

18.0 V - 5.2 AH CORDLESS TOOL FEATURES

general features

- 1 Head rotates through 180°
- 2 Switch protected against accidental operation
- 3 Pressure release button
- 4 Slot-in battery with release button
- 5 LED lighting of the working area
- 6 Motor ventilation
- 7 Bi-component body for increased impact resistance
- 8 Multifunction OLED display with touch button
- 9 Improved balance for better handling
- 10 Anatomically shaped grip for greater comfort
- 11 18.0 V - 5.2 Ah Li-Ion high power batteries
- 12 SMARTOOL technology for viewing and downloading operational data

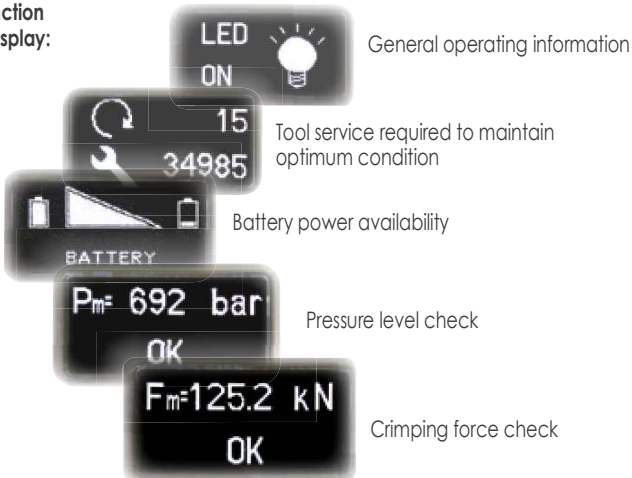


SUPPLIED WITH

- 1 CB1852L, 18.0 V - 5.2 Ah Li-Ion high power battery (2 pcs.)
 - 2 ASC30-36-UK Battery charger (INPUT 220-240 V / 50-60 Hz; OUTPUT 12-42 V DC / 3.0 A max.)
 - 3 USB cable
 - 4 Shoulder strap
- Plastic or Metal carrying case



Multifunction OLED display:



18.0 V - 2.0 AH CORDLESS TOOL FEATURES

general features

- 1 Bilinear mechanical design
- 2 Smart Release system to automatically retract the ram at the end of the crimping cycle
- 3 OLED multifunctional display with touch button
- 4 Electronic Pressure Sensor (EPS)
- 5 SMARTOOL technology for viewing and downloading operational data
- 6 Illumination of working area via 4 x LED lights
- 7 Bi-component plastic body
- 8 Head rotates for ease of operation in confined spaces
- 9 Switch protected against accidental operation
- 10 Pressure release button
- 11 Slot-in battery with release button
- 12 Battery condition displayed to show the residual battery power
- 13 Motor ventilation
- 14 The tools are fitted with a maximum pressure valve to indicate a correct crimping operation or the full extent of the ram travel
- 15 Can be operated with one hand
- 16 Extremely quiet in operation with very little vibration
- 17 Anatomically shaped grip for greater comfort
- 18 18.0 V - 2.0 Ah Li-Ion high power batteries



New Range *nd*



B15MD



SUPPLIED WITH

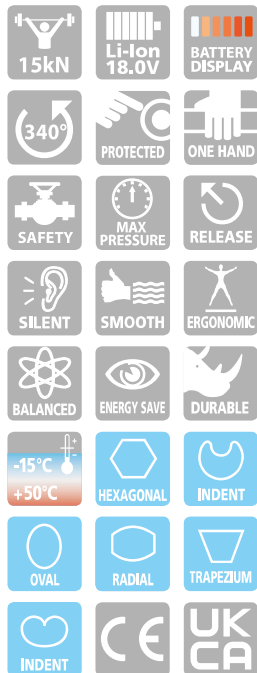
- 1 CB1820L, 18.0 V - 2.0 Ah Li-Ion high power battery (2 pcs.)
 - 2 ASC30-36-UK Battery charger (INPUT 220-240 V / 50-60 Hz; OUTPUT 12-42 V DC / 3.0 A max.)
 - 3 USB cable (not for B15MD)
- Wrist strap
 - Plastic carrying case



