

HT45-E

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	
L.V. lugs and splices																					
"C" sleeve Connectors																					
H.V. lugs and splices																					

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244

TECHNICAL FEATURES

Crimping force kN	50
Dimensions mm	
Length	346
Width	130
Weight kg	2,0

STORAGE

Type	VAL-P1*
Dimensions mm L x W x H	445 x 290 x 95
Weight kg	1,2
Supplied with the tool	✓
Purchase separately	-

*Suitable for storage of the tool and 20 sets of dies



Lightweight and compact, this tool is ideal for the compression of connectors for general applications.

Having the benefit of spring loaded handles, the dies can be advanced using only one hand; therefore leaving the other hand free to position the connector.

For ease of operation and comfort of the operator, the tool head can be fully rotated through 180 degrees.

The built-in safety valve will by-pass the oil supply when the maximum pressure is reached, and a pressure releasing system can easily be operated at any stage of the compression.



The operator can advance the dies using only one hand, leaving the other hand free to position the connector.

Openable head, ideal for derivations from running conductors

180° rotatable head, to work in the most comfortable position

Safety valve bypassing the oil supply when the maximum pressure is reached

Pressure releasing system, that can be operated at any stage



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																						

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244



STORAGE

Type	VAL-P1*
Dimensions mm L x W x H	445 x 290 x 95
Weight kg	1,2
Supplied with the tool	✓
Purchase separately	-

* Suitable for storage of the tool and 20 sets of dies

TECHNICAL FEATURES

Crimping force kN	50
Dimensions mm	
Length	380
Width	130
Weight kg	2,7

For ease of operation and comfort of the operator, the tool head can be fully rotated through 180 degrees. The built-in safety valve will by-pass the oil supply when the maximum pressure is reached, and a pressure release system can easily be operated at any stage of the compression.

New design two speed hydraulic tool, lightweight and compact, this tool is ideal for working in confined spaces.

Having the benefit of spring loaded handles, the dies can be advanced using only one hand; therefore leaving the other hand free to position the connector.

HT51-KV version also available for Power Supply Companies



HT51 COMPRESSION KIT

general features

KIT-HT51-1

Kit includes:

HT51 Hydraulic tool	
VAL-P1 plastic carrying case	
8 die sets:	
ME5-50	Hexagonal crimp for low voltage terminals and through connectors from 25 to 185 mm ² A-M family
ME7-50	
ME10-50	
ME14-50	
ME19-50	
ME24-50	
ME30-50	
ME37-50	

KIT-HT51-2

Kit includes:

HT51 Hydraulic tool		
VAL-P1 plastic carrying case		
6 die sets:		
Nest	Indent	Indent crimp for low voltage general purpose terminals and through connectors from 25 to 120 mm ²
MA5-50	PA5-50	
MA7-50	PA10-50	
MA10-50	PA19-50	
MA14-50	PA19-50	
MA19-50	PA24-50	

KIT-HT51-MK

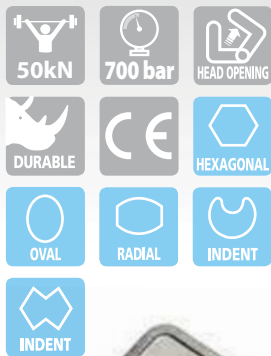
Kit includes:

HT51 Hydraulic tool	
VAL-P1 plastic carrying case	
10 die sets:	
MK8-50	Hexagonal crimp for low voltage terminals and through connectors from 16 to 240 mm ² DIN 46235 family
MK10-50	
MK14-50	
MK16-50	
MK18-50	
MK20-50	
MK22-50	
MK25-50	
MK28-50	

KIT-HT51-1 KIT-HT51-2 KIT-HT51-MK



RH50



Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 202-208). RH50 is suitable for installing the same range of connectors as HT51.

HYDRAULIC PRESSHEAD

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																						

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244

TECHNICAL FEATURES

Crimping force kN	50
Max operating pressure bar	700
Dimensions mm	
Length	195
Width	75
Weight kg	1,6

STORAGE

Type	VAL-P1*
Dimensions mm L x W x H	445 x 290 x 95
Weight kg	1,2
Supplied with the tool	✓
Purchase separately	-

* Suitable for storage of the head and 20 sets of dies



STORAGE

Type	CVB-007
Dimensions mm L x W	350 x 105
Weight kg	0,13
Supplied with the tool	-
Purchase separately	✓



RHM50



Hydraulic presshead complete with quick automatic coupler for connection to hydraulic pump with working pressure of 700 bar max, (see page 202-208). RHM50 is suitable for installing the same range of connectors as RH50.

