

INSTRUCTION MANUAL

Battery-operated Hydraulic Crimping Tool

PressMax-C10



Fits all OEM
batteries

Original instruction manual
Ident-No.: 76850000-BA
Stand: 12/2019 / Revision: 05/2026

- ☐ PressMax-C10 Ma (suitable for Makita battery LXT)
- ☐ PressMax-C10 Bo (suitable for Bosch battery PRO)
- ☐ PressMax-C10 Hi (suitable for Hilti battery CPC)
- ☐ PressMax-C10 HiN (suitable for Hilti battery Nuron)
- ☐ PressMax-C10 Mi (suitable for Milwaukee battery M18)

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Thank you for placing your trust in us by purchasing this tool.

1 General Information

We hereby confirm that the tool described in this instruction manual complies with the basic safety and health requirements pursuant to the EC Machinery Directive 2006/42/EC, the EMC Directive 2014/30/EU and the RoHS Directive 2011/65/EU relating to electromagnetic compatibility.

Keep this instruction manual in a place that all users of the tool are familiar with and can access easily. Read this manual carefully before using, maintaining, repairing or disposing of the tool. Make sure that you clearly understand the instructions and symbols explained in this manual or attached to any tools.

You can prevent accidents by adhering to the following basic safety advice pursuant to the EC Machinery Directive 2006/42/EC and the regulations for hand-operated tools. In any case inform yourself about and comply with the accident prevention regulations applicable in your country.

Do not remove existing labels and stickers, especially those containing legally required information.

Upon receiving the tool, make sure that the packaging is intact and the tool did not suffer any transportation damage. In case of damage, please contact Holger Clasen GmbH & Co. KG's customer service at +49 40 511 28-0. Keep the packaging.

1.1 Manufacturer's Warranty

If operated correctly and if the required service intervals are adhered to, we grant a warranty of 24 months beginning as of the day of delivery unless legal regulations require other warranties.

1.2 Disclaimer of Warranty

The product is designed exclusively for the intended use described in this documentation. Provided that the technical specifications are complied with and the prescribed maintenance and servicing measures are carried out, the product is intended for reliable continuous operation.

Safe operation requires compliance with all safety, operating, and maintenance instructions as well as with all applicable statutory regulations.

Any use other than the intended use, overloading, improper handling, failure to perform required maintenance, or unauthorized modifications may, to the extent permitted by law, result in the exclusion of liability and warranty claims.

The product is subject to natural wear and tear. Wear parts are therefore excluded from warranty and guarantee coverage unless a verifiable material or manufacturing defect can be demonstrated.

1.3 Symbols



WARNING!



Danger of hand injuries



Please read the instruction manual



Please wear safety goggles



Please wear safety shoes



Please wear protective clothes



Don't dispose of in residual waste



PressMax-C10 Ma Force 100 kN Range 10 - 300 mm ² Cu/Al Input 18 V DC/600 W Built 2025 holger-clasen.de		PressMax-C10 Bo Force 100 kN Range 10 - 300 mm ² Cu/Al Input 18 V DC/600 W Built 2025 holger-clasen.de		PressMax-C10 Hi Force 100 kN Range 10 - 300 mm ² Cu/Al Input 22 V DC/720 W Built 2025 holger-clasen.de		PressMax-C10 HiN Force 100 kN Range 10 - 300 mm ² Cu/Al Input 22 V DC/720 W Built 2025 holger-clasen.de		PressMax-C10 Mi Force 100 kN Range 10 - 300 mm ² Cu/Al Input 18 V DC/600 W Built 2025 holger-clasen.de	
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Serial No.: In the battery shaft/at the head

2 General Safety Information

WARNING

Danger due to overheating, breakage or electric shock of the battery.

The tool, the battery and the charger are matched components.

- ▶ This tool may only be operated with a suitable rechargeable battery.
- ▶ Charge the battery with the appropriate charger.
- ▶ Only use the original battery and charger.

Charge the battery in accordance with the instructions.

- ▶ Connect the charger to a power source with suitable power specifications.
- ▶ Do not use a DC or motor-driven generator.
- ▶ Unplug the charger after charging is complete.
- ▶ Do not use the charger in the rain.

Pay attention to the temperature of the battery, the charger and the environment.

- ▶ Do not charge the battery at temperatures below 0° or above +40° C.

Ensure sufficient ventilation of the battery during the charging process.

- ▶ Do not cover the battery and charger during charging.

Do not short-circuit the contact surfaces of the battery.

Failure to do so may result in bursting of the battery and leakage of hazardous materials.

- ▶ Secure the contact surfaces of the battery with the cover provided for this purpose.
- ▶ Do not store the battery without the cover together with metal parts such as nails, screws, etc.

Do not place the battery in a fire.

Failure to do so may result in bursting of the battery and leakage of hazardous materials.

Hydraulic fluid under pressure.

Escaping fluid under pressure can cause severe injury or death.

- ▶ If injured, seek medical attention immediately.

Danger due to electric shock.

The tool is not insulated in contact with electrically charged parts.

- ▶ Never work live strands / cables!
- ▶ When using the device on or near live wires, wear suitable personal protective equipment
- ▶ Do not touch the power plug or the battery with wet hands.

