

MECHANICAL AND PNEUMATIC TOOLS



SYMBOL DESCRIPTION

professional mechanical tools - hydraulic bench press



Can be operated with one hand



Max cutting diameter



Manual pressure release button



High hardness blades



Ergonomically designed with a sculptured body for operator comfort



Stainless steel blades



Lightweight and balanced for greater control



High tensile steel blades



Dual-compound plastic handles
Greater safety and comfort in handling, thanks to the rubber inserts



Micro-serrated blades for anti-slip purpose



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



Special Steel frame for high resistance and a long life



Extremely quiet in operation



Protected against accidental intrusions



Max cutting section

SYMBOL DESCRIPTION

professional mechanical tools - hydraulic bench press



Hexagonal crimp



Radial crimp



Indent crimp



Indent crimp



Oval crimp



Trapezium crimp



Rhomboidal crimp



Square crimp



CE marking



UKCA marking



CRIMPSTAR®

Manual tool, compact and easy to use, equipped with:

- treated steel crimp jaws with high mechanical properties.
- factory-set ratchet for crimping control (automatic handle opening upon completion of crimping operation).
- Emergency release lever which, if necessary, opens the crimp jaws before their complete closure.
- Ergonomically designed non-slip moulded plastic grips.

HP1

MECHANICAL TOOLS CRIMPSTAR® RANGE

for insulated terminals and connectors



Crimpstar®



The tool HP1 provide cUL® and UL® certified compression when used with CEMBRE VP.



TECHNICAL FEATURES:

Crimping Range	PVC, PC and PA6.6 insulated terminals and connectors for conductor sizes 0,2 to 2,5 sqmm
Dimensions mm	
Length	235
Width	78
Height	19
Weight g	512
Package Dimensions	240 x 81 x 25

HP5

MECHANICAL TOOLS CRIMPSTAR® RANGE

for insulated terminals and connectors



Crimpstar®



The tool HP5 provide cUL® and UL® certified compression when used with CEMBRE RF, BF, GF, RF-F/M/FM, BF-F/M/FM, GF-F/M, RP, BP, GP, PL.



TECHNICAL FEATURES:

Crimping Range	PVC, PC and PA6.6 insulated terminals and connectors for conductor sizes 0,5 to 6 sqmm (for both right and left handed operators)
Dimensions mm	
Length	235
Width	78
Height	19
Weight g	498
Package Dimensions	240 x 81 x 25

MECHANICAL TOOLS CRIMPSTAR® RANGE

HP3

for insulated terminals and connectors

Crimpstar®



TECHNICAL FEATURES

Crimping Range	PVC, PC and PA6.6 insulated terminals and connectors for conductor sizes 0,25 to 6 sqmm
Dimensions mm	
Length	235
Width	78
Height	19
Weight g	498
Package Dimensions	240 x 81 x 25



MECHANICAL TOOLS CRIMPSTAR® RANGE

HNN3

for insulated terminals and connectors

Crimpstar®



TECHNICAL FEATURES

Crimping Range	PA6.6 insulated terminals and connectors for conductor sizes 1,5 to 10 sqmm
Dimensions mm	
Length	235
Width	78
Height	19
Weight g	491
Package Dimensions	240 x 81 x 25



MECHANICAL TOOLS CRIMPSTAR® RANGE

HNN4

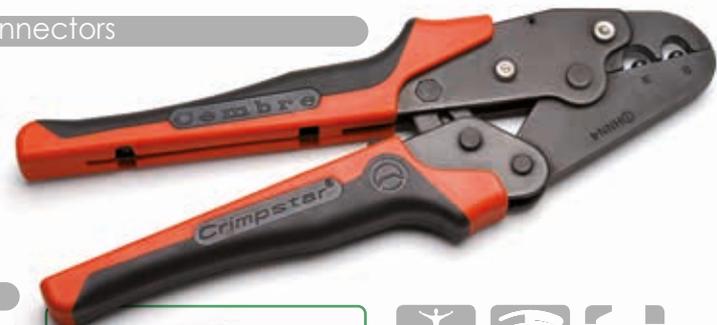
for insulated terminals and connectors

Crimpstar®



TECHNICAL FEATURES

Crimping Range	PA6.6 insulated terminals and connectors for conductor sizes 10 and 16 sqmm
Dimensions mm	
Length	235
Width	78
Height	19
Weight g	492
Package Dimensions	240 x 81 x 25