HYDRAULIC PRESSHEAD

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																						

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244

TECHNICAL FEATURES

Crimping force kN	50
Max operating pressure bar	700
Dimensions mm	
Length	195
Width	75
Weight kg	1,6

STORAGE

Type	VAL-P1*
Dimensions mm L x W x H	445 x 290 x 95
Weight kg	1,2
Supplied with the tool	✓
Purchase separately	-

* Suitable for storage of the head and 20 sets of dies



STORAGE

Type	CVB-007
Dimensions mm L x W	350 x 105
Weight kg	0,13
Supplied with the tool	-
Purchase separately	✓



HYDRAULIC CRIMPING TOOL

HT81-U

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	100	120	150	185	200	240	300	400	500	630	800	1000	
L.V. lugs and splices																							
"C" sleeve Connectors																							
H.V. lugs and splices																							

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244

STORAGE

Type	VAL-P3*
Dimensions mm L x W x H	620 x 380 x 135
Weight kg	2,5
Supplied with the tool	✓
Purchase separately	-

* Suitable for storage of the tool and three VAL-75

STORAGE

Type	VAL-75*
Dimensions mm L x W x H	270 x 80 x 30
Weight kg	0,15
Supplied with the tool	-
Purchase separately	✓

* Suitable for storing five sets of dies



TECHNICAL FEATURES

Crimping force kN	80
Dimensions mm	
Length	485
Width	141
Weight kg	3,4

This lightweight and self contained tool, features a patented closure and release mechanism for the die locking pin.

A wide range of connectors can be crimped with a small number of die sets due to their unique, double groove styling.

Dies for cutting Copper, Aluminum, Aldrey and Aluminum-steel, are also available (see table below).

The tool features a double speed action: a fast advancing speed for rapid approach of the

dies to the connector and a slower more powerful speed for crimping. For ease of operation and comfort of the operator the tool head can be fully rotated through 180 degrees. The built-in safety valve will by-pass the oil supply when the maximum pressure is reached, and a pressure releasing system can easily be operated at any stage of the compression.



HYDRAULIC PRESSHEAD

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	100	120	150	185	200	240	300	400	500	630	800	1000	
L.V. lugs and splices																							
"C" sleeve Connectors																							
H.V. lugs and splices																							

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244

TECHNICAL FEATURES

Crimping force kN	80
Max operating pressure bar	700
Dimensions mm	
Length	235
Width	91
Weight kg	1,9

STORAGE

Type	CVB-007
Dimensions mm L x W	350 x 105
Weight kg	0,13
Supplied with the tool	✓
Purchase separately	-

HT 81-U and RHU 81 ACCESSORIES FOR CUTTING CONDUCTORS

Die Type	Cutting Capacity	Conductor Type
	Ø 16 mm	Cu, Alu, Aldrey and Alu-Steel
MB2-80U	This die is suitable to cut steel conductors (R ≤ 160 daN/mm ²) having the most common strandings, i.e.: 19 x 1,2 = Ø est. 6,0 mm 7 x 3,0 = Ø est. 9,0 mm 19 x 2,1 = Ø est. 10,5 mm 19 x 2,3 = Ø est. 11,5 mm	
MB3-80U	Suitable to cut aluminium strands of 150 mm ² aluminium-steel conductors, without damage to the steel core.	

RHU81



Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 202-208).

This lightweight and self contained head, features a patented closure and release mechanism for the die locking pin.

The head is easy to use and is ideally suited for crimping in confined spaces. RHU81 is suitable for installing the same range of connectors as HT 81-U.



HT120

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																						
H.V. Splices*																						

*limited to the cable insulation diameter

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244

TECHNICAL FEATURES

Crimping force kN	120
Dimensions mm	
Length	488
Width	138
Weight kg	5,7

STORAGE

Type	VAL-P3*
Dimensions mm L x W x H	620 x 380 x 135
Weight kg	2,5
Supplied with the tool	✓
Purchase separately	-

*Suitable for storage of the tool and 14 sets of dies

This lightweight and self contained tool will accept the semi-circular slotted dies, common to most 130 kN tools.

It is particularly suitable for installing crimp type electrical connectors for overhead line applications.

The tool features a double speed action: a fast advancing speed for rapid approach of the dies to the connector and a slower more powerful speed for crimping.

For ease of operation and comfort of the operator the tool head can be fully rotated through 180 degrees.

The built-in safety valve will by-pass the oil supply when the maximum pressure is reached, and a pressure release system can easily be operated at any stage of the compression.



Die release system, protected from accidental operation



Pressure release trigger, which can be operated at any stage of the compression.



HT 120-KV version also available for Power Supply Companies

HT 120 features a double speed action: a fast advancing speed for rapid approach of the dies to the connector and a slower more powerful speed for crimping.



HYDRAULIC CRIMPING TOOL

HT131-C

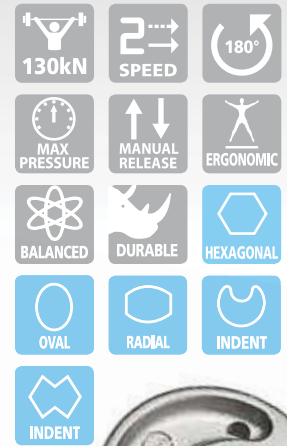
general features

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 230 to 244



STORAGE

Type	VAL-P3*
Dimensions mm L x W x H	620 x 380 x 135
Weight kg	2,5
Supplied with the tool	✓
Purchase separately	-

*Suitable for storage of the tool and 14 sets of dies

TECHNICAL FEATURES

Crimping force kN	130
Dimensions mm	
Length	473
Width	144
Jaw opening	25
Weight kg	5,5

For ease of operation and comfort of the operator the tool head can be fully rotated through 180 degrees. The built-in safety valve will by-pass the oil supply when the maximum pressure is reached, and the pressure release system can easily be operated at any stage of compression.

This new model, self contained, robust and sturdy, will accept all semi-circular slotted dies, common to most 130 kN tools. The tool features a double speed action: a fast advancing speed for rapid approach of the dies to the connector and a slower more powerful speed for crimping.



