

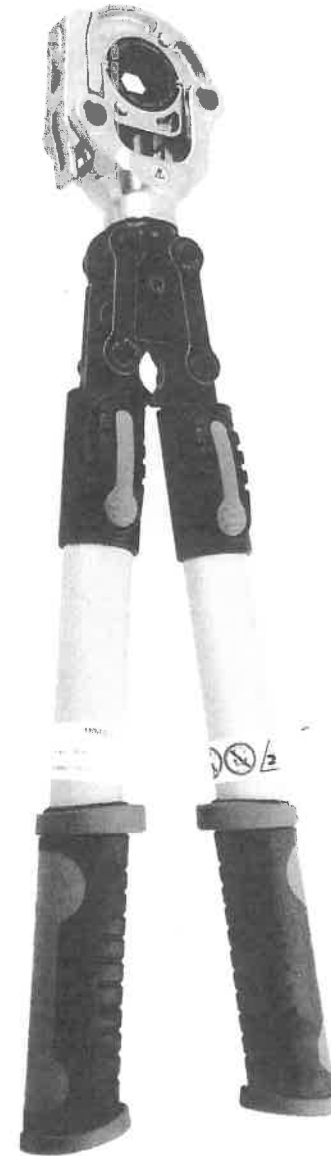
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cimco®
W E R K Z E U G F A B R I K

10 1868

Betriebsanleitung
Operating manual

Service:



Sollten andere Verbindungsmaterialien verpreßt werden müssen, ist eine Rücksprache mit dem Werk zwingend erforderlich.



Achtung Es dürfen keine unter Spannung stehenden Teile verpresst werden.

Vor Arbeitsbeginn ist ein spannungsfreier Zustand der zu verpressenden Verbindung sicherzustellen.



Achtung Es dürfen nur die für das Material vorgesehenen Presseinsätze verwendet werden.

6. Technische Daten

Presskraft:.....	60 kN
Gewicht des kompl. Werkzeuges:.....	ca. 2,500 kg
Länge des Werkzeuges:	ca. 580-830 mm
Presskopf:	360° drehbar

7. Legende



Nicht ohne Kopfverriegelung betätigen



Nicht ohne Presseinsätze betätigen



Achtung!
Quetschgefahr



Schutzbrille verwenden



Vor Gebrauch
Bedienungsanleitung lesen

5.3 Wartungshinweise

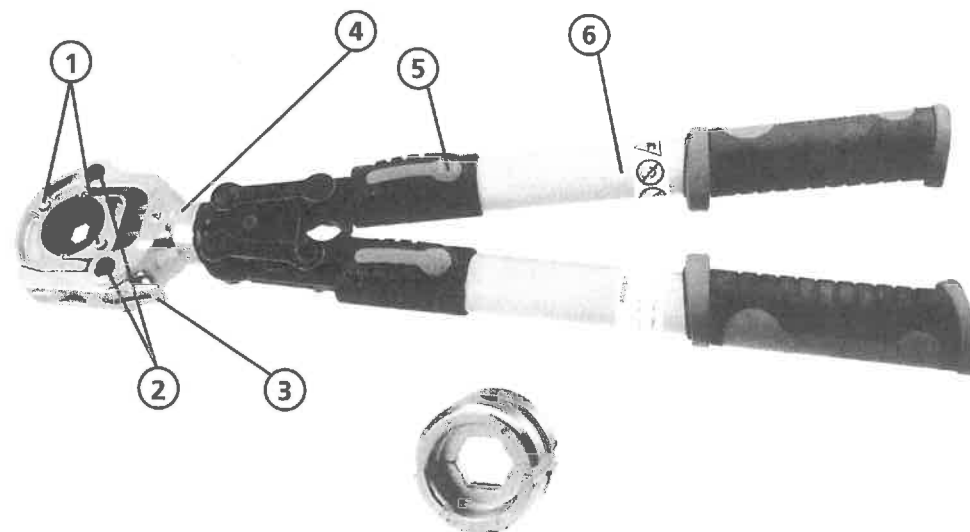
Das mechanische Presswerkzeug ist nach jedem Gebrauch zu reinigen und ein trockener Zustand ist vor Einlagerung sicherzustellen. Das Werkzeug ist im Prinzip wartungsfrei, lediglich die Bolzenverbindungen sind regelmäßig leicht einzuölen.