B15MDE

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	630	800	1000	
Copper lugs and splices																					
Insulated terminals																					
End sleeves																					

These tools are supplied without dies. For die selection, please refer to chart on pages 246 to 262



TECHNICAL FEATURES

Crimping force kN	15
Dimensions mm	
Length	337
Height	133
Width	81
Battery	18.0V 2.0Ah
Weight kg (with Battery)	1,74

STORAGE

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



Can be operated with one hand. Balanced for greater control. Head rotates by 340° for ease of operation in confined spaces. The tool is fitted with a maximum pressure valve. Extremely quiet, minimal vibration. Durable moulded body offering high resistance to wear and damage in all operating conditions. Equipped with Li-Ion 18.0V - 2.0Ah rechargeable high capacity batteries.

The battery is equipped with LED indicators to show the remaining battery life at any time by pressing the adjacent button.

Supplied in a robust plastic case to accommodate the tool and all the accessories.

Two batteries and charger included.

Many different interchangeable crimping dies available.

Operating temperature: -15 to +50 °C

The tool is supplied as:

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

Many different interchangeable crimping dies available

Conductor Size sqmm (AWG)	Connector Type	Die Set
0,25 ÷ 16	22 ÷ 6 A...; L...-M; L...-P; S...; RN...; BN...; GN...	MA03/3-15
1,5 ÷ 10	16 ÷ 8 A...; L...-M; L...-P	ME03/2-15
10 ÷ 16	8 ÷ 6 A...; 2A...; L...-M; L...-P	ME2/3-15
4 ÷ 10	12 ÷ 8 T... (NF C 20130 style); L...-T	MS4/10-15
10 ÷ 16	8 ÷ 6 T... (NF C 20130 style); L...-T	MS10/16-15
10 ÷ 16	8 ÷ 6 HR...; HSV...	MH10/16-15
6 ÷ 16	10 ÷ 6 DR... (DIN 46235 style); DSV... (DIN 46267 T1 style)	MK5/8-15
10 ÷ 16	8 ÷ 6 ANE...; AN...; IN...; EN...	NN4-15
0,25 ÷ 6	22 ÷ 10 R...; B...; G...; PL...; NL...	RBG-15
0,25 ÷ 6	22 ÷ 10 R...; B...; G... (not suffix P, RF/BF-BF)	RBY-15 with positioner
0,3 ÷ 4	22 ÷ 12 PKE; PKC; PKD; PKT; KE	KE4-15
4 ÷ 16	12 ÷ 6 PKE; PKC; PKD; PKT; KE	KE16-15
16 ÷ 35	6 ÷ 2 PKE; PKC; PKD; PKT; KE	KE35-15
2,5 - 4 - 6	14 - 12 - 10 CS4 (for photovoltaic systems)	MCS4-15

18.0 V CORDLESS HYDRAULIC CRIMPING TOOL

B450ND-BVE

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	630	800	1000	
L.V. lugs and splices																					
"C" sleeve Connectors																					

These tools are supplied without dies. For die selection, please refer to chart on pages 246 to 262

TECHNICAL FEATURES

Crimping force kN	50
Dimensions mm	
Length	364
Height	136
Width	81
Battery	18.0V/2.0Ah
Weight kg (with Battery)	2,6

STORAGE

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



The tool is supplied as:

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



B450ND-BVE is a new generation of hand-held cordless tools, characterised by a "Bilinear" mechanical design. B450ND-BV is suitable for crimping electrical connectors onto conductor cross sections up to 150 mm² and uses the die sets common to all Cembre 45 kN tools and heads.

Equipped with Li-Ion 18.0V - 2.0Ah rechargeable high capacity batteries. The battery is equipped with LED indicators to show the remaining battery life at any time by pressing the adjacent button.

Weight and balance have been reconfigured to yield improvements in handling and convenience. Quieter operation, illumination of the working area via LED lights and a minimum of vibration enhance the tool's practicality.

It is also a feature that the operating data is stored on a memory card for transfer to PC by USB interface (SMARTOOL technology).

Wide-opening head, ideal for derivations from running conductors



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	200	240	300	400	500	630	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 246 to 262



TECHNICAL FEATURES

Crimping force kN	60
Dimensions mm	
Length	396
Height	136
Width	81
Battery	18.0V 2.0Ah
Weight kg (with Battery)	3,15

STORAGE

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



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

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.