HT131-C COMPRESSION KIT

general features

KIT-HT131-C-1

Kit includes:

HT131-C Hydraulic tool	
VAL-P3 plastic carrying case	
7 die sets:	
ME10-C	Hexagonal crimp for low voltage terminals and through connectors from 50 to 240 mm ² A-M family
ME14-C	
ME19-C	
ME24-C	
ME30-C	
ME37-C	
ME48-C	

KIT-HT131-C-2

Kit includes:

HT131-C Hydraulic tool		
VAL-P3 plastic carrying case		
11 die sets:		
Nest	Indent	Indent crimp for low voltage general purpose terminals and through connectors from 10 to 240 mm ²
MA2-C		
MA3-C		
MA5-C	PA10-C	
MA7-C		
MA10-C		
MA14-C		
MA19-C	PA24-C	
MA24-C		
MA30-C		
MA37-C	PA48-C	
MA48-C		

KIT-131-C-MK

Kit includes:

HT131-C Hydraulic tool	
VAL-P3 plastic carrying case	
11 die sets:	
MK6-C	Hexagonal crimp for low voltage terminals and through connectors from 10 to 240 mm ² DIN 46235 family
MK8-C	
MK10-C	
MK12-C	
MK14-C	
MK16-C	
MK18-C	
MK20-C	
MK22-C	
MK25-C	
MK28-C	

KIT-HT131-C-1 KIT-HT131-C-2 KIT-HT131-C-MK



RHC131



Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 202-208). This new design with improved mechanical features, is suitable for installing the same range of connectors as HT 131-C.

HYDRAULIC PRESSHEAD

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 230 to 244

TECHNICAL FEATURES

Crimping force kN	130
Max operating pressure bar	700
Dimensions mm	
Length	232
Width	124
Jaw opening	25
Weight kg	3,8

STORAGE

Type	VAL-P26*
Dimensions mm L x W x H	445 x 290 x 115
Weight kg	1,2
Supplied with the tool	-
Purchase separately	✓

*Suitable for storage of the head and 14 sets of dies



RHM132



Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 202-208).

HYDRAULIC PRESSHEAD

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																						
Insulated terminals																						
H.V. lugs																						

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244

TECHNICAL FEATURES

Crimping force kN	130
Max operating pressure bar	700
Dimensions mm	
Length	216
Width	80
Weight kg	3,1

STORAGE

Type	VAL-P26*
Dimensions mm L x W x H	445 x 290 x 115
Weight kg	1,2
Supplied with the tool	-
Purchase separately	✓

*Suitable for storage of the head and 14 sets of dies



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 230 to 244

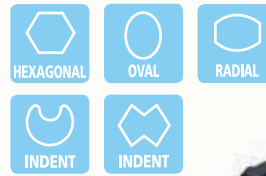
STORAGE

Type	VAL-P3*
Dimensions mm L x W x H	620 x 380 x 135
Weight kg	2,5
Supplied with the tool	✓
Purchase separately	-

*Suitable for storage of the tool and 14 sets of dies

TECHNICAL FEATURES

Crimping force kN	130
Dimensions mm	
Length	538
Width	144
Jaw opening	42
Weight kg	7,0



Hydraulic "C" head tool with a large 42 mm jaw opening, for easier introduction/removal of large size compression terminations and joints. The HT131LN-C will accept all semi-circular slotted dies, common to most 130 kN tools.



The tool features a double speed action: a fast advancing speed for rapid approach of the dies to the connector and a slower more powerful speed for crimping.

For ease of operation and comfort of the operator the tool head can be fully rotated through 180 degrees.

The built-in safety valve will by-pass the oil supply when the maximum pressure is reached, and the pressure release system can easily be operated at any stage of compression.



HYDRAULIC PRESSHEAD

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 230 to 244

STORAGE

Type	VAL-P26*
Dimensions mm L x W x H	445 x 290 x 115
Weight kg	1,2
Supplied with the tool	-
Purchase separately	✓

*Suitable for storage of the head and 14 sets of dies

TECHNICAL FEATURES

Crimping force kN	130
Max operating pressure bar	700
Dimensions mm	
Length	298
Width	122
Jaw opening	42
Weight kg	5,4

Hydraulic head featuring a large 42 mm jaw opening; complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 202-208).

Is suitable for installing the same range of connectors as HT 131LN-C.

RHC131LN



HT131-UC

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																						
Alu lugs and splices																						

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244



TECHNICAL FEATURES

Crimping force kN	130
Dimensions mm	
Length	488
Width	149
Weight kg	5,4

STORAGE

Type	VAL-P3*
Dimensions mm L x W x H	620 x 380 x 135
Weight kg	2,5
Supplied with the tool	✓
Purchase separately	-

*Suitable for storage of the tool and 14 sets of dies



STORAGE

Type	VAL-130*
Purchase separately	✓

*Suitable for the storage of accessories for crimping Aluminium connectors

This robust and self contained tool will accept the accessories for performing the "Deep Stepped Indent" system of crimping on Aluminium cables. This tool will also accept the semi-circular slotted dies, common to most 130 kN tools. HT 131-UC performance features are the same as those of HT 131-C.

