

B500NDE

18.0 V CORDLESS HYDRAULIC CRIMPING TOOL

general features



MAIN APPLICATIONS - max section sqmm

Section sqmm	0.25-1.5	1.5-2.5	4-6	10	16	25	35	50	70	95	120	150	185	240	300	400	500	600	800	1000	
L.V. lugs and splices																					
Insulated terminals																					
End sleeves																					
"C" sleeve Connectors																					
H.V. lugs and splices																					

These tools are supplied without dies. For die selection, please refer to chart on pages 210 to 224



TECHNICAL FEATURES

Crimping force kN	60
Dimensions mm	
Length	396
Height	135
Width	81
Battery	18.0V 2.0Ah
Weight kg (with Battery)	3,15

The tool is supplied as:

- Basic tool with battery and wrist strap
- Spare battery
- Battery charger
- USB cable
- Plastic carrying case suitable for storing the tool and accessories

STORAGE

Type	VAL-P22
Dimensions mm L x W x H	465 x 315 x 116
Weight kg	1,5
Supplied with the tool	✓
Purchase separately	-



B500NDE is the first of a new generation of hand-held cordless tools, characterised by a "Bilinear" mechanical design.

Equipped with a Smart Release system which automatically retracts the ram at the end of the operating cycle. B500NDE is suitable for crimping electrical connectors onto conductor cross sections up to 300 mm² and uses the die sets common to all Cembre 50kN tools and heads.

Equipped with Li-Ion 18V - 2Ah rechargeable high capacity batteries. 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 Electronic Pressure Sensor (EPS) guarantees the precision of the crimping operation, checking the actual value of pressure and informing the operator about possible errors.

- The OLED display provides essential real time operating data, including:
- generated crimping force thus verifying accordance with best practice
 - battery charge status

- general operating information
- the number of work cycles completed and remaining before recommended maintenance.

Weight and balance have been reconfigured to yield improvements 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 enhance the tool's practicality.

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 cable. (SMARTOOL technology).



"Bilinear" mechanical design



4 LED lighting of the working area



Manual pressure release button



OLED multifunctional display with touch button



Battery connection system with release button



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