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.

KIT-B500NDE-1

B500NDE COMPRESSION KIT

general features

The kit includes B500NDE cordless hydraulic crimping tool (60 kN) complete with 8 die sets (from 25 to 185 mm²) and a practical and sturdy carrying case for the tool and its accessories.

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



NEW

KIT-B500NDE-1

Kit includes:

- B500NDE cordless hydraulic tool
- VALP22 plastic carrying case with accessories

8 die sets:

- ME5-50
- ME7-50
- ME10-50
- ME14-50
- ME19-50
- ME24-50
- ME30-50
- ME37-50

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

18.0 V CORDLESS HYDRAULIC CRIMPING TOOL

B500E

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	200	240	300	400	500	630	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 246 to 262

TECHNICAL FEATURES

Crimping force kN	63
Dimensions mm	
Length	300
Height	343
Width	83
Battery	18.0V 5.2Ah
Weight kg (with Battery)	4.2

STORAGE

Type	VAL-P38
Dimensions mm L x W x H	520 x 432 x 126
Weight kg	2.6
Supplied with the tool	✓



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



B500E-KV version also available for Power Supply Companies



The 63 kN B500E is suitable for a wide range of connectors up to 300 sqmm using die sets common to the Cembre 50 kN tooling range. Equipped with Li-Ion 18.0V - 5.2Ah rechargeable high capacity batteries.

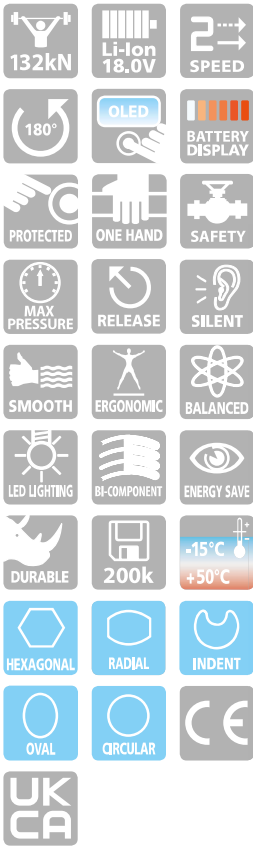
The OLED display provides essential real time operating data, including:

- 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.

B550E

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	200	240	300	400	500	630	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 246 to 262



TECHNICAL FEATURES

Crimping force kN	57.7
Dimensions mm	
Length	359
Height	358
Width	83
Battery	18.0V 5.2Ah
Weight kg (with Battery)	5.3

STORAGE

Type	VAL-P40
Dimensions mm L x W x H	520 x 432 x 126
Weight kg	2.6
Supplied with the tool	✓
Purchase separately	-



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

The B550E, with adapter AU55-50, will accept all Cembre 50 kN dies; with adapter AU55-W it will accept "W" dies.

Equipped with Li-Ion 18.0V - 5.2Ah rechargeable high capacity batteries.

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.

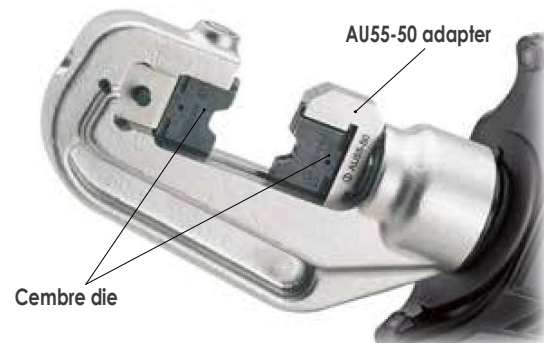
The tool is supplied as:

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



B550E-KV version also available for Power Supply Companies

With adapter AU55-50 for accepting Cembre dies.



With adapter AU55-W for accepting "W" dies.