RHU131-C

HYDRAULIC PRESSHEAD

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																						
Alu lugs and splices																						

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244



TECHNICAL FEATURES

Crimping force kN	130
Max operating pressure bar	700
Dimensions mm	
Length	245
Width	89
Weight kg	3,7

STORAGE

Type	VAL-P26*
Dimensions mm L x W x H	445 x 290 x 115
Weight kg	1,2
Purchase separately	✓

*Suitable for storage of the head and 14 sets of dies

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

STORAGE

Type	VAL-130-U*
Dimensions mm L x W x H	450 x 305 x 80
Weight kg	5,0
Purchase separately	✓

*Suitable for storage of the head, semi-circular slotted dies and dies for crimping Aluminium connectors

Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 202-208). RHU131-C is suitable for installing the same range of connectors as HT 131-UC.



HYDRAULIC PRESSHEAD

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 230 to 244

STORAGE

Type	VAL-ECW-H3D*
Dimensions mm L x W x H	345 x 205 x 90
Weight kg	4,2
Supplied with the tool	-
Purchase separately	✓

* Suitable for storage of the head and 10 sets of dies

TECHNICAL FEATURES

Crimping force kN	230
Max operating pressure bar	700
Dimensions mm	
Length	290
Width	120
Weight kg	5,5

Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 202-208).

Adaptor type AU230-130D is available as an optional extra enabling the head to utilise the semi-cir-

MATRICOLA
762510
ENEL



cular slotted dies which are common to most 130 kN tools. Also available is a series of dies for the compression of DIN electrical connectors, and a die for cutting Copper, Aluminium, aldrej, Aluminium-Steel and Steel conductors.

ECW-H3D ACCESSORIES FOR CUTTING CONDUCTORS

Die Type	Cutting Capacity	Conductor Type
	Ø 20 mm	Cu, Alu, Aldrej and Alu-Steel
	Ø 20 mm	Extra flexible Steel with ≥ 200 strands

WT2-3D

This die is suitable to cut Steel conductors (R ≤ 160 daN/mm²) having the most common strandings, i.e.:

19 x 1,2 = Ø est. 6,0 mm	7 x 3,0 = Ø est. 9,0 mm
19 x 2,1 = Ø est. 10,5 mm	19 x 2,3 = Ø est. 11,5 mm

HYDRAULIC PRESSHEAD

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	
Alu lugs and splices																						
Cu lugs and splices																						

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244

STORAGE

Type	VAL-231*
Dimensions mm L x W x H	470 x 273 x 96
Weight kg	7,2
Supplied with the tool	✓
Purchase separately	-

* Suitable for storage of the head and dies for Aluminium compression

TECHNICAL FEATURES

Crimping force kN	230
Max operating pressure bar	700
Dimensions mm	
Length	320
Width	110
Weight kg	6,4

Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 202-208).

For crimping up to 500 sqmm Aluminium.

Dies are available also for crimping Copper connectors.

RHU231



RHU230-630



Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 202-208). It allows for crimping up to 630 sqmm Aluminium (according to HN 68 590).

HYDRAULIC PRESSHEAD

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																						
Alu lugs and splices																						
"C" sleeve Connectors																						
H.V. lugs and splices																						

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244

Adapters AU 230-130-C/N, and AU 230-PS/E, are available as an optional extra enabling the head to utilise the semicircular slotted dies which are common to most 130 kN tools.

TECHNICAL FEATURES

Crimping force kN	230
Max operating pressure bar	700
Dimensions mm	
Length	365
Width	193
Weight kg	9,0

STORAGE

Type	VAL-230-630*
Dimensions mm L x W x H	405 x 230 x 145
Weight kg	3,5
Supplied with the tool	✓
Purchase separately	-

*Suitable for storage of the head



VAL-230-630

STORAGE

Type	VAL-MAT230-630*
Dimensions mm L x W x H	290 x 260 x 70
Weight kg	3,1
Purchase separately	✓

*Suitable for storage of the accessories

VAL-MAT230-630

RHU450



Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 202-208).

Adaptor type AU 450-130 D is available as an optional extra enabling the head to utilise the semi-circular slotted dies which are common to most 130 kN tools.

HYDRAULIC PRESSHEAD

general features

MAIN APPLICATIONS - Hexagonal crimp according to DIN 48083 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	680	800	1000	1200	
Cu																							
Al																							
Al/St																							

These tools are supplied without dies.

TECHNICAL FEATURES

Crimping force kN	450
Max operating pressure bar	700
Dimensions mm	
Length	260
Width	120
Weight kg	10,3

STORAGE

Type	VAL-450*
Dimensions mm L x W x H	285 x 212 x 124
Weight kg	2,8
Supplied with the tool	✓
Purchase separately	-

* Suitable for storage of the head



HYDRAULIC PRESSHEAD

RHU520

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	1200	
Lugs and splices																							
H.V. overhead lines																							

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244



STORAGE

Type	VAL-520*
Dimensions mm L x W x H	384 x 231 x 145
Weight kg	3,2
Supplied with the tool	-
Purchase separately	✓

*Suitable for storage of the head

TECHNICAL FEATURES

Crimping force kN	520
Max operating pressure bar	700
Dimensions mm	
Length	306
Width	200
Weight kg	18,0

STORAGE

Type	VAL-MAT 520*
Dimensions mm L x W x H	500 x 310 x 68
Weight kg	5,1
Supplied with the tool	-
Purchase separately	✓

*Suitable for storage of 10 sets of dies



Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 202-208).