HPH1

MECHANICAL TOOLS CRIMPSTAR® RANGE

for through connectors PE HD insulated, heat shrinkable



TECHNICAL FEATURES

Crimping Range	Through connectors PE HD insulated, heat shrinkable. for conductor sizes 0,5 to 6 sqmm and PA6.6 connectors NL-M, NL-P for conductor sizes 0,25 to 6 sqmm
Dimensions mm	
Length	235
Width	78
Height	19
Weight g	512
Package Dimensions	240 x 81 x 25

HNKE4

MECHANICAL TOOLS CRIMPSTAR® RANGE

for end sleeves



TECHNICAL FEATURES

Crimping Range	End sleeves for conductor sizes 0,5 to 4 sqmm
Dimensions mm	
Length	235
Width	78
Height	19
Weight g	498
Package Dimensions	240 x 81 x 25

MECHANICAL TOOLS CRIMPSTAR® RANGE

HNKE16

for end sleeves

Crimpstar®



TECHNICAL FEATURES

Crimping Range	End sleeves for conductor sizes 4 to 16 sqmm
Dimensions mm	
Length	235
Width	78
Height	19
Weight g	491
Package Dimensions	240 x 81 x 25



MECHANICAL TOOLS CRIMPSTAR® RANGE

HNKE50

for end sleeves

Crimpstar®



TECHNICAL FEATURES

Crimping Range	End sleeves for conductor sizes 25 - 35 - 50 sqmm
Dimensions mm	
Length	235
Width	78
Height	19
Weight g	590
Package Dimensions	240 x 81 x 25



HN1

MECHANICAL TOOLS CRIMPSTAR® RANGE

for uninsulated terminals and connectors



Crimpstar®



TECHNICAL FEATURES

Crimping Range	Uninsulated terminals and connectors for conductor sizes 0,25 to 10 sqmm
Dimensions mm	
Length	235
Width	78
Height	19
Weight g	480
Package Dimensions	240 x 81 x 25

HN5

MECHANICAL TOOLS CRIMPSTAR® RANGE

for uninsulated terminals and connectors



Crimpstar®



TECHNICAL FEATURES

Crimping Range	Uninsulated terminals and connectors for conductor sizes 10 and 16 sqmm
Dimensions mm	
Length	235
Width	78
Height	19
Weight g	489
Package Dimensions	240 x 81 x 25

MECHANICAL TOOLS CRIMPSTAR® RANGE

HN-A25

for uninsulated terminals and connectors A-M, L-M and L-P series

Crimpstar®



HN-D25

for Cu tube lugs DR (DIN 46235) and through connectors DSV (DIN 46267)

Crimpstar®



HN-H25

for Cu tube lugs HR and through connectors HSV

Crimpstar®



HN-T25

for Cu tube lugs T-M, T-L and through connectors L-T

Crimpstar®



HN-A25 TECHNICAL FEATURES:

Crimping Range

Uninsulated terminals and connectors A-M, L-M and L-P series
for conductor sizes 10 to 25 sqmm

HN-D25 TECHNICAL FEATURES:

Crimping Range

Cu tube lugs DR (DIN 46235) and through connectors DSV (DIN 46267)
for conductor sizes 10 to 25 sqmm

HN-H25 TECHNICAL FEATURES:

Crimping Range

Cu tube lugs HR and through connectors HSV
for conductor sizes 10 to 25 sqmm

HN-T25 TECHNICAL FEATURES:

Crimping Range

Cu tube lugs T-M, T-L and through connectors L-T
for conductor sizes 10 to 25 sqmm