Exposed crimping area.

Danger of crushing the hand.

- ▶ Never reach into the running tool.

Influence by electromagnetic waves

The functionality of pacemakers can be influenced by electromagnetic waves emitted.

- ▶ Keep the tool at least 15 cm or more away from the pacemaker.

Risk of injury to the hand

Prevent the tool from starting up unintentionally

- ▶ Always move the piston to the starting position after use or before changing parts and remove the battery.
- ▶ Keep your fingers away from the trigger when transporting the tool.
- ▶ Secure the trigger.

Danger due to inhalation of dust

Depending on work environment dust hazardous to health may be generated during machining.

- ▶ Wear a protective mask during dusty operation.

Danger of eye injuries

Material can fly around.

- ▶ Wear protective goggles. Normal goggles do not provide sufficient protection.

Danger to persons in the vicinity due to breakage

During operation, overload/material fatigue can cause damage to the head. Parts flying around can cause injuries.

- ▶ Do not point the head of the tool at persons in your environment during operation.

Failure to observe the following instructions may result in property damage or accidents:

Use the tool within the scope of its intended use.

Do not overload the tool. Overloading can lead to blocking, excessive heat generation and ignition.

Keep handles and contact surfaces dry, clean and oil-free. Slippery surfaces reduce tool control and can lead to accidents in unexpected situations.

Refrain from any working method that could endanger safety.

Only use attachments and accessories for the work intended for them.

Do not make any modifications to the tool. Ensure a fatigue-free working position.

Remain attentive when working with high concentration.

Do not operate the tool if you are in poor physical condition.

Do not operate the tool under the influence of alcohol.

When using the device on or near live wires, wear suitable personal protective equipment.

Do not touch the power plug or the battery with wet hands.

3 Product Description



A1

A1: Description

- 1 Lash for Carrying Strap
- 2 Crimping Head, rotatable
- 3 Safety lock
- 4 Clamp
- 5 Crimping Die Safety Pin
- 6 Crimping Die Safety Pin
- 7 Return Button
- 8 Release Button
- 9 LED
- 10 Locking Button
- 11 Accumulator (not included)
- 12 Lash for Carrying Strap
- 13 Adjustment Reverse manual/ automatic
- 14 Lash for Carrying Strap
- 15 Type Label

Crimping dies not included in scope of delivery

3.1 Intended Use

This Battery-operated hydraulic tool has been designed for crimping connectors and cable lugs with C-shaped crimping dies (form: C) according to the crimping die table (chapter 4.1). For other applications, please contact Holger Clasen GmbH & Co. KG. The tool has been designed to be connected to an accumulator according to technical data.

Although this tool has been designed according to the state-of-the-art and recognized safety requirements, its use may constitute a potential threat to the life and limbs of its user or third parties or damage the tool or other material assets. Use or application for purposes other than those intended by the manufacturer will be considered improper. Holger Clasen GmbH & Co. KG will not be liable for damage resulting from improper use. The operator works at his own risk.

3.2 Expected misuse

Do not retract the tool without inserted crimping dies.
This will cause damage and possibly break the head.

3.3 Qualification

This tool may only be used by qualified personnel who have read this safety advice and instruction manual.

3.4 Operator Protection



Danger due to chips flying around.

Wear protective goggles.

Standard glasses do not provide sufficient protection and are no proper substitution for safety eyewear.



Danger of drawing in of clothes and hair.

Wear protective clothes.

Loose or baggy clothes increase the risk of catching or winding on moving parts.

- Wear tight-fitting work clothing.
- Do not wear long hair open. Wear it well covered.
- Do not wear rings, chains or other jewellery.



Risk of crushing/sliding.

Wear protective shoes.

Make sure to stand firmly.

3.5 Workplace

Do not use the tool in environments where there is a risk of fire or explosion.

Keep your workplace clean.

Keep children and unauthorized people away from your work environment.

Ensure that there is sufficient lighting at the workplace.

Before switching on the tool, make sure that no one is endangered by the starting tool.

Protect the tool from moisture, water, extreme heat / cold, chemical solutions and gases.

Do not use the tool, the battery and the charger in the rain or in a wet environment or a wet environment. Do not charge the battery there either.

Protect the battery tool from falls or impacts.

3.6 Temperature Range

The possible working range of the tool is in the temperature range from -20°C to +40°C.

The recommended working range is in the temperature range from -5°C to +40°C. Temperatures between -20°C and -5°C leads to changes in the flow properties of the hydraulic oil.

To ensure unrestricted use, we recommend storing the tool for one hour in a room with a temperature of +10 to +25°C.

3.7 Transport and Storage

Ensure dry storage to protect the tool from rust.

Clean the tool before / after use and before storage.

Secure the contact surfaces of the battery with the cover provided.

If the tool is transported to another factory department or location, make sure that the tool and/or accessories are not damaged. Pack the tool accordingly.

Store the tool properly when not in use.

Store the tool in a place inaccessible to unauthorized persons.

Do not store the tool and battery in a place where the temperature may rise to +40°C or more (in a metal box, in a car in summer, etc.). Overheating may cause damage, smoke generation or ignition.

⚠ Due to the high energy density of rechargeable batteries, there is a higher risk potential, especially when shipping used rechargeable batteries.