Adaptor type AU520-130C is available as an optional extra enabling the head to utilise the semi-circular slotted dies which are common to most 130 kN tools.



VAL-520



VAL-MAT 520

RHU600

HYDRAULIC PRESSHEAD

general features



MAIN APPLICATIONS

- "U" Alcoa series die and "L" Burndy series die, etc.
- Aluminium and Copper max size 2156 MCM

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244



TECHNICAL FEATURES

Crimping force kN	600
Max operating pressure bar	700
Dimensions with support mm	
Length	447
Width	241
Weight with support	22,4

STORAGE

Type	VAL-600*
Dimensions mm L x W x H	480 x 235 x 260
Weight kg	8,6
Supplied with the tool	✓
Purchase separately	-

*Suitable for storage of the head



VAL-600

Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 202-208).

HYDRAULIC PRESSHEAD

RHU1000

general features

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244



STORAGE

Type	VAL-1000*
Dimensions mm L x W x H	334 x 244 x 435
Weight kg	12
Supplied with the tool	✓
Purchase separately	-

*Suitable for storage of the head

TECHNICAL FEATURES

Crimping force kN	1.100
Max operating pressure bar	700
Dimensions mm	
Length	414
Width	278
Weight kg	50,6

Operable from single or double acting hydraulic power source



VAL-1000



Lifting eye; screwed into the base of the cylinder, allows easy transportation of the head in aerial operation.

RHU 1000 is a 1.100 kN hydraulic presshead for full tension, transmission and substation connections, complete with quick automatic coupler for connection to hydraulic pumps with a working pressure of 700 bar max, (see page 202-208).

The standard version must be operated by a single acting pump; possibility to convert from single to double acting by substitution of the breather valve with a female quick coupling.

RHU1000 will accept all semi-circular slotted dies common to most 100 ton heads as the Alcoa ones.

The die cap is removable for an easy connector positioning; the upper part of the cap automatically rotates during the die changing process to present the correct positioning of the die. Lifting eye included.

Insertion of the upper die:



After substitution of the dies, insert the die cap into the head.



Pull the pin.



The upper part of the cap automatically rotates...



...to the correct position.

symbol description

cordless hydraulic tools



Ensures optimal use of energy available



Durable moulded body offering high resistance to wear and damage in all operating conditions



Crimping cycle data (up to 200,000 events) is automatically stored on a memory card for transfer to PC by USB interface



Operating temperature range between -15 and +50°C



Hexagonal crimp



Radial crimp



Indent crimp



"W" crimp



Oval crimp



Trapezium crimp



Circular crimp



Max operating pressure



Manual pressure release button



Fitted with an integral socket, for connection to a 12 V dc external power supply



Contains isolated oil



Hydraulic units provide protection against short circuit when accidentally cutting live L.V. / M.V. cables with nominal voltage up to 60 kV



CE marking



"Bilinear" Structure
Cembre bilinear tools have their mechanical centre of gravity nearest to the operator's wrist to optimise the overall ergonomics of the tool and provide a wider support for the hand



Smart Release Technology
Automatic retraction of the ram only occurs when the operator releases the start button, this allows visual verification of the die to ensure that they have fully met prior to releasing



Electronic Pressure Sensor
The EPS guarantees the precision of the crimping operation, checking the actual value of pressure and informing the operator of possible errors



Data recording and intelligent control allow complete verification of operational parameters. SMARTOOL technology enables the user to store data from up to 200,000 cycles on the integrated memory card for transfer to a computer via a USB cable

18.0 V - 4.0 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 - 4.0 Ah Li-Ion high power batteries
- 12 SMARTOOL technology for viewing and downloading operational data



SUPPLIED WITH

- 1 CB 1840L, 18.0 V - 4.0 Ah Li-Ion high power battery (2 pcs.)
 - 2 ASC 30-36 EU 27044000 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:



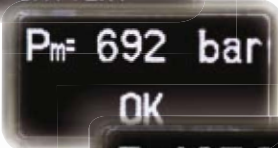
General operating information



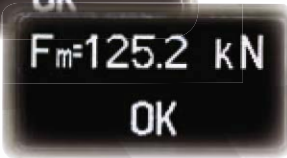
Tool service required to maintain optimum condition



Battery power availability



Pressure level check



Crimping force check



18.0 V - 2.0 Ah CORDLESS TOOL FEATURES

general features

- 1 Head rotates for ease of operation in confined spaces
- 2 Switch protected against accidental operation
- 3 Pressure release button
- 4 Slot-in battery with release button
- 5 Battery condition displayed to show the residual battery power
- 6 Motor ventilation
- 7 The tools are fitted with a maximum pressure valve to indicate a correct crimping operation or the full extent of the ram travel
- 8 Can be operated with one hand
- 9 Durable moulded body offering high resistance to wear and damage in all operating conditions
- 10 Extremely quiet in operation with very little vibration
- 11 Improved balance for better handling
- 12 Anatomically shaped grip for greater comfort
- 13 18.0 V - 2.0 Ah Li-Ion high power batteries