Dimensions mm

Length	230
Width	78
Height	19
Weight g	500
Package Dimensions	240 x 81 x 25

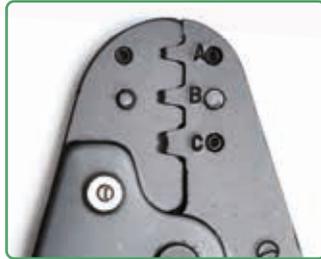
HF1

MECHANICAL TOOLS CRIMPSTAR® RANGE

for open barrel brass terminals



Crimpstar®



TECHNICAL FEATURES

Crimping Range	Open barrel brass terminals for conductors sizes 0,5 to 4 sqmm (not BN-FAB/FAR type)
Dimensions mm	
Length	235
Width	78
Height	19
Weight g	509
Package Dimensions	240 x 81 x 25

HF2

MECHANICAL TOOLS CRIMPSTAR® RANGE

for open barrel brass terminals



Crimpstar®



TECHNICAL FEATURES

Crimping Range	Open barrel brass terminals for conductors sizes 0,08 to 1,3 sqmm (28 to 16 AWG)
Dimensions mm	
Length	235
Width	78
Height	19
Weight g	497
Package Dimensions	240 x 81 x 25

MECHANICAL TOOLS CRIMPSTAR® RANGE

HX1

for coaxial connectors

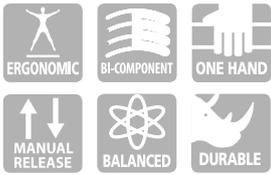
Crimpstar®



TECHNICAL FEATURES

Crimping Range	Coaxial connectors type RG58, RG59, RG62 and RG 71
Dimensions mm	
Length	235
Width	78
Height	19
Weight g	481
Package Dimensions	240 x 81 x 25





MLRJ1



TECHNICAL FEATURES

Crimping Range	For crimping plugs RJ 11; RJ 12; RJ 14; RJ 22; RJ 45. With cutting and wire-stripping blades
Dimensions mm	
Length	211
Width	75
Height	23
Weight g	526

MLL1



TECHNICAL FEATURES

Crimping Range	For crimping insulated terminals, 0,25 to 6 sqmm side insertion
Dimensions mm	
Length	252
Width	78
Height	23
Weight g	556

MLL90



TECHNICAL FEATURES

Crimping Range	Single aperture, ratchet controlled tool for crimping female connectors, open barrel, flag type 1 to 2,5 sqmm - side insertion
Dimensions mm	
Length	252
Width	78
Height	23
Weight g	558



TECHNICAL FEATURES

Crimping Range	For crimping end sleeves 0,25 to 6 sqmm
Dimensions mm	
Length	198
Width	77
Height	18
Weight g	350



MLS1



TECHNICAL FEATURES

Crimping Range	For crimping end sleeves 6 to 16 sqmm
Dimensions mm	
Length	198
Width	77
Height	18
Weight g	350



MLS2



TECHNICAL FEATURES

Crimping Range	For crimping insulated and uninsulated connectors, 0,25 to 6 sqmm
Dimensions mm	
Length	234
Width	65
Height	15
Weight g	228

ZP2



ND

MECHANICAL TOOLS ND® RANGE

for insulated and uninsulated end sleeves



A generation of tools, with a unique mechanism to reduce operator effort. Small and compact, with ergonomically designed handles for ease of operation.

High quality materials combined with advanced design and manufacturing technology, produce a reliable tool with a guaranteed consistent, crimping operation.



ND1



TECHNICAL FEATURES

Crimping Range	Insulated and uninsulated end sleeves for conductors sizes 0,3 to 1,5 sqmm
Dimensions mm	
Length	190
Width	72
Height	21
Weight g	470



ND2



TECHNICAL FEATURES

Crimping Range	Insulated and uninsulated end sleeves for conductors sizes 1 to 6 sqmm
Dimensions mm	
Length	190
Width	72
Height	21
Weight g	470



ND3



TECHNICAL FEATURES

Crimping Range	Insulated and uninsulated end sleeves for conductors sizes 6 to 16 sqmm
Dimensions mm	
Length	190
Width	72
Height	21
Weight g	470



ND4



TECHNICAL FEATURES

Crimping Range	Insulated and uninsulated end sleeves for conductors sizes 0,5 to 4 sqmm
Dimensions mm	
Length	190
Width	72
Height	21
Weight g	470



Package Dimensions mm	195 x 76 x 20
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MECHANICAL TOOLS ZKE RANGE

for insulated and uninsulated end sleeves

ZKE



The ZKE610N and ZKE616N pliers provide cUL® and UL® certified compression when used with CEMBRE PKE, PKC, PKD and PKT end sleeves.



