

B1350-CT 18V Cembre Cordless Hydraulic Crimper

Part No. **B1350-CT**

Cembre have launched the next generation, state of the art range of 18V battery powered hydraulic tools loaded with features. Based on the renowned Cembre 13 ton, 14V battery powered tools, the new tool is suitable for crimping up 400mm² using die sets common to the Cembre tooling range and 400mm² using CABAC Australian dimensioned dies. The unique 18V 4Ah lithium-ion battery offers a higher capacity than its 14V 3 Ah predecessor. Greater operating speed and crimping force is a result of a revitalised hydraulic system with double speed action giving a more rapid approach of the dies to the connector. A maximum pressure sensor and security valve assures greater precision and repeatability of the pressure cycle with double the provision for operator safety.

The Cembre 18V range is easy to manage during crimping with low operating noise and vibration aiding user comfort in addition to the ergonomic housing. An LED light is included for convenience and safety, enhancing vision in darker areas.



MAX CRIMPING FORCE (kN)	DIMENSIONS (mm)			BATTERY TYPE	WEIGHT WITH BATTERY (kg)
	LENGTH	HEIGHT	WIDTH		
132	338	344	83	18V 4.0 AH LI-ION	6.41

Features

- Simple and basic operation with low vibration, noise and comfortable handling
- Improved cycle time
- Increased cycles per battery charge
- OLED display provides real time operating information
- USB interface and on-board memory provides convenient logging
- Head rotates 180°
- Throat size: 25mm
- Built in LED working light for dark areas

OLED Display

The crimping tools are supplied with OLED display, which provides essential real time tool operating information such as momentary force reached and maximum pre-set level (in Newtons, tons, PSI or bar). The OLED also displays the battery charge level, tool serial number, number of cycles performed and number of cycles before scheduled maintenance. An LED work light and service status light is displayed for assistance with maintenance.

Ordering Information

The B1350-CT is supplied with:

- Plastic carry case suitable for storing the tool, seven dies sets and accessories
- Two spare batteries (Part No. CB1840L) and a battery charger (Part No. ASC30-36)
- Shoulder strap
- Instruction manual

18V 4.0 Ah Battery

- Provides 100% of its energy between -15° C and 50° C
- Electronic control of single cells to avoid over and under charging
- Air-cooled charging technology to increase battery life
- Auto-off to optimise energy consumption
- Built in LED charge level indicator
- Tough and rugged housing

The OLED display provides essential real time tool operating information data:

Minimum set force and momentary force reached expressed in kN, confirms correct operation.	F _m 125.2 kN OK
Minimum set force and momentary force reached expressed in US Ton, confirms correct operation.	F _m 12.76 Ton OK
Minimum set pressure and momentary pressure reached expressed in bar, confirm correct operation.	P _m 692 bar P _s 704 bar
Minimum set pressure and momentary pressure reached expressed in Psi, confirm correct operation.	P _m 10037 psi OK
Battery charge level	BATTERY
No. of cycles performed	4952
No. of cycles before scheduled recommended maintenance.	5048
Cembre Logo, tool model	B1350 NR13AP485
Tool serial number	
LED Worklights On & Off	LED ON
Return to factory settings/firmware version	RESET SW: 01.04140H

In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer's instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.

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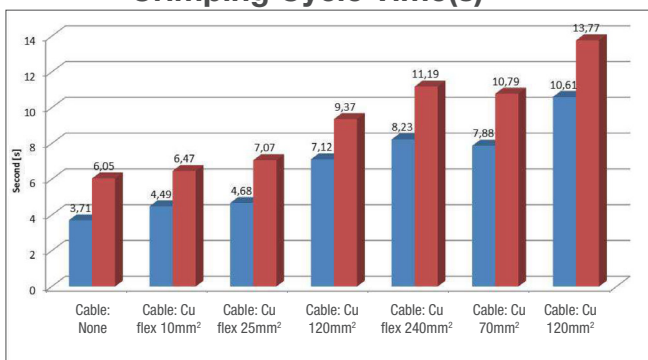
The crimping tools incorporate on-board memory for data logging up to 200 000 cycles which can be transferred to a PC by USB interface. This unique feature assists with logging work performance and ensuring the tool is in proper working condition.

Software is available free from the Cembre website <http://www.cembre.com>. Simply register in the Reserved Area tab. The software is easy use and is supported by a manual. Connection between the tool and a PC is via mini USB cable.

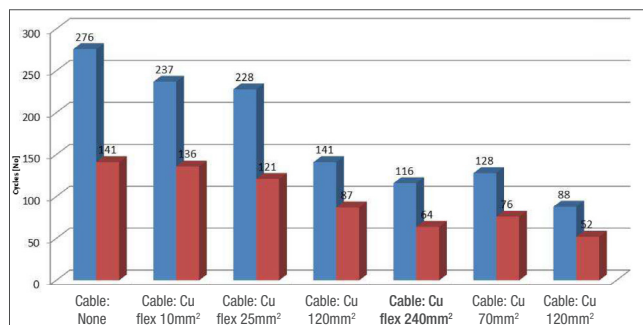
Crimping Cycles: The crimping cycle time for the B1350-CT is shorter than the 14V battery powered B135-C and the expected number of cycles per battery charge is greater. Below is a comparison table B1350-CT vs. B135-C (superseded model)

TEST CRITERIA	CRIMPING CYCLE TIME(S)		EXPECTED NO. OF CYCLES WITH ONE BATTERY	
	B1350-CT	B135-C	B1350-CT	B135-C
Cable: None	3,71 38.8% faster than B135-C	6,05	276 95.6% increase over B135-C	141
Cable: Cu flex 10mm ²	4,49 30.6% faster than B135-C	6,47	237 74.3% increase over B135-C	136
Cable: Cu flex 25mm ²	4,68 33.8% faster than B135-C	7,07	228 89.3% increase over B135-C	121
Cable: Cu flex 120mm ²	7,12 24% faster than B135-C	9,37	141 61.2% increase over B135-C	87
Cable: Cu flex 240mm ²	8,23 26.5% faster than B135-C	11,19	116 81.5% increase over B135-C	64
Cable: Cu 70mm ²	7,88 27.0% faster than B135-C	10,79	128 68.2% increase over B135-C	76
Cable: Cu 120mm ²	10,61 23.0% faster than B135-C	13,77	88 69.7% increase over B135-C	52

Crimping Cycle Time(s)



Expected No. of Cycles with One Battery



OPTIONAL ACCESSORIES:

PART NO.	PRODUCT	DESCRIPTION
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CB1840L



Spare Battery

ASC30-36



Spare Charger

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