One of the greatest risk factors when transporting rechargeable batteries or battery-powered devices is the danger of short circuits if the battery terminals meet other rechargeable batteries, metal objects or other conductive material.

If the battery is inserted in the tool, the battery terminals are secured.

If they are stored separately or shipped individually, secure storage must be ensured. A possible short circuit and damage to the connection terminals must be prevented. For this purpose, the battery terminals must be secured with a non-conductive material (e.g. adhesive tape) or the contact protection cap. Batteries must be adequately protected against movement.

Special protective measures must be taken when shipping in airplanes or batteries over 100 Wh.

Notice IATA Packing instruction 965 Part 2 for lithium-ion-batteries. If package/battery is damaged, batteries must be quarantined, inspected and repacked.

Attention: Following the IATA Packing instructions batteries are delivered on 30 % charge level. Please completely charge the battery before usage with the recommended battery charger.

Observe the manufacturer delivery information (download):

Makita:

<https://www.holger-clasen.de/bl1850b-makita-akku-lithium-ionen-18-v/79300115>

Bosch:

<https://www.holger-clasen.de/en/bosch-battery-lithium-ion-18-v/79300122>

4 Technical Data

Item	PressMax-C10
Crimping Force	100 kN
Stroke	17 mm
Weight*	18 V / Hilti (Hi/HiN): 22 V
Voltage	4.1 kg
Dimensions* L x W x H	334 x 82 x 300 mm
Head	Closed, 180° drehbar
Sound Pressure Level L_{pa}	75.4 dB(A)
Sound Power Level L_{WA}	86.4 dB(A)
Vibration a_h	0.21 m/s ²
Uncertainty K	0.012 m/s ²

* without battery

MasterBase technology offers the following battery options:

Item	Item No.	Suitable for batteries
PressMax-C10 Ma	76750000	Makita 18 V Li-Ionen LXT
PressMax-C10-Set Ma **	76850000	Makita 18 V Li-Ionen LXT
PressMax-C10 Bo	76762400	Bosch 18 V Li-Ionen PRO
PressMax-C10-Set Bo ***	76862400	Bosch 18 V Li-Ionen PRO
PressMax-C10 Hi	76761000	Hilti 22 V Li-Ionen CPC
PressMax-C10 HiN	76767000	Hilti 22 V Li-Ionen Nuron
PressMax-C10 Mi	76003800	Milwaukee 18 V Li-Ionen M18

****Scope of Delivery Set:**

PressMax-C10 Ma (Item No. 76750000),
 Li-Ion Battery Makita BL1850B, 18 V / 5 Ah (Item No. 79300115),
 Battery Charger DC18RC (Item No. 79300120),
 Carrying Strap TR-25-2 (Item No. 07775001),
 Transportation Case KOFF-Km PM-C5-14 (Item No. 79500127)

*****Scope of Delivery Set:**

PressMax-C10 Bo (Item No. 76762400),
Bosch Li-Ion Battery PRO GBA 18V 5.0 Ah (Item No. 79300122),
Bosch Battery Charger PRO GAL 1880CV (Item No. 79300123),
Carrying Strap TR-25-2 (Item No. 07775001),
Transportation Case KOFF-Km PM-C5-14 (Item No. 79500127)

Noise information and vibration values in accordance with EN 62841-1

The sound pressure and vibration values given in these instructions were measured in accordance with a standardized test and can be used to compare one power tool with another. They can also be used for a preliminary assessment of exposure.

The data given represent the main applications of the power tool. However, if the power tool is used for different applications, with different accessory tools, or is poorly maintained, the data can vary. This can significantly increase exposure over the total working period.

An accurate estimation of exposure should also take into account the times when the tool is switched off, or when it is running but not actually being used for a job. This can significantly reduce exposure over the total working period.

Identify additional safety measures to protect the operator from the effects of noise and/or vibration, for example: maintaining the power tool and accessory tools, keeping the hands warm, organization of work patterns.

4.1 Crimping Die Table

NOTICE

Our crimping dies are manufactured in accordance with the DIN 48083 standard. The assignment to the crimping areas is for guidance only.

Please observe the connector manufacturer's specifications regarding the required force and index number.

Due to the large number of possible connectors/materials, we always recommend carrying out test crimping.

Tensile tests, conductivity tests or cross-section checks may also be useful in individual cases.

Please contact us, we can arrange a test for you.



The tool is designed to accommodate C-shaped crimping dies (C)

Nomenclature:

Example: K8 / 5 – C
K8 – Index according to DIN 48083 (**up to 300 kN**)
5 – 5 mm Crimping width
C – C-shaped crimping dies

DIN- Crimping Dies for PressMax-C10:

Cu nach DIN / acc. to DIN			Al nach DIN / acc. to DIN		DIN Al/St-Seile*/ACSR-Ropes			
Pressbereich Crimping Range DIN 48083	Zugentlastet Non Tension	Zugfest Full Tension	Zugentlastet Non Tension	Zugfest Full Tension	Werkzeug- Kennzahl Index DIN 48083	Al-Hülse Al-Sleeve	St-Hülse St-Sleeve	Presseinsatz Crimping Die
10 mm²		K8 / 14 - C # 769 00 030	K10 / 14 - C # 769 00 031		6		16/2,5 25/4 35/6	K6 / 5 - C # 769 00 402
16 mm²	K8 / 14 - C # 769 00 030	K8 / 14 - C # 769 00 030	K12 / 14 - C # 769 00 032	K12 / 14 - C # 769 00 032	7		50/8	K7 / 5 - C # 769 00 401
25 mm²	K10 / 14 - C # 769 00 031	K10 / 14 - C # 769 00 031	K12 / 14 - C # 769 00 032	K12 / 14 - C # 769 00 032	9		70/12 95/15	K9 / 5 - C # 769 00 399
35 mm²	K12 / 14 - C # 769 00 032	K12 / 14 - C # 769 00 032	K14 / 14 - C # 769 00 033	K14 / 14 - C # 769 00 033	12	16/2,5 25/4		K12 / 14 - C # 769 00 032
50 mm²	K14 / 14 - C # 769 00 033	K14 / 14 - C # 769 00 033	K16 / 14 - C # 769 00 034	K16 / 14 - C # 769 00 034	13		120/20 150/25	K13 / 5 - C # 769 00 398
70 mm²	K16 / 14 - C # 769 00 034	K16 / 14 - C # 769 00 034	K18 / 14 - C # 769 00 035	K18 / 14 - C # 769 00 035	14	35/6		K14 / 14 - C # 769 00 033
95 mm²	K18 / 14 - C # 769 00 035	K20 / 14 - C # 769 00 036	K22 / 14 - C # 769 00 037	K22 / 14 - C # 769 00 037	15		siehe **	K15 / 5 - C # 769 00 397
120 mm²	K20 / 14 - C # 769 00 036	K22 / 14 - C # 769 00 037	K22 / 14 - C # 769 00 037	K25 / 14 - C # 769 00 038	16	50/8		K16 / 14 - C # 769 00 034
150 mm²	K22 / 14 - C # 769 00 037	K25 / 14 - C # 769 00 038	K25 / 14 - C # 769 00 038	K28 / 14 - C # 769 00 039	18	70/12		K18 / 14 - C # 769 00 035
185 mm²	K25 / 14 - C # 769 00 038		K28 / 14 - C # 769 00 039	K28 / 14 - C # 769 00 039	22	95/15		K22 / 14 - C # 769 00 037
240 mm²	K28 / 7 - C # 769 00 040		K32 / 7 - C # 769 00 041	K32 / 7 - C # 769 00 041	25	44/32 50/30 120/20		K25 / 14 - C # 769 00 038
300 mm²	K32 / 7 - C # 769 00 041		K34 / 7 - C # 769 00 042		28	125/30 150/25		K28 / 14 - C # 769 00 039
					30	170/40 185/30 95/55		K30 / 14 - C # 769 00 403
					34	105/75 120/70 210/35 210/50 230/30 240/40		K34 / 14 - C # 769 00 066

- * Querschnitt Al/St / Cross section ACSR
- ** 44/32, 50/30, 125/30, 170/40, 185/30,
210/35, 230/30, 240/40, 265/35, 305/40,
340/30, 385/35, 450/40, 495/35, 570/40

Further Crimping Dies for PressMax-C10:

Pressbereich Crimping Range	Al / Cu-Sektorleiter / Sector-shaped conductor - Vorrunden / Prerounding		Nicht DIN Sechskant / Non DIN Hexagonal	Dorn Arbor	Doppeldorn Double Arbor	H-Klemmen H-Clamps	Doppelpress- Kabelschuh Double Crimping Cable Lug	Trapez für Aderendhülsen Trapezoid for Wire End Ferrules
	Eindrähtig Single Stranded	Mehrdrähtig Multi-Stranded						
10 mm ²				D10 / 10 - C # 769 00 173				AE10/20-C # 76900641
16 mm ²		R12 / 35 - C # 769 00 069	ND16 / 14 - C # 769 00 050	D16 / 10 - C # 769 00 174	DD16 / 5 - C # 769 00 383			AE16/20-C # 76900642
25 mm ²	R12 / 35 - C # 769 00 069	R12+ / 35 - C # 769 00 070	ND25 / 14 - C # 769 00 051	D25 / 11 - C # 769 00 175	DD25 / 7 - C # 769 00 384			AE25/20-C # 76900643
35 mm ²	R12+ / 35 - C # 769 00 070	R14 / 35 - C # 769 00 071	ND35 / 14 - C # 769 00 052	D35 / 12 - C # 769 00 176	DD35 / 7 - C # 769 00 385			AE35/20-C # 76900644
50 mm ²	R14 / 35 - C # 769 00 071	R16 / 35 - C # 769 00 072	ND50 / 14 - C # 769 00 053	D50 / 12 - C # 769 00 177	DD50 / 9 - C # 769 00 386	HK22 / 35 - C # 769 00 363	DP22 / 12 - C # 769 00 378	AE50/20-C # 76900645
70 mm ²	R16 / 35 - C # 769 00 072	R18 / 35 - C # 769 00 073	ND70 / 14 - C # 769 00 054	D70 / 12 - C # 769 00 178	DD70 / 9 - C # 769 00 387	HK26 / 35 - C # 769 00 364	DP24 / 35 - C # 769 00 360 DP24 / 12 - C # 769 00 379	AE70/20-C # 76900646
95 mm ²	R18 / 35 - C # 769 00 073	R22 / 35 - C # 769 00 079	ND95 / 14 - C # 769 00 055	D95 / 12 - C # 769 00 179	DD95 / 11 - C # 769 00 388	HK30 / 35 - C # 769 00 365	DP29 / 35 - C # 769 00 361 DP29 / 12 - C # 769 00 380	AE95/20-C # 76900647
120 mm ²	R22 / 35 - C # 769 00 079	R22+ / 35 - C # 769 00 074	ND120 / 14 - C # 769 00 056	D120 / 12 - C # 769 00 180	DD120 / 11 - C # 769 00 389	HK32 / 35 - C # 769 00 366	DP32 / 35 - C # 769 00 362 DP32 / 12 - C # 769 00 381	AE120/20-C # 76900648
150 mm ²	R22+ / 35 - C # 769 00 074	R25 / 35 - C # 769 00 075	ND150 / 14 - C # 769 00 057	D150 / 12 - C # 769 00 181	DD150 / 11 - C # 769 00 390			AE150/20-C # 76900649
185 mm ²	R25 / 35 - C # 769 00 075	R28 / 35 - C # 769 00 076	ND185 / 14 - C # 769 00 058					AE185/20-C # 76900650
240 mm ²	R28 / 35 - C # 769 00 076	R32 / 35 - C # 769 00 077	ND240 / 14 - C # 769 00 059					AE240/20-C # 76900651
300 mm ²	R32 / 35 - C # 769 00 077	R34 / 35 - C # 769 00 078	ND300 / 7 - C # 769 00 061					
400 mm ²			ND400 / 7 - C # 769 00 062					