18.0 V CORDLESS HYDRAULIC CRIMPING TOOL

B1350-CE

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	200	240	300	400	500	630	800	1000	
L.V. lugs and splices																						
Insulated terminals																						
"C" sleeve Connectors																						
H.V. lugs																						
H.V. Splices*																						

*limited to the cable insulation diameter

These tools are supplied without dies. For die selection, please refer to chart on pages 246 to 262

TECHNICAL FEATURES

Crimping force kN	132
Dimensions mm	
Length	338
Height	344
Width	83
Jaw Opening mm	25
Battery	18.0V 5.2Ah
Weight kg (with Battery)	6.5

STORAGE

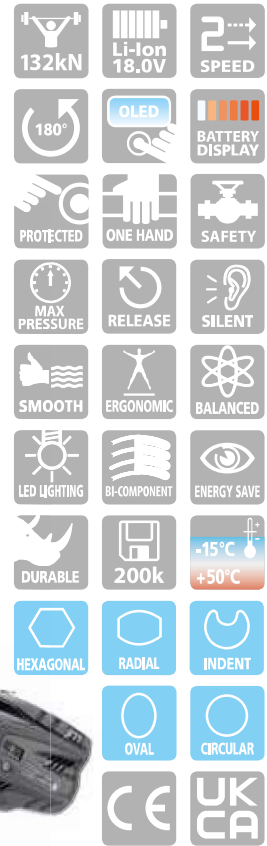
Type	VAL-P39
Dimensions mm L x W x H	520 x 432 x 126
Weight kg	2.6
Supplied with the tool	✓



- 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 8 die sets



B1350-CE-KV version also available for Power Supply Companies



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	200	240	300	400	500	630	800	1000	
L.V. lugs and splices																						
Insulated terminals																						
"C" sleeve Connectors																						
H.V. lugs and splices																						

These tools are supplied without dies. For die selection, please refer to chart on pages 246 to 262

TECHNICAL FEATURES

Crimping force kN	132
Dimensions mm	
Length	395
Height	372
Width	83
Jaw Opening mm	42
Battery	18.0V 5.2Ah
Weight kg (with Battery)	8.1

STORAGE

Type	VAL-P39
Dimensions mm L x W x H	520 x 432 x 126
Weight kg	2.6
Supplied with the tool	✓



- 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 8 die sets



B1350L-CE-KV version also available for Power Supply Companies

B1350L-CE

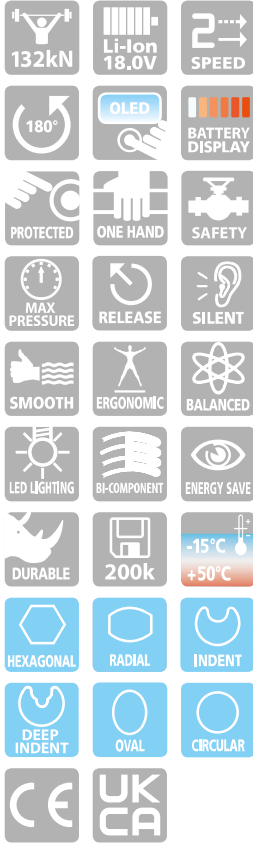
same characteristics as B1350-CE except: B1350L-CE version, featuring a large 42 mm jaw opening, for an easier introduction/removal of large size compression terminations and joints.



B1350-UCE

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	200	240	300	400	500	630	800	1000	
L.V. lugs and splices																						
Insulated terminals																						
"C" sleeve Connectors																						
Alu lugs and splices																						
H.V. lugs and splices																						

These tools are supplied without dies. For die selection, please refer to chart on pages 246 to 262



TECHNICAL FEATURES

Crimping force kN	132
Dimensions mm	
Length	351
Height	369
Width	83
Battery	18.0V 5.2Ah
Weight kg (with Battery)	6,3

STORAGE

Type	VAL-P39
Dimensions mm L x W x H	520 x 432 x 126
Weight kg	2,6
Supplied with the tool	✓



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 8 die sets

STORAGE

Type	VAL-130*
Dimensions mm L x W x H	360 x 280 x 48
Weight kg	3,0
Purchase separately	✓

*Suitable for the storage of accessories for crimping Aluminium connectors



VAL-130

B1350-UCE will accept the accessories for performing the "Deep Stepped Indent" system of crimping on Aluminium cables.

The B1350-UCE will accept all semi-circular slotted dies, common to most 12 tons tools (U dies). Equipped with Li-Ion 18.0V - 5.2Ah rechargeable high capacity batteries.

