



Cembre

CORDLESS HYDRAULIC
CRIMPING TOOL

B500



Certified Quality Management System



Certified Environmental Management System



Certified Occupational Health & Safety Management System

NEW GENERATION 18.0 V - 4.0 Ah Li-Ion

B500 is the first of a new generation of hand-held cordless tools heralding a significantly advantageous evolution from current models.

B500 is suitable for crimping electrical connectors onto conductors with sections up to 240 mm².

The new tool uses the series of dies common to Cembre 50 kN tools and heads.

Equipped with Li – Ion 18 V 4 Ah batteries, B500 offers greater capacity than the previous 14.4 V 3 Ah versions.

Faster compression and greater crimping force result from the new two-speed hydraulic system: a high approach speed which automatically switches to a low crimping speed, ensuring optimal use of the available energy.

Fitted with a maximum pressure sensor for enhanced precision and repeatability of the maximum pressure cycle, and a pressure relief valve providing additional safety for the operator.

The OLED display provides essential real time operating data, including:

- crimping force generated, thus verifying accordance with best practice
- battery charge status
- general operating information
- the number of work cycles completed and remaining before recommended maintenance.



NEW GENERATION OF CEMBRE CORDLESS C



Operating features:

- 180° rotating head
- Start button protected against accidental operation
- Pressure release button
- Automatic battery connection system with release button
- LED lighting of the working area
- Motor ventilation
- Bi-component plastic body
- OLED multifunctional display with touch button
- Centre of gravity positioned for optimised handling
- Anatomical shaping for more convenient and practical grip
- Li-Ion 18.0 V rechargeable high capacity battery



Innovation first and foremost, it's in our DNA

...and expressed in our designs, here weight and balance have been reconfigured to yield advances in handling and convenience.

The more rigid structure of the bi-component plastic body provides greater mechanical protection while its rubber inserts boost operator safety and comfort.

Quieter operation, illumination of the working area via LED lights and a minimum of vibration make for even more practical use.

The integrated memory card enables the user to store data from up to 200,000 compression cycles for transfer to a computer via a USB communication interface.



R I M P I N G T O O L S

New multifunction OLED display:

LED ON 

General operating data

 4952
 5048

Cycles performed and remaining before maintenance

  

BATTERY charge status

P_m= 661 bar

Pressure level check

OK

F_m= 60.0 kN

Crimping force check

OK

Technical Features:

Type	Nominal Compression Force kN	MAIN APPLICATIONS - max section mm ²				Dimensions mm			Li-Ion Battery	Weight kg	STORAGE			
		L.V. lugs and splices	Insulated terminals	End sleeves	"C" sleeve Connectors	length	height	width			Type	Dimensions mm	Weight kg	Supplied with the tool
B 500	63	240	120	120	70	300	343	83	18V - 4 Ah	4,2	VAL P35	500x480x128	3,1	✓



Accessories supplied:

- **CB 1840L**, Li-Ion 18.0V 4.0 A h Battery (2 pcs)
- **ASC 30-36 EU 27044000**, Battery charger (INPUT 220-240 V / 50-60 Hz; OUTPUT 12-42 V DC / 3.0 A MAX.)
- Shoulder strap
- Plastic carry case



4.0 Ah



New Li-Ion 18.0V 4.0 Ah High Capacity Battery:

- Provides 100 % of its energy between -15 and +50°C
- Electronic control of the individual cells to avoid under or overcharging
- AIR COOLED ventilated charging technology for a longer life and shorter recharge time
- Timed auto off switch to optimise energy consumption



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