5 Commissioning

The tool set includes a tool, a battery and a matching charger.

Charge the battery using only this charger.

Fully charge the battery before using it for the first time.

Make sure that the accumulator is charged before each use.

Reload if necessary.

Observe the manufacturer manual (Download):

Makita:

<https://www.holger-clasen.de/bl1850b-makita-akku-lithium-ionen-18-v/79300115>

<https://www.holger-clasen.de/en/dc18rc-makita-quick-charger/79300120>

Bosch:

<https://www.holger-clasen.de/en/bosch-battery-lithium-ion-18-v/79300122>

<https://www.holger-clasen.de/en/bosch-quick-charger/79300123>

6 Operation

WARNING

Exposed Crimping Area.

Danger of hand injuries.

- Never reach into the running tool.

NOT suitable for continuous use. The motor overheats when working in series.
Allow the tool to cool down for a few minutes in good time.

6.1 LED-Workplace Illumination

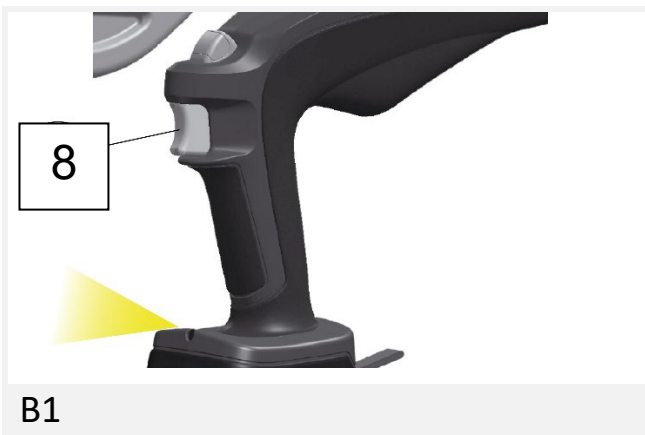
The LED for working field illumination switches on after the forward or reverse switch is actuated and remains lit until 10 seconds after the switch is released.

WARNING

Very bright light source.

Danger due to damage to the eyes during prolonged eye contact.

- Do not look directly into the LED.



B1: Press the forward/return button.

The LED switches on.

The LED shines until 10 seconds after the switch is released.

As a warning, the LED flashes when the battery level falls below 25 % when the tool is started. In this case, charge the battery immediately.

6.2 Integrated Protective Function

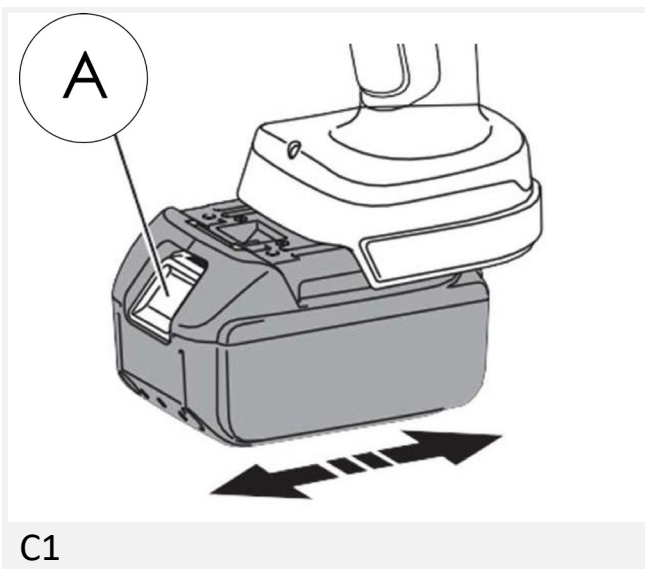
To protect the battery against deep discharge and to increase the service life, the tool motor switches off before the critical range and the motor stops; this is not a malfunction.

