

# GAZELLE®

## **G9621** Manual Hydraulic Crimping Tool (6-300mm<sup>2</sup>) User Manual



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## **1. Introduction**

- Before starting to use the tool please read the instruction manual carefully.

- Use this tool exclusively for its determined use.

Mounting and assembly of connecting material with the help of this tool must only be performed by specially trained personnel.

- This instruction manual must be carried along during the entire life span of that tool.

- The operator must

-guaranty the availability of the instruction manual for the user and make sure, that the user has read and understood the instruction manual.

## **2. Labels**

On the labels fixed on the unit you'll find the type specification, name of the manufacturer and/or the company logo. The serial number is on the hydraulic cylinder.

## **3. Warranty**

If correct operation is guaranteed and regular service is provided our warranty is 1 year from the time of delivery.

## **4. Description of the hydraulic crimping unit**

A crimping process is characterized by the closing motion of the dies. The cable lug or connector will be position in the stationary half of the crimping die. The piston will push the moving part of the die towards the compression point.

The crimping process is complete when the dies contact and the maximum operating pressure of the pump is reached.

## **5. Remarks with respect to the determined use**

### **5.1 Operation of the unit**

- 1) Firstly you have to select the right dies for the intended application. Then connect the crimping head to the high pressure hose and roll out the hose completely.

- 2) Insert the dies laterally and bring the crimping head into position.

- 3) Start the pump until the dies are completely closed.

After the crimping process has been completed and the piston has been retracted remove the

connecting material from the crimping head.

## 5.2 Explanation of the application range

**Attention**      *Do not use on or near live circuits.*

Before starting to crimp please make sure that all parts involved in the crimping process are not connected to live circuits.

The tool can be operated in a temperature range from -20°C to +40°C indoors and outdoors.

## 5.3 Mounting instructions

The same is valid for conducting material. No guarantee can be given for crimping C-clamps of other suppliers.

Despite the same code numbers the compression width for copper and aluminium cable lugs and connectors is different. Besides the marking of the dies the surface plating also differs.

**Attention**

*Even if the code number is identical only those dies should be used which are suitable for the material.*

## 5.4 Service and Maintenance crimping

The hydraulic tool must be cleaned and dried after each use. The tool is maintenance free. After one year we recommend sending the tool in to the manufacturer for an inspection.

Within the determined use of the tool only the dies are permitted to be changed by the customer.

## 6. Troubleshooting

- The tool leaks oil.

=> Return the tool to the professional manufacturer. Do not open the tool.

## 7. Technical data

Crimping force:	60kN
Weight:	3.8 kg
Stroke:	17mm
Rated pressure:	700 bar
Crimping capacity:	Max 300mm <sup>2</sup>
Standard dies:	Cu50-300mm <sup>2</sup>
Dimensions:	50*17*7cm

## Symbols

### *Safety warnings*



*Please do not disregard these instructions in order to avoid human injuries and environmental damages.*



### *Operational warnings*

*Please do not disregard them to avoid damaging the pump unit.*



We shall in no event be liable for death, injuries to persons or property from the improper use and lack of maintenance of our product. Any doubt of safety operation and precaution, please contact with our distributor.



Please properly dispose of all packing materials and removed parts.

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