SUPPLIED WITH

- 1 CB 1820L, 18.0 V - 2.0 Ah Li-Ion high power battery (2 pcs.)
- 2 ASC30-36 EU 27044000 Battery charger
(INPUT 220-240 V / 50-60 Hz; OUTPUT 12-42 V DC / 3.0 A max.)
- 3 USB cable (only for B500ND and B450ND-BV)

- Wrist strap
- Plastic carrying case



New Range *nd* B500ND



New Functional Features:

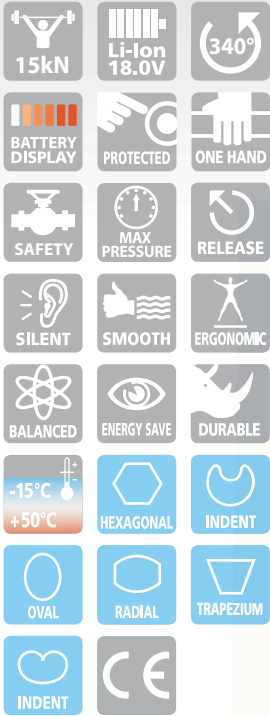
- Bilinear mechanical design
- Smart Release system to automatically retract the ram at the end of the crimping cycle
- OLED multifunctional display with touch button
- Electronic Pressure Sensor (EPS)
- SMARTOOL technology for viewing and downloading operational data
- Illumination of working area via 4 x LED lights
- Bi-component plastic body
- Ergonomic design for operator comfort



B15MD

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 230 to 244



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	✓
Purchase separately	-



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 (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... (not suffix P); PL...; NL...	RBG-15	☺
0,25 ÷ 6	22 ÷ 10	R...; B...; G... (not suffix P, RF/BF-BF)	RBV-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	☺

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. New Li-Ion 18.0V 2.0Ah High Power battery.

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



Battery condition display



Interchangeable die sets



Ergonomically designed operating switch



Automatic slot-in battery switch

18.0 V CORDLESS HYDRAULIC CRIMPING TOOL

B450ND-BV

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																					
H.V. lugs and splices																					

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244

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	-

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



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-BV 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 V-2Ah 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.

The tool is fitted with a maximum pressure valve.

Wide-opening head, ideal for derivations from running conductors



4 LED lighting of the working area



Manual pressure release button



Battery connection system with release button



Weight and balance have been re-configured 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.

Flashing work lights and a continuous beep indicate to the operator that B450ND-BV has reached the

working hours at which ordinary maintenance is recommended. It is also a feature that the operating data is stored on a memory card for transfer to PC by USB interface. (SMARTOOL technology).



"Bilinear" mechanical design



Sculptured body for optimum comfort

B500ND

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																						

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244



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	-



B500ND 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. B500ND is suitable for crimping electrical connectors onto conductor cross sections up to 300 mm² and uses the die sets common to all Cemtre 50kN tools and heads.

Equipped with Li-Ion 18 V-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

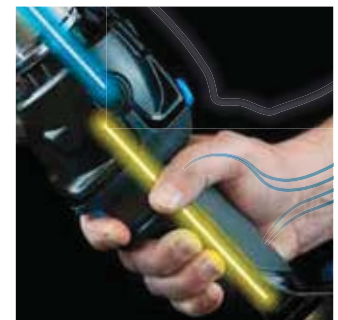
- general operating information
- the number of work cycles completed and remaining before recommended maintenance.

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

18.0 V CORDLESS HYDRAULIC CRIMPING TOOL

B540ND6

general features

MAIN APPLICATIONS - max section AWG

- Copper lugs and splices 300 MCM
- Aluminium lugs and splices 4/0
- Aluminium H taps 4/0 - 4/0

TECHNICAL FEATURES

Crimping force kN	54
Dimensions mm	
Length	495
Height	145
width	88
Battery	18.0V 2.0Ah
Weight kg (with Battery and CDD6N)	3,4

The professional tool ideal for OH lines and residential service applications.

STORAGE

Type	VAL-P60
Dimensions mm L x W x H	620 x 360 x 138
Weight kg	2,4
Supplied with the tool	✓
Purchase separately	-

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



B540ND6 is the first of a new generation of hand-held cordless tools, characterised by a "Bilinear" mechanical structure. Equipped with intelligent auto-return at the end of the operating cycle (Smart Release). Equipped with Li-Ion 18V-2Ah rechargeable high capacity batteries. Jaws rotate by 180° for ease of operation in confined spaces.

Interchangeable Jaws

Many different Cembre interchangeable crimping and cutting jaws are available upon request.

CDD6N jaws



CMB4N jaws



CDD6-6N jaws



CMB5N jaws



CDD6-8N jaws



CMB6N jaws



54kN	Li-Ion 18.0V	SPEED
HEAD OPENING	180°	OLED
BATTERY DISPLAY	PROTECTED	ONE HAND
SAFETY	RELEASE	SILENT
SMOOTH	ERGONOMIC	BALANCED
LED LIGHTING	BI-COMPONENT	ENERGY SAVE
DURABLE	200k	-15°C +50°C
HEXAGONAL	RADIAL	INDENT
OVAL	INDENT	CIRCULAR
CE		

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 EPS guarantees the precision of the crimping operation, checking the actual value of pressure and informing the operator about possible errors (EPS).

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.

Weight and balance have been re-configured 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. (SMARTOOL technology).