As a warning, the LED flashes when the battery level falls below 25 % when the tool is started. In this case, charge the battery immediately.

6.3 Inserting / Removing the Battery

The LEDs indicate the battery capacity.

To do this, press the test button on the battery.



C1:

Inserting:

Push the battery firmly into the battery holder.

The locking button (A) must engage.

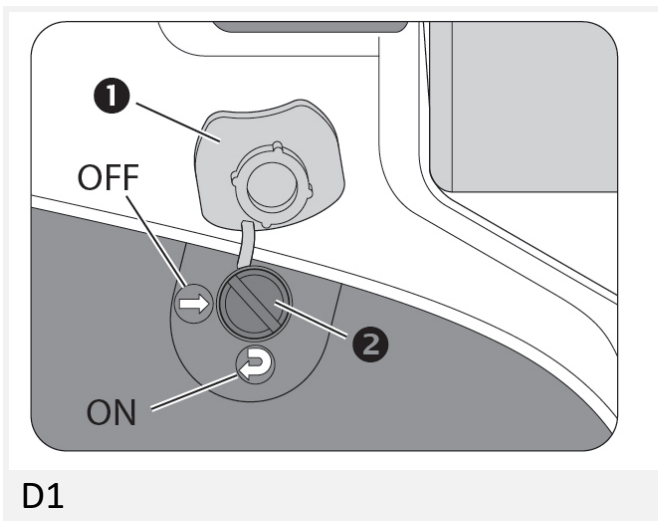
Check that the battery is firmly engaged

Removing:

Press and hold the locking button (A).

Pull the battery off the tool.

6.4 Select Auto Retract / Manual Retract



The tool is set to automatic return upon delivery.

Use a screwdriver to open the rubber cover ❶.

If the slot ❷ points to the **curved arrow**, **automatic return** is activated.

If the slot ❷ points to the **straight arrow**, **manual return** is set.

The user controls the forward and reverse functions using the buttons.

The changeover is made by turning a screwdriver a quarter turn.

Close the cover again.

Manual Return:

Press the forward button (8) to process the material.

Keep the forward button pressed.

The tool stops when it reaches maximum force.

Move the piston to its starting position/desired position by pressing the reverse button (7).

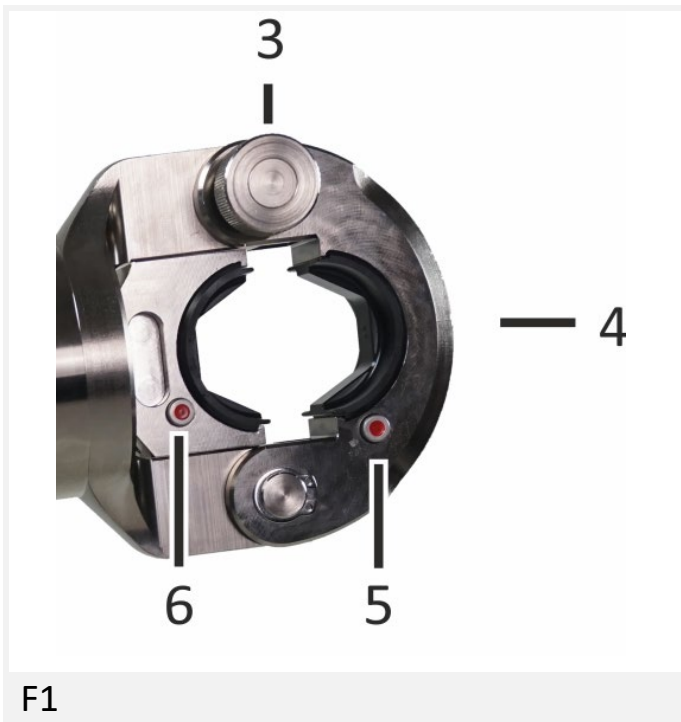
Automatic Return:

Press the forward button (8) to process the material.

The tool stops when the maximum force is reached and the piston automatically returns to its starting position.

By pressing the forward button again, you can interrupt the return movement and the piston will stop at the **desired position**.

6.5 Inserting/Removing Crimping Dies



Select the correct crimping dies for the connector (chapter 4.2).
Insert the crimping dies for the tool in pairs.

Inserting:

Slide the crimping dies into the guides of the hanger (4) and the piston top.
Press the crimping die safety pins (5+6), then the dies can snap into place.
Check that the crimping dies are centered and firmly engaged.

Removing:

Press the crimping die safety pins (5+6).
Then you can remove the crimping dies.

6.6 Crimping

Check the head and the control buttons for function and damage.

If there is obvious damage, do not put it into operation.

Move the crimping head to its starting position by using the return button (7).

