

18.0 V CORDLESS HYDRAULIC CRIMPING TOOL

B 500

general features



Nominal Compression Force kN	Dimensions mm			Battery Li-Ion	Weight kg (with battery)
	length	height	width		
63	300	343	83	18.0 V 4.0 Ah	4,2



**18.0V
4.0Ah
LI-ION**



New

**NEW
18V Li-Ion
BATTERY**



MAIN APPLICATIONS - max section mm²

L.V. lugs and splices	Insulated terminals	End sleeves	"C" sleeve Connectors
300	120	120	70

STORAGE

Type	Dimensions mm	Weight kg	Supplied with the tool	Purchase separately
VALP38	520x432x126	2,6	*	—

The tool is supplied as:

- Basic tool with battery and shoulder strap
- Spare battery
- Battery charger
- USB cable
- Plastic carrying case suitable for storing the tool and 14 die sets

B 500-KV version also available for Power Supply Companies

New



The next generation of Cembre cordless hydraulic tools represents a significantly advantageous evolution from current models. Born of the renowned B51 type crimping tool, the 63 kN B500 is suitable for a wide range of connectors up to 240 sqmm using die sets common to the Cembre 50 kN tooling range. New Li-Ion 18 V 4 Ah batteries offer a higher capacity than 14.4 V 3 Ah, while greater crimping speed

and crimping force result from a revitalised hydraulic system with double speed action: a rapid approach of the dies to the connector then a slower, more powerful speed for crimping. A maximum pressure sensor and pressure relief valve assure greater precision and repeatability of the pressure cycle and double the provision for operator safety. The OLED display provides essential real time tool operating information

data including:

- Crimping pressure and force being generated, for confirmation of adherence to norms and best practice
- Battery power availability
- Tool identification, LED work light state, reset, no. of operational and service crimping cycles
- Tool service required to maintain optimum condition.

Designed with improved balance, B500 is easily manageable during the crimping process and, by the

use of bi-component plastics, has a shell with high resistance to wear and damage. Rubber grip inserts, low noise and minimal vibration aid operator comfort while additional convenience and safety are provided by LED lighting of the working area. Crimping cycle data (up to 200,000 events) is automatically stored on a memory card for transfer to PC by USB interface. Operating temperature: -15 to +50 °C

KIT B 500-1 KIT B 500-2 KIT B 500-MK

KIT B500-MK

Kit includes:

- B500 Cordless hydraulic tool
- VAL P38 plastic case with accessories

10 die sets:

- MK 8-50
- MK 10-50
- MK 12-50
- MK 14-50
- MK 16-50
- MK 18-50
- MK 20-50
- MK 22-50
- MK 25-50
- MK 28-50

Hexagonal crimp for low voltage terminals and through connectors from 16 to 240 mm² DIN 46235 family



New

KIT B500-1

Kit includes:

- B500 Cordless hydraulic tool
- VAL P38 plastic case with accessories

8 die sets:

- ME 5-50
- ME 7-50
- ME 10-50
- ME 14-50
- ME 19-50
- ME 24-50
- ME 30-50
- ME 37-50

Hexagonal crimp for low voltage terminals and through connectors from 25 to 185 mm² A-M family

KIT B500-2

Kit includes:

- B500 Cordless hydraulic tool
- VAL P38 plastic case with accessories

6 die sets:

Nest	Indentor	Indent crimp for low voltage general purpose terminals and through connectors from 25 to 120 mm ²
• MA 5-50	• PA 5-50	
• MA 7-50	• PA 10-50	
• MA 10-50	• PA 19-50	
• MA 14-50	• PA 24-50	
• MA 19-50		
• MA 24-50		

These tools are supplied without dies. For die selection, please refer to chart on pages 204 to 213