INTERCHANGEABLE CRIMPING AND CUTTING JAWS

CAT. No	GROOVES	CRIMPING DIE COMPATIBILITY	
CDD6N	"D3" TO ACCEPT ALL "W" STYLE CRIMPING DIES + "BG" FIXED GROOVE	FCI Burndy	W, X Series
		Greenlee	KD6 Series
		IlSCO	ND Series
		Huskie	HT-58 Series
CDD6-6N	"D3" TO ACCEPT ALL "W" STYLE CRIMPING DIES	Panduit	CD-2001 series
		FCI Burndy	W, X Series
		Greenlee	KD6 Series
		IlSCO	ND Series
CDD6-8N	"D3" TO ACCEPT ALL "W" STYLE CRIMPING DIES + "O" FIXED GROOVE	Huskie	HT-58 Series
		Panduit	CD-2001 series
		FCI Burndy	W, X Series
		Greenlee	KD6 Series
CMB4N	Cutting jaws for underground: Aluminum & Copper stranded cables. Max opening 1-1/4"	IlSCO	ND Series
		Huskie	HT-58 Series
CMB5N	Cutting jaws for OHL: ACSR up to 556 and tree wire		
CMB6N	Cutting jaws for guy wires: Up to 7/16 EHS guy wire		

B500

60kN	Li-Ion 18.0V	SPEED
HEAD OPENING	180°	OLED
BATTERY DISPLAY	PROTECTED	ONE HAND
SAFETY	MAX PRESSURE	RELEASE
SILENT	SMOOTH	ERGONOMIC
BALANCED	LED LIGHTING	BI-COMPONENT
ENERGY SAVE	DURABLE	200k
-15°C to +50°C	HEXAGONAL	RADIAL
INDENT	OVAL	INDENT
CIRCULAR	CE	

The 63 kN B500 is suitable for a wide range of connectors up to 300 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.

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																						

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244



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.



B500-KV version also available for Power Supply Companies



TECHNICAL FEATURES

Crimping force kN	63
Dimensions mm	
Length	300
Height	343
Width	83
Battery	18.0V 4.0Ah
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	✓
Purchase separately	-



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

KIT-B500-1 KIT-B500-2 KIT-B500-MK



KIT-B500-1

Kit includes:

- B500 cordless hydraulic tool
- VAL-P38 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

B500 COMPRESSION KIT

general features

KIT-B500-2

Kit includes:

- B500 cordless hydraulic tool
- VAL-P38 plastic carrying case with accessories

6 die sets:

Nest	Indenter	Indent crimp for low voltage general purpose terminals and through connectors from 25 to 120 mm ²
MA5-50	PA5-50	
MA7-50	PA10-50	
MA10-50	PA19-50	
MA14-50	PA24-50	
MA19-50		

KIT-B500-MK

Kit includes:

- B500 cordless hydraulic tool
- VAL-P38 plastic carrying case with accessories

10 die sets:

MK8-50		Hexagonal crimp for low voltage terminals and through connectors from 16 to 240 mm ² DIN 46235 family
MK10-50		
MK14-50		
MK16-50		
MK18-50		
MK20-50		
MK22-50		
MK25-50		
MK28-50		

18.0 V CORDLESS HYDRAULIC CRIMPING TOOL

B550

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																						

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244

TECHNICAL FEATURES

Crimping force kN	57.7
Dimensions mm	
Length	359
Height	358
Width	83
Battery	18.0V 4.0Ah
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	-

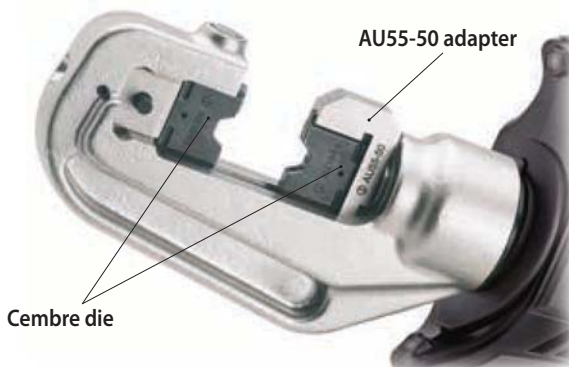


The tool is supplied as:

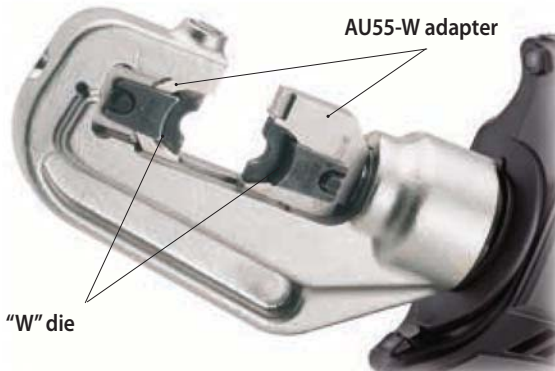
- Basic tool with battery and shoulder strap
- Spare battery
- Battery charger
- USB cable
- Plastic carrying case suitable for storing the tool and accessories



With adapter AU55-50 for accepting Cembre dies.



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



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

The B550, with adapter AU55-50, will accept all Cembre 50 kN dies; with adapter AU55-W it will accept "W" dies.

New Li-Ion 18 V 4 Ah batteries offer a higher capacity than 14.4 V 3 Ah.



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.