5.4 Aufbewahrung und Transport des Presswerkzeuges

Um das Presswerkzeug einschließlich der Einsätze vor Beschädigungen zu schützen, sollte es nach Gebrauch und nachdem es gesäubert worden ist, in die Tasche gelegt werden, die dann anschließend sicher zu verschließen ist.

Operating manual

Mechanical crimping tool 10 1868



Item no. Description

1	Die
2	Buttons
3	Latch
4	Crimping head
5	Adjustment knob
6	Telescopic handles

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1. Introduction

Before putting into operation your manual mechanical crimping tool please read the operating instructions carefully. Use this tool exclusively in the field of application it is designed for. Only specially trained persons are allowed to mount and assemble connectors with the help of this tool. The minimum age is 16 years. The operating instructions have to be carried along during the entire life span of the tool.

- The operator has to
- ensure that the operating instructions are available for the user
 - make sure that the user has read and understood the operating instructions.

2. Labels

On the pump you find a label with the type designation, the name of the manufacturer, the serial number and the specifications.

3. Warranty

Subject to proper use we grant a warranty period of 12 months from the date of deliver

4. Description of the compression tool

This tool is a mechanical crimping tool for interchangeable dies.

5. Remarks in respect of the determined use

5.1 Operation of the unit

First you have to select the right dies (Pos.-No. 6) for the intended application. The crimping head has to be opened by unhooking the latch (Pos.-No. 3). Afterwards the retaining clips (Pos.-No. 5) have to be actuated and the dies will be inserted consecutively into the crimping head. Then the connecting material must be positioned in the crimping head and the crimping head must be closed again. The necessary hand forces can be adjusted with the telescope handles. To do that you

have to open the adjustment knobs (Pos.-No. 5), pull them out and then press the adjustment buttons again until they click into place. The crimping process is defined by the closing motion of the dies. During that process the connecting material is positioned in the stationary half of the die whereas the moving part of the die is approaching the compression point. A crimping process is terminated when the dies contacted. After the crimping process has been finished the latch (Pos.-No. 3) has to be opened again and the connecting material has to be removed.

5.2 Explanation of the application range

Our mechanical crimping tool type 10 1868 has a large number of various dies (Pos.-No. 6) available to crimp copper, aluminium and other connecting material according to the determined use.

10-70 mm ²	Solderless Terminals DIN 46234, Pin terminals DIN 46230
10-70 mm ²	Insulated solderless terminals
10-70 mm ²	Tubular cable lugs for fine-stranded conductors
4-50 mm ²	C-clamps
10-150 mm ²	Pre-insulated tubular cable lugs and connectors, insulated pin cable lugs
2x50-2x70 mm ²	Double compression cable-lugs
10-50 mm ²	Tubular nickel cable lugs
10-70 mm ²	oval shape compression joints acc. to DIN 48217 and compression dead ends
10-185 mm ²	Cable end-sleeves
2x4-2x16 mm ²	Twin cable end-sleeves

Crimping range	Connecting material
6-300mm ²	Tubular cable lugs and connectors „Standard type“
6-240mm ²	Compression cable lugs and joints DIN 46235/DIN 46267
10-240mm ²	Aluminium cable lugs and connectors
25-185 mm ²	Compression joints for full-tension connections for Aldrey conductors acc. to DIN 48201, sheet 6 and Al-conductors acc. to DIN 48201, sheet 5, 120-185 mm ²
25/4-120/20	Compression joints acc. to DIN 48085, part 3 for Al/steel conductors acc. to DIN 48204
10-240 sm 35-300 se mm ²	Pre-rounding dies for Al- and Cu-Sector-conductors



Attention: Do only crimp cooper and Al conducting material or special connectinmaterial mentioned in table 2

If different conducting materials have to be crimped, please contact the manufacturer.



Attention Do not crimp on or use near live ciuits. This tool is not insulated.

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

5.3 Service and maintenance Instruction

This mechanical crimping unit has to be cleaned and dried after use. The unit is basically maintenance-free, only the bolt joints have to be oiled regularly.

5.4 Storage and transport of the crimping tool

In order to protect the tool against damages it has to be cleaned carefully after every use and be put into the bag which has to be closed safely.

6. Technical Data

Pressing force:.....60 kN
Weight of the tool:ca. 2,500 kg
Length of the entire tool:ca. 560-860 mm
Crimping head:.....can be turned 360° in a pressure-free state

7. Legend



Never use with unlocked workhead



Never use without dies



Danger! Risk of crushing



Use protective goggles



Read the operation instruction before use

Lined writing area for notes