 - 120	16 - 300	16 - 400	50 - 400	50 - 500
No. of Dies	9	8	11	12	9	10
Size of Dies	4/6/8/10/16/ 25/35/50/70	10/16/25/35/ 50/70/95/120	16/25/35/50/70/95/ 120/150/185/240/ 300	16/25/35/50/70 /95/120/150/185 /240/300/400	50/70/95/120 150/185/240 300/400	50/70/95/120/ 150/185/240 300/400/500
Pressure Ton	8	12	15	20	22	25
Max. Stroke	10	14	22	22	22	22
Wt. (Kgs.)	2.875	6.200	8.000	9.000	17.100	18.000

## REPAIR & MAINTENANCE

Someone should take care of the tool. Don't knock it and never let it collide with other things. During operating, don't add extra-pressure on handle. When store it, please loosen oil return screw. If it won't be used for a long time, it should be wiped clean and the surface should be coated with antirusting grease. Don't disassemble the product at will, as it has a compact structure. In case of dismounting, should pay attention to the cleanness of site and prevent dust and impurity from entering. During use, it's a normal phenomenon that there is a little oil arising on plunger piston and piston. After long-term use quantity of oil will decrease, and should be turn and dismount the setting handle first, then revolve screw of pipe tail, swing the handle to compress a little oil into cylinder, then fill up hydraulic oil (oil must be filtered clean by 200-mesh net), then put on screw of pipe tail (not too tight), and open oil return screw till a little oil overflow to exhaust air thoroughly, at last, tight up screw of pipe tail, wipe oil overflowed clean and fix the setting hale well.

If piston has a phenomenon of advancing or backing, it may be due to bad sealing of valve and there is air in oil. If piston cannot reset, then its big spring is deformed or broken. If there is serious oil leakage on piston and plunger piston, you should disassemble it for cleaning or replacing and remove air ( according to oil-filling method), then reinstall it well.



**PART DIAGRAM AND LIST**

S.No.	Parts Desc.	S.No.	Parts Desc.
1.	Dies	5.	Lever
2.	Pump	6.	Plunger
3.	Release Volume	7.	Lock
4.	PVC Grip	8.	Die Lock Pin