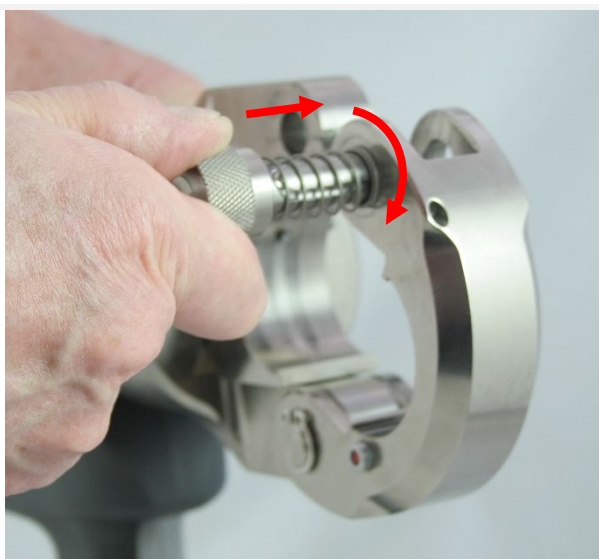
Insert the cable into the connector material.

NOTICE

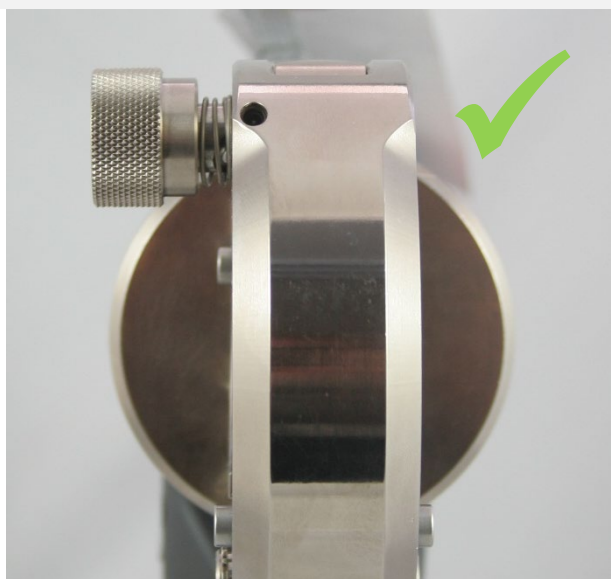
Non-observance of the following advice will lead to damage and even to breakage of the head.



G1



G2



G3

G1: Opening the Safety Lock:

By pressing and a quarter turn counterclockwise.
The clamp of the crimping head is released.

G2: Closing the Safety Lock:

Fold the clamp back into place.
Insert the pin of the safety lock in.
Turn the safety lock clockwise a quarter turn.

G3: Checking Locking:

Make sure that the clamp is closed completely. Non-observance will lead to deformation and even destruction of the head.

Tool alignment to the material:

Hold the press head at an angle of 90° to the material to be pressed.

Press the release lever (8) to crimp the connector material.
Keep the release lever pressed until the maximum pressure is reached.
The pressure relief valve stops the pressure build-up when the maximum pressure is reached.

For **manual return**, move the piston to its starting position by actuating the return switch (7).

With **automatic retraction**, the retraction takes place after reaching the maximum force or releasing the release lever.

Check that the crimping dies are fully closed.

Only then is the crimping process fully completed.

If possible, use a measuring gauge to check the crimping.

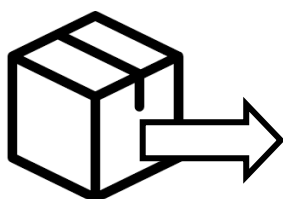
7 Troubleshooting

If the tool is colder than -5°C, store it in a room with a temperature of +10 to +25°C for at least one hour to allow the tool to warm up to room temperature again. At temperatures between -20°C and -5°C, the flow properties of the hydraulic oil change.

Error	Cause	Solution
The tool does not work.	The battery is not charged.	Recharge the battery.
	The battery is not inserted correctly.	Insert the battery correctly.
	The contacts between the battery and the tool are dirty.	Clean the contacts.
	Fault in the hydraulic system (e.g. air).	Have the manufacturer inspect the tool.
The crimping dies do not move to starting position	The head is dirty.	Remove chips and metal left on the movable parts.
	Wear of the return spring.	Have the manufacturer inspect the tool.
	Defect hydraulic system.	Have the manufacturer inspect the tool.
The piston moves too slowly/not at all together.	Fault in the valves.	Have the manufacturer inspect the tool.

8 Maintenance and Service

Task	Period	Maintenance by
Clean and grease movable parts. ► Use machine care oil Not authorised: chemicals, water or wet clothes	Daily	User
Inspection for damage and defects	Daily	User
Maintenance: ▪ Tool ▪ Operating pressure ▪ Hydraulic oil ▪ Head/Dies	Every 12 months (approx. 10.000 work cycles)	Manufacturer



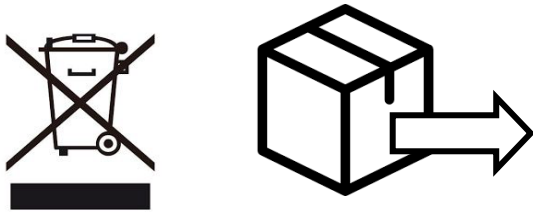
TSC Technik-Service-Center
Alsterdorfer Straße 228
22297 Hamburg, Germany
Tel. +49 40 511 28-200
service@holger-clasen.de
www.holger-clasen.de

Only use the original hydraulic oil used by us.