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.

18.0 V CORDLESS HYDRAULIC CRIMPING TOOL

B1300-CE

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	200	240	300	400	500	630	800	1000	
L.V. lugs and splices																						
Insulated terminals																						
"C" sleeve Connectors																						
H.V. lugs																						
H.V. Splices*																						

*limited to the cable insulation diameter

These tools are supplied without dies. For die selection, please refer to chart on pages 246 to 262

TECHNICAL FEATURES

Crimping force kN	132
Dimensions mm	
Length	406
Height	239
Width	102,5
Jaw Opening mm	25
Battery	18.0V 5.2Ah
Weight kg (with Battery)	6,8

STORAGE

Type	VAL-P44
Dimensions mm L x W x H	680 x 473 x 151
Weight kg	3,7
Supplied with the tool	✓



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 12 die sets

B1300-CE is suitable for a wide range of connectors up to 400 sqmm using die sets common to the Cembre 130 kN tooling range. Equipped with Li-Ion 18.0V - 5.2Ah rechargeable high capacity batteries.

B1300-CE-KV version also available for Power Supply Companies



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.

B1300-CE COMPRESSION KIT

general features

KIT-B1300CE-1

Kit includes:

- B1300-CE cordless hydraulic tool
- VAL-P44 plastic carrying case with accessories

9 die sets:

ME5-C
ME7-C
ME10-C
ME14-C
ME19-C
ME24-C
ME30-C
ME37-C
ME48-C

Hexagonal crimp for low voltage terminals and through connectors from 25 to 240 mm² A-M family



NEW

KIT-B1300CE-1

The kit includes B1300-CE cordless hydraulic crimping tool (130 kN) complete with 9 die sets hexagonal crimp (from 25 to 240 mm²) and a practical and sturdy carrying case for the tool and its accessories.

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 12 die sets

B1300L-CE

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	200	240	300	400	500	630	800	1000	
L.V. lugs and splices																						
Insulated terminals																						
"C" sleeve Connectors																						
H.V. lugs and splices																						

These tools are supplied without dies. For die selection, please refer to chart on pages 246 to 262



TECHNICAL FEATURES

Crimping force kN	132
Dimensions mm	
Length	471
Height	239
Width	102,5
Jaw Opening mm	42
Battery	18.0V/5.2Ah
Weight kg (with Battery)	8,0

STORAGE

Type	VAL-P44
Dimensions mm L x W x H	680 x 473 x 151
Weight kg	3,7
Supplied with the tool	✓

The B1300L-CE version, featuring a large 42 mm jaw opening, for an easier introduction/removal of large size compression terminations and joints.

B1300L-CE is suitable for a wide range of connectors up to 400 sqmm using die sets common to the Cembre 130 kN tooling range. Equipped with Li-Ion 18.0V - 5.2Ah rechargeable high capacity batteries.

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.



B1300L-C-KV version also available for Power Supply Companies



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 12 die sets

18.0 V CORDLESS HYDRAULIC CRIMPING TOOL

B1300-UCE

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	200	240	300	400	500	630	800	1000	
L.V. lugs and splices																						
Insulated terminals																						
"C" sleeve Connectors																						
Alu lugs and splices																						
H.V. lugs and splices																						

These tools are supplied without dies. For die selection, please refer to chart on pages 246 to 262



TECHNICAL FEATURES

Crimping force kN	132
Dimensions mm	
Length	423
Height	239
Width	102,5
Battery	18.0V 5.2Ah
Weight kg (with Battery)	6,5

STORAGE

Type	VAL-P44
Dimensions mm L x W x H	680 x 473 x 151
Weight kg	3,7
Supplied with the tool	✓



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 12 die sets

STORAGE

Type	VAL-130*
Dimensions mm L x W x H	360 x 280 x 48
Weight kg	3,0
Purchase separately	✓

*Suitable for the storage of accessories for crimping Aluminium connectors



B1300-UCE will accept the accessories for performing the "Deep Stepped Indent" system of crimping on Aluminium cables.

The B1300-UCE will accept all semi-circular slotted dies, common to most 12 tons tools (U dies). Equipped with Li-Ion 18.0V - 5.2Ah rechargeable high capacity batteries.

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.