



## WXY-185D ELECTRO-HYDRAULIC CRIMPING TOOL

### Operation Instruction









Fivestar Tools Co.,Ltd

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.

**General features:**

**Rang of application:** Hexagonal crimping 4 to 185 mm<sup>2</sup>

<b>Interchangeable die sets witch are common to:</b>						
<b>Applications</b>	Copper sleeves and lugs	Copper or Al bare of insulated sleeves	Copper of AL sleeves and lugs	C shaped connectors	Pre rounding	Copper sleeves and lugs
<b>Type of crimp</b>						
<b>Section</b>	4-185mm <sup>2</sup>	E54-E215	KZ6-KZ25	C6-C35	25-185mm <sup>2</sup>	10-120mm <sup>2</sup>

**Force:** 55KN

**Hydraulic security:** by pressure control release valve

**Dimensions:** Length \* Width \* Height  
315mm \* 80mm \* 235mm

**Weight (with battery):** 3.20kg

**12V motor:** 300W 12V DC motor

**12V battery:** Ni-mh 12V 2.2Ah

**The effective weighted acceleration does no exceed 2.5 m/s<sup>2</sup>**

**SAFETY INSTRUCTIONS**

Warning in order to avoid any risk of electrical shocks, injuries and fire, please follow the enclosed safety instructions.

Read and respect these instructions before using the machine.

Keep this document.

**General safety instructions:**

**Choice of tool:**

Use the appropriate tool. Do not use tools or adaptable devices of too low a power rating to undertake heavy work.

Do not use tools for other purposes than the work for which they have been designed.

## **Maintenance and storage:**

Store your tools in a safe place. Unused tools must be stored in a dry, locked place, out of reach of children.

Maintain your tools carefully. Keep your tools clean to work better and more safely. Follow indications relative to maintenance and indications concerning changing accessories. Keep handles dry and free of oil and lubricants.

Check whether the tool is damaged. Before use the tool. Always carefully check that parts are functioning perfectly. Check whether moving parts are functioning correctly, whether they do not become stuck or if other parts are damaged. All the components must be assembled correctly and satisfy conditions to guarantee the tool's perfect operation. Every safety device, every switch and every other damaged or defective part must be repaired or replaced appropriately by a qualified technician.

Caution ensures that you use the tool and its accessories in accordance with the safety instructions. Also understand take account of the tool's possibilities by paying attention to the working conditions and the task to be undertaken. Using the tool for tasks other than those intended may be dangerous.

This tool satisfies safety rules in force. All repairs must be undertaken by qualified professionals with original spare parts; if not, the tool may pose a danger for the user and invalidate the guarantee. Pose a danger for user and invalidate the guarantee.

## **Safety instructions for the user:**

Keep children away. Do not allow other people to touch the tool; keep them away from your working area.

Wear appropriate working clothes. Do not wear loose clothing or jewels; they could be caught by moving parts.

When working in the open air, it is recommended that rubber gloves and anti-skid heeled shoes are worn. Wear a hair net if you have long hair.

Do not make the radius of your action too wide. Avoid adopting a position which is tiring for the body; ensure that your support on the ground is firm, and keep in balance at all times.

Always be attentive. Look at your work, act in a sensible way and do not use the tool when you are tired.

## **Safety instructions relative to the working area:**

Keep order in your working area. Disorder in the working area increases the risk of an accident.

Take account of the working area environment. Do not expose electrical tools to rain. Do not use electrical tools in a moist or damp environment.

Ensure that the working area is well-lit. do not use electrical tools if flammable liquids or gases are nearby.

## Specific safety instructions:



### Hydraulic crimping tool:

Do not slide your fingers in the dies profile.

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.

Handle the locking spindle with precaution to avoid being pinched.

### Charging of batteries:

The tool is supplied with unloaded batteries. Before using, load batteries by using the charger supplied with the tool.

See battery charger instruction manual.

## USING D55 HYKRAULIC CRIMPING TOOL

1. Slide the battery into the handle of the press until you hear a click.

**NOTE:** ball plunger can take dies of 30 or 38mm width.

2. Select the dies set.

Open the crimping head. Insert the dies into the crimping head (ball headed dowel)

3. Put the connector between the two dies. Lock the head over the connector.

Press the crimping trigger until an audible "click" is heard. The green diode indicates that the press crimping is finished.

**NOTE:** the crimping trigger is equipped with a speed variation for a better precision in the approach.

### Caution:

**THE DIES TIGHTEN VERY TIGHTLY. DO NOT SLIDE YOUR FINGERS IN THE DIES PROFILE.**

4. Activate the pressure release trigger to retract the piston.

**PERFORM OTHER CRIMPINGS IN THE SAME WAY.**

5. To remove the dies, open the head then remove the dies.

## **DISCHARGED BATTERY**

1. If the tool runs out of battery during the crimping do not press the release trigger, but replace the battery to continue the crimping.
2. Do not press the pressure release trigger to retract the piston.
3. Remove the empty battery and replace it by a full one. Recharge the empty battery (see battery charger instruction manual).
4. Press the crimping trigger until an audible “click” is heard.

## **ADVICE**

It is recommended to keep the tool away from dusty or rough places, in order to avoid wrong working.

Although this tool is robust, it must be handled with care.

After use, wipe the tool carefully and replace it in its case.

In case of long storage, spray the metallic parts of the tool. DUBUIS advises to use H60 WYNN'S spray. Keep the tool inside, in a ventilated warehouse. Avoid fast temperature changes this can produce condensation.

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