



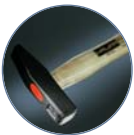
**Hydraulic pump  
Art. 21 63 54/56**



Battery-hydraulik pump 21 63 54



Electro-hydraulic pump 21 63 56



## 1. Technical characteristics

Output pressure: 700 bar kg/cm<sup>2</sup> (10000 psi)  
Motor: DC 14.4 V

## 2. Features

1. The dies of tool is special designed,the various kinds of dies can be interchangeable,and take alloy steel forged,and make use precision finishing & heat treatment finished.It is strong and durable.
2. The tool quality is assurance by precision control and safety test.
3. Improve working efficiency, tool life and battery life, by electronics circuit automatically measures pressure and the speed cut off has high speed and low-speed.

## 2. Operation instruction

1. After inserting a battery pack, check that it is securely in place by pushing it gently, and a „Ka“ will be heard. While pressing the latch, pulls out the battery pack, to replace the battery pack, push the new one firmly into place.





2. Select the appropriate tool for the connector to be compressed.
3. Put the workpiece on the knife edge of the tool correctly. After pressing „Power on“ button, the tool will cut automatically. If the pressure reaches 700kg/cm<sup>2</sup>, the speed cut off speed will be turned into low-speed.
4. Take out the workpiece in pressing the “Power on” button. Keep loose the „Power on“ button, then press the „Power off“ button.
5. Working finish, loose the „Power on“ button, then press the „Power off“ button, remove the workpiece from the tool.



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### 3. Important operating precautions

1. The workpiece has to suitable the safe applicable range. Keep it safe use and to increase working life.
2. When the LED Monitor shows the yellow light, please prepare to change the battery pack (picture 2).
3. Do not store the tool in a lot of dust and a humid environment that it free of debris and rust resistant.
4. In working condition, if the compression has not enough, but the motor speed is regularly it may be the oil has no enough. Then replenishing the oil and no air in the reservoir.
5. In working condition, if the compression has not enough, please adjust the safe valve. (right turn/pressure boost/left turn/pressure release) (picture 1)



Oil hole

Safe valve cover



LED monitor

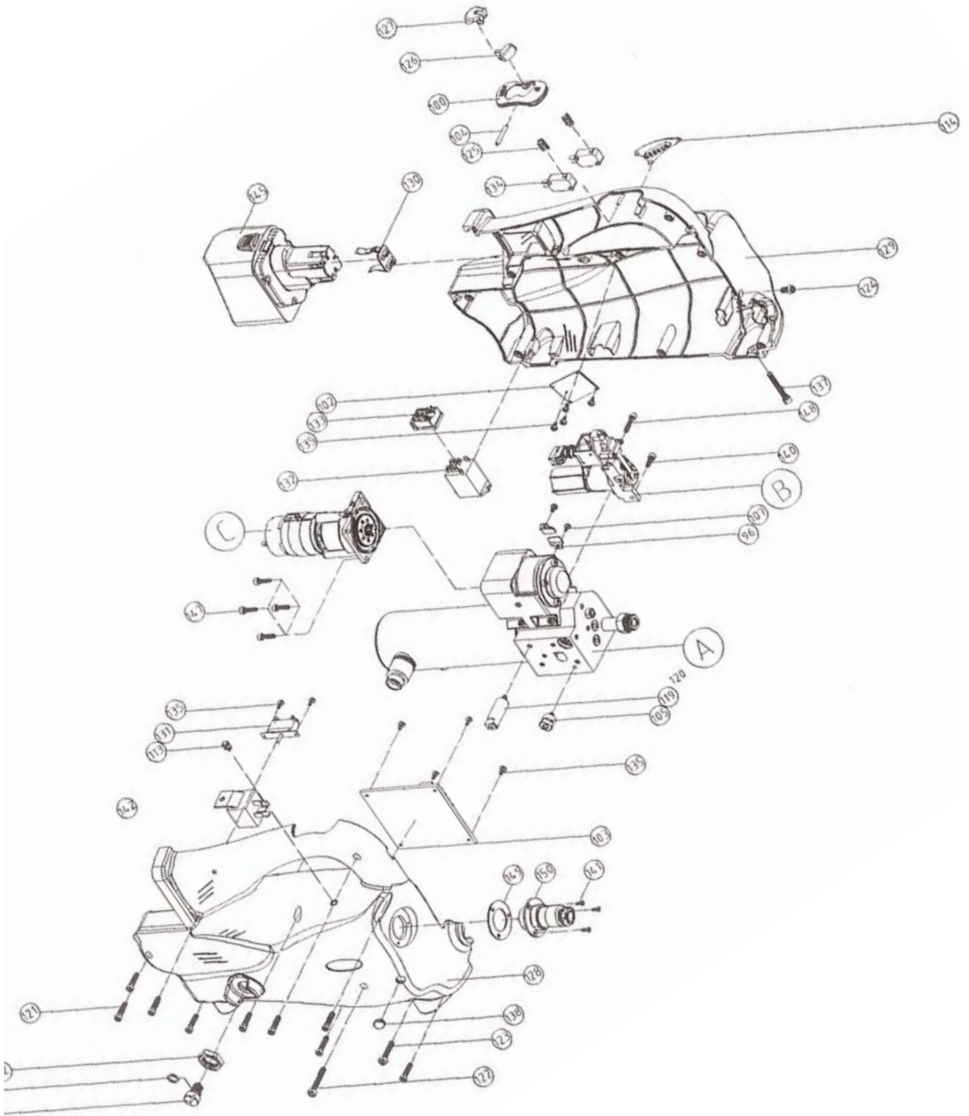
Power lamp

6. The tool has high compression, to watch out for you finger in cleaning and working and be careful don't get hurt.
7. Always point the tool away from other people.
8. When the motor operates, the tool will produce a little sparks, so please pay attention to marsh gas and oil gas. So as to avoid a fire.
9. When the tool is not used, user must dismantle the battery in case the electric power of the battery is consumed. (PC card in the tool will be in the standby state if the battery is not dismantled.)

### 4. Maintenance and store

1. Daily maintenance is required to ensure that the tool is kept in good working condition.
2. The tool has not been used for a long time, pulls out the battery pack and fully charged. Then pull out the battery pack will need to due to natural power drainage and fully charged per 2 Month. Keep the battery pack long life.
3. Keep the tool clean and free of debris-spread, store it with the battery pad in a clean dry environment.

Exploded assembly drawing art. 21 63 54/56



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