TECHNICAL FEATURES

Crimping Range	Single aperture, ratchet controlled tool for crimping end sleeves, 0,1 to 10 sqmm side insertion
Dimensions mm	
Length	184
Width	80
Height	26
Weight g	375



ZKE610N



TECHNICAL FEATURES

Crimping Range	Single aperture, ratchet controlled tool for crimping end sleeves, 0,1 to 16 sqmm side insertion
Dimensions mm	
Length	184
Width	80
Height	30,5
Weight g	380



ZKE616N



TECHNICAL FEATURES

Crimping Range	Tool for crimping end sleeves 0,5 to 6 sqmm front insertion
Dimensions mm	
Length	200
Width	80
Height	20
Weight g	372



ZKE6-F



TECHNICAL FEATURES

Crimping Range	For end sleeves 0,5 to 16 sqmm
Dimensions mm	
Length	190
Width	62
Height	11
Weight g	240



ZKE2

HP4-R

MECHANICAL TOOLS HP4 RANGE

for insulated terminals and connectors



The tool HP4-R provide cUL® and UL® certified compression when used with CEMBRE RF, RF-F/M/FM, RP, PLO3-M.



TECHNICAL FEATURES

Crimping Range	PVC, PC and PA6.6 insulated terminals and connectors for conductor sizes 0,25 to 1,5 sqmm
Dimensions mm	
Length	265
Width	80
Height	24
Weight g	500
Package Dimensions	330 x 110 x 50 mm

Professional manual mechanical tool with ratchet mechanism that prevents the handles from opening again before reaching the ratchet. Equipped with a positioning device to reduce the operator's effort and facilitate proper crimping of the conductor.

According to the different thicknesses of the conductor insulation, the crimping on the insulation can be carried out by adjusting the jaws through three different settings:

1) strong, 2) medium, 3) light. The tool is particularly easy to use thanks to its shape and handle

coating. At the end of the crimping the outer surface of the conductor is automatically stamped with the following crimping code: one point for red conductor sizes from 0.25 to 1.5 mm²

- Construction features:**
- Special treated and externally protected steel body, ratchet and handles.
 - Handle coating in soft red PVC plastic.

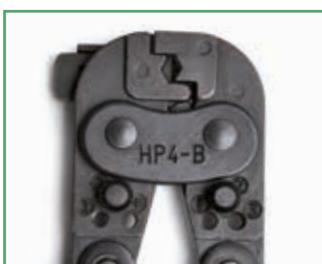
HP4-B

MECHANICAL TOOLS HP4 RANGE

for insulated terminals and connectors



The tool HP4-B provide cUL® and UL® certified compression when used with CEMBRE BF, BF-F/M/FM, BP, PLO6-M.



TECHNICAL FEATURES

Crimping Range	PVC, PC and PA6.6 insulated terminals and connectors for conductor sizes 1,5 to 2,5 sqmm
Dimensions mm	
Length	265
Width	80
Height	24
Weight g	500
Package Dimensions	330 x 110 x 50 mm

Professional manual mechanical tool with ratchet mechanism that prevents the handles from opening again before reaching the ratchet. Equipped with a positioning device to reduce the operator's effort and facilitate proper crimping of the conductor.