The use of any other hydraulic oil may damage the tool or affect functionality.

Disassembly or modification of the tool by unqualified persons could cause accidents. Always allow qualified technicians only or the Technik-Service-Center (TSC) by Holger Clasen GmbH & Co. KG to carry out maintenance work. Use original spare parts by HOLGER CLASEN.

9 Disposal



Holger Clasen GmbH & Co. KG
 Alsterdorfer Straße 228
 22297 Hamburg, Germany
 Tel. +49 40 511 28-0
service@holger-clasen.de
www.holger-clasen.de

Do not dispose of the tool as a unit in residual waste.

Tool components can cause environmental damage!

Dispose of the tool in accordance with the scope of the European WEEE (2012/19/EU) and RoHS directives (2011/65/EU).

Rechargeable batteries must be disposed of in accordance with the Battery Directive (2023/1542/EU).

Improper disposal is punishable under the Environmental Liability Act!

In accordance with §19 ElektroG, Holger Clasen GmbH & Co. KG offers the following options for returning old appliances:

1. send in the old appliance with clear notification for disposal to the following drop-off address: **Holger Clasen GmbH & Co. KG, Alsterdorfer Straße 228, 22297 Hamburg, Germany.**
2. personal delivery of the old appliance to the above address.
3. chargeable commissioning of Holger Clasen GmbH & Co. KG to collect the old appliance. The end user is responsible for the proper packaging of the old appliance.

The owner of the waste equipment is responsible for the disposal of personal data in physical or digital form prior to handover.

The owner of the old appliance is responsible for the non-destructive separation or appropriate packaging of old batteries and accumulators in accordance with Section 10 (1) ElektroG, unless they are enclosed by the old appliance.

The battery, the circuit boards and other components must be disposed of separately in accordance with the environmental standards in force in the European Union or in your country. Send the tool to Holger Clasen GmbH & Co. KG for disposal.

Do not dispose of battery pack together with household waste material! In observance of the European Directive 2006/66/EC, on batteries and accumulators and waste batteries and accumulators and the implementation in accordance with national laws, batteries and battery pack(s) that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

For the disposal of products from other manufacturers, please check their applicable disposal procedures.

For Makita and Bosch products, you will find disposal instructions in the download section of our website under the relevant products.

10 Accessories

Type		Description	Item No.
Case PressMax-C10 Ma / Bo / Mi	Koff-Km PM-C5-14	Lightweight Plastic case with compartments for tool, two batteries, battery charger, crimping die box	79500127
Carrying Strap	TR-REC	Carrying strap for battery tools, strap 25 mm wide, 1 snap hook	07542106
	TR-25-2	Carrying strap for battery tools, strap 25 mm wide, 2 snap hooks	07755001
Battery Makita*	BL1850B	Type: Lithium-Ion (90 Wh) Battery Voltage: 18 V Capacity: 5.0 Ah Dimensions: 115 x 75 x 67 mm Weight: 0.64 kg Charging Time: 45 min Charger: DC18RC	79300115
Battery Charger Makita	DC18RC	Input Voltage: 220 – 240 V, 50/60 Hz Weight: 0.90 kg Dimensions: 156 x 190 x 84 mm Charging Time BL1850B (5.0 Ah): 45 min	79300120
Battery Bosch	GBA 18V 5.0Ah	Type: Lithium-Ionen (90 Wh) Battery Voltage: 18 V Capacity: 5.0 Ah Dimensions: 74 x 114 x 56 mm Gewicht: 0.62 kg Charging Time: 80% / 28 min 100% / 45 min Charger: GAL 1880 CV	79300122

Battery Charger Bosch	GAL 1880 CV	Input Voltage: 220 – 240 V, 50/60 Hz	79300123
		Charging Current: 8 A	
		Weight: 0.70 kg	
		Dimensions: 140 x 95 x 250 mm	
		Charging Time GBA 18V 5 Ah: 100% / 45 min	

* Optionally, other 18V Makita batteries can be used:
BL1815N, BL1820B, BL1830B, BL1840B, BL1860B

EC DECLARATION OF CONFORMITY

We: **HOLGER CLASEN GmbH & Co. KG**

Alsterdorfer Straße 228

22297 Hamburg, Germany

in accordance with the following Directive(s)

2006/42/EG – The Machinery Directive

2014/30/EU – EMC Directive

2011/65/EU – RoHS Directive

hereby declare that,

Equipment: **Battery-operated hydraulic Crimping Tool**

Type: **PressMax-C10**

Serial number: _____

is in conformity with the applicable requirements of the following documents:

Machinery Directive: EN 62841-1:2015; 62841-2-8: 2016

EMC Directive: EMI: EN 61000-6-4: 2007+A1:2011

EMS: EN 61600-6-2: 2005

I hereby confirm that the equipment named above has been designed to comply with the relevant sections of the above referenced specifications. The unit complies with all applicable Essential Requirements of the Directive(s).

Hamburg, 30.10.2019

HOLGER CLASEN GmbH & Co. KG



Lennart Clasen (Managing Director)