



general features

Rated Crimping Force tons	Dimensions in.			Battery Li-Ion	Weight lbs. (with battery)
	length	height	width		
7.1	11.8	13.5	3.3	18 V 4.0 Ah	9.2

B 500A

MAIN APPLICATIONS - max size AWG			
Copper lugs and splices	Insulated terminals	End sleeves	"C" sleeve Connectors
600 MCM	250 MCM	250 MCM	2/0

STORAGE				
Type	Dimensions in.	Weight lbs.	Supplied with the tool	Purchase separately
VALP38	20.5x17x5.0	5.7	✳	—



- The tool is supplied as:**
- Basic tool with battery and shoulder strap
 - Spare battery
 - AC charger (110-115V)
 - USB cable
 - Plastic carrying case suitable for storing the tool and 14 die sets

The next generation of Cembre cordless hydraulic tools represents a significantly advantageous evolution from current models.

Born of the renowned B51A type crimping tool, the 7.1 tons B500A is suitable for a wide range of connectors up to 500 MCM using die sets common to the Cembre 6 tons tooling range. New Li-Ion 18V 4Ah 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.

- Die sets also available for:
- Insulated ring terminals
 - Insulated spade terminals
 - Insulated ferrules
 - "C" Sleeve connectors
- For additional information, please contact 877-650-5160.

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, B500A 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: +5 to +122°F



DIE SELECTOR CHART			
Conductor Size (AWG)	Connector Type (A-M)	Die Set	Crimp Shape
300 MCM FS	A35	ME35-50	Hex
300-350 MCM	A37	ME37-50	Hex
350 MCM FS	A40	ME40-50	Hex
350-500 MCM	A48	ME48-50	Hex
500-600 MCM	A60	ME60-50	Hex



LED lighting of the working area



Anatomically shaped grip for improved comfort



Multifunction OLED display with touch button



Slot-in battery with release button