According to the different thicknesses of the conductor insulation, the crimping on the insulation can be carried out by adjusting the jaws through three different settings:

1) strong, 2) medium, 3) light. The tool is particularly easy to use thanks to its shape and handle

coating. At the end of the crimping the outer surface of the conductor is automatically stamped with the following crimping code: two points for blue conductor sizes from 1.5 to 2.5 mm²

- Construction features:**
- Special treated and externally protected steel body, ratchet and handles.
 - Handle coating in soft blue PVC plastic.

MECHANICAL TOOLS HP4 RANGE

for insulated terminals and connectors



The tool HP4-G provide cUL® and UL® certified compression when used with CEMBRE GF, GF-F/M/FM, GP, PL1-M.



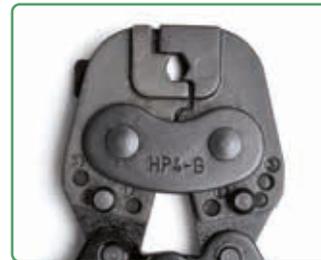
TECHNICAL FEATURES

Crimping Range	PVC, PC and PA6.6 insulated terminals and connectors for conductor sizes 4 to 6 sqmm
Dimensions mm	
Length	320
Width	105
Height	25
Weight g	810
Package Dimensions	330 x 110 x 50 mm

Professional manual mechanical tool with ratchet mechanism that prevents the handles from opening again before reaching the ratchet. Equipped with a positioning device to reduce the operator's effort and facilitate proper crimping of the conductor.

According to the different thicknesses of the conductor insulation, the crimping on the insulation can be carried out by adjusting the jaws through three different settings:

1) strong, 2) medium, 3) light. The tool is particularly easy to use thanks to its shape and handle



coating. At the end of the crimping the outer surface of the conductor is automatically stamped with the following crimping code: three points for yellow conductor from 4 to 6 sqmm

Construction features:

- Special treated and externally protected steel body, ratchet and handles.
- Handle coating in soft yellow PVC plastic.

MECHANICAL TOOLS HP4 RANGE

for sleeve connectors



TECHNICAL FEATURES

Crimping Range	For sleeve connectors type C6-C6 and C10-C10
Dimensions mm	
Length	325
Width	105
Height	21
Weight g	730
Package Dimensions	330 x 110 x 50 mm



Professional manual mechanical tool with ratchet mechanism that prevents the handles from opening again before reaching the ratchet. The tool is particularly easy to use thanks to its shape and handle coating.

Construction features:

- Special treated and externally protected steel body, ratchet and handles.
- Handle coating in soft yellow PVC plastic.

HWE1N

MECHANICAL TOOL HWE1N

with interchangeable dies



TECHNICAL FEATURES

Dimensions mm

Length	240
Width	79
Height	32,5
Weight g	590

A robust and reliable tool designed to optimise the installers time and effort. A single tool body with a range of interchangeable dies allows a quick and simple transfer from one cable/connector combination to another, across a range of applications.

N.B .: the tool is supplied without dies, for their choice consult the table on the side.

TECHNICAL FEATURES:

- Automatic opening of handles following completion of the crimping operation
- Dull Nickel finish
- Anti-slip handle grips

VALSTAR-N5 - KIT AVAILABLE ON REQUEST



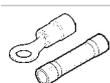
NEW

VALSTAR-N5

comprising:

- HWE1N Manual mechanical tool
- KE16-WE die
- RBY-WE die
- all contained in a sturdy plastic case with extra compartments for interchangeable dies

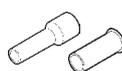
INTERCHANGEABLE DIES TO ORDER SEPARATELY



INSULATED CONNECTORS RED, BLUE AND YELLOW

RBY-WE

Size 0,5 to 6,0 mm²



INSULATED AND UNINSULATED END SLEEVES

KE6-WE

Size 0,5 to 6 mm²

KE16-WE

Size 0,5 to 16 mm²

KE35-WE

Size 16 to 35 mm²



CONNECTORS WITH HEAT SHRINKABLE INSULATION

WLM-WE

Size 0,5 to 6 mm²



UNINSULATED CABLE LUGS

N10-WE

Size 0,5 to 10 mm²



OPEN BARREL BRASS CONNECTORS

F050-WE

Size 0,08 and 0,5 mm²

F075-WE

Size 0,05 and 0,75 mm²

F2.5-WE

Size 0,5 and 2,5 mm²



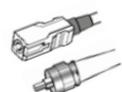
PHOTOVOLTAIC CONNECTORS (MULTI-CONTACT)