B550-KV version also available for Power Supply Companies

B1350-C

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																						
H.V. Splices*																						

*limited to the cable insulation diameter

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244



TECHNICAL FEATURES

Crimping force kN	132
Dimensions mm	
Length	338
Height	344
Width	83
Jaw Opening mm	25
Battery	18.0V 4.0Ah
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	✓
Purchase separately	-

B1350-C is suitable for a wide range of connectors up to 400 sqmm using die sets common to the Cembre 130 kN tooling range.

New Li-Ion 18 V 4 Ah batteries offer a higher capacity than 14.4 V 3 Ah.

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.



LED lighting of the working area



Multifunction OLED display with touch button

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-C-KV version also available for Power Supply Companies



Anatomically shaped grip for improved comfort



Slot-in battery with release button

18.0 V CORDLESS HYDRAULIC CRIMPING TOOL

B1350L-C

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 230 to 244

TECHNICAL FEATURES

Crimping force kN	132
Dimensions mm	
Length	395
Height	372
Width	83
Jaw Opening mm	42
Battery	18.0V 4.0Ah
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	✓
Purchase separately	-



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-C-KV version also available for Power Supply Companies



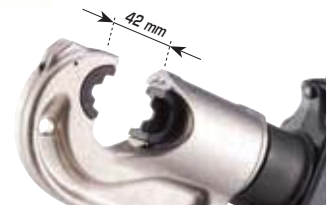
B1350L-C version, featuring a large 42 mm jaw opening, for an easier introduction/removal of large size compression terminations and joints.

B1350L-C is suitable for a wide range of connectors up to 400 sqmm using die sets common to the Cembre 130 kN tooling range.

New Li-Ion 18 V 4 Ah batteries offer a higher capacity than 14.4 V 3 Ah.

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.

B1350-UC

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																						
Alu lugs and splices																						

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244



TECHNICAL FEATURES

Crimping force kN	132
Dimensions mm	
Length	351
Height	369
Width	83
Battery	18.0V 4.0Ah
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	✓
Purchase separately	-

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

The B1350-UC will accept all semi-circular slotted dies, common to most 12 tons tools (U dies).

New Li-Ion 18 V 4 Ah batteries offer a higher capacity than 14.4 V 3 Ah.

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.

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

18.0 V CORDLESS HYDRAULIC CRIMPING TOOL

B1300-C

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 230 to 244

TECHNICAL FEATURES

Crimping force kN	132
Dimensions mm	
Length	406
Height	239
Width	102,5
Jaw Opening mm	25
Battery	18.0V 4.0Ah
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	✓
Purchase separately	-

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-C-KV
version also available for Power Supply Companies



B1300-C is suitable for a wide range of connectors up to 400 sqmm using die sets common to the Cembre 130 kN tooling range. New Li-Ion 18V 4 Ah batteries offer a higher capacity than 14.4V 3 Ah.



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-C COMPRESSION KIT

general features

KIT-B1300-C-1 KIT-B1300-C-2 KIT-B1300-C-MK



KIT-B1300-C-1

Kit includes:

B1300-C cordless hydraulic tool

VAL-P44 plastic carrying case with accessories

7 die sets:

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

Hexagonal crimp for low voltage terminals and through connectors from 50 to 240 mm² A-M family

KIT-B1300-C-2

Kit includes:

B1300-C cordless hydraulic tool

VAL-P44 plastic carrying case with accessories

11 die sets:

Nest	Indentor
MA2-C	
MA3-C	
MA5-C	PA10-C
MA7-C	
MA10-C	
MA14-C	
MA19-C	PA24-C
MA24-C	
MA30-C	
MA37-C	PA48-C
MA48-C	

Indent crimp for low voltage general purpose terminals and through connectors from 10 to 240 mm²

KIT-B1300-C-MK

Kit includes:

B1300-C cordless hydraulic tool

VAL-P44 plastic carrying case with accessories

11 die sets:

MK6-C
MK8-C
MK10-C
MK12-C
MK14-C
MK16-C
MK18-C
MK20-C
MK22-C
MK25-C
MK28-C

Hexagonal crimp for low voltage terminals and through connectors from 10 to 240 mm² DIN 46235 family

B1300L-C

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 230 to 244

TECHNICAL FEATURES

Crimping force kN	132
Dimensions mm	
Length	471
Height	239
Width	102,5
Jaw Opening mm	42
Battery	18.0V 4.0Ah
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	✓
Purchase separately	-

New Li-Ion 18V 4 Ah batteries offer a higher capacity than 14.4V 3 Ah.

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.



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

B1300L-C is suitable for a wide range of connectors up to 400 sqmm using die sets common to the Cembre 130 kN tooling range.

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-C-KV version also available for Power Supply Companies

18.0 V CORDLESS HYDRAULIC CRIMPING TOOL

B1300-UC

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																						
Alu lugs and splices																						

These tools are supplied without dies. For die selection, please refer to chart on pages 230 to 244

TECHNICAL FEATURES

Crimping force kN	132
Dimensions mm	
Length	423
Height	239
Width	102,5
Battery	18.0V 4.0Ah
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	✓
Purchase separately	-



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

The B1300-UC will accept all semi-circular slotted dies, common to most 12 tons tools (U dies).

New Li-Ion 18V 4 Ah batteries offer a higher capacity than 14.4V 3 Ah.

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.