MC3-WE

Size 4 to 6 mm²

MC4-WE

Size 4 to 6 mm²



FIBER OPTIC CONNECTOR

ST-WE

SMA, SMB, SFR, ST, SC

SMA-WE

SMA



COAXIAL CONNECTORS

RG71-WE

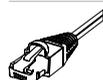
RG58, RG59, RG62

RG174-WE

RG58, RG174

RG179-WE

RG174, RG179



SHIELDED WE CONNECTOR

RJ45-WE

RJ45

MECHANICAL TOOL IDT

with modular interchangeable dies

IDT

Dies for photovoltaic connectors



4300-3541
Tyco Solarlok

4300-3539
MC4 Multi Contact

4300-3540
MC3 Multi Contact

See page 166 for HB11 cable stripper



TECHNICAL FEATURES

Dimensions mm

Length	234
Width	64
Height	24
Weight g	460

INTERCHANGEABLE DIES TO ORDER SEPARATELY

INSULATED CONNECTORS RED, BLUE, YELLOW and GREEN

4300-3129 Size 0,5 ÷ 2,5 mm ² (Red - Blue)	4300-3128 Size 4 ÷ 6 mm ² (Yellow) Size 0,1 ÷ 0,4 mm ² (Green)
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CONNECTORS WITH HEAT SHRINKABLE INSULATION

4300-3258 Size 0,5 ÷ 2,5 mm ² (Red - Blue)	4300-3262 Size 4 ÷ 6 mm ² (Yellow) Size 0,32 ÷ 0,75 mm ² (Green)
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UNINSULATED CONNECTORS

4300-3137 Size 0,75 ÷ 2,5 mm ²	4300-3241 Size 4 ÷ 10 mm ²
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CONTACTS FOR MULTI POLAR CONNECTORS (eg. ILME, HTS, CONTACT)

4300-3147 Size 0,14 ÷ 4 mm ²	4300-3148 Size 6 ÷ 10 mm ²
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INSULATED AND UNINSULATED END SLEEVES

4300-3127 Size 0,25 ÷ 10 mm ²	4300-3153 Size 16 ÷ 25 mm ²	4300-3154 Size 35 ÷ 50 mm ²
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OPEN BARREL CONNECTORS

4300-3146 Size 0,5 ÷ 6 mm ²
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BNC/TNC CONNECTORS FOR COAXIAL CABLES

4300-3136 RG 58, 59, 62, 71	4300-3140 RG 174, 179
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TV - SATELLITE RECEIVER CONNECTORS

4300-3138 RG 6, 59

PHONE CONNECTORS

4300-3144 RJ 45 (LARGE)	4300-3132 RJ 11 (SMALL)
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PHOTOVOLTAIC CONNECTORS (MULTI-CONTACT)

4300-3540 MC3 Size 2,5 - 4/6 mm ²	4300-3539 MC4 Size 2,5/4/6 mm ²	4300-3541 Tyco Solarlok Size 2,5/4/6 mm ²
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A robust and reliable tool designed to optimise the installers time and effort.

A single tool body with a range of interchangeable dies allows a quick and simple transfer from one cable/connector combination to another, across a wide range of applications.

Modular dies may be inserted/extracted without using any tools and are connected in pairs for speed and convenience.

To assist correct die selection, the type of connector is illustrated on each die.

Each die also carries an illustration of the steps in each crimping process, to assist in achieving the best result.



VALSTAR R3 IDT

To order separately - sturdy plastic case designed to store an IDT tool and up to 10 modular dies.

Modular die storage housings are easily combined for convenient transportation



Modular die pack



TN70SE TN70

MECHANICAL TOOLS TN RANGE

for uninsulated terminals and connectors

A-M
SERIES



Professional manual mechanical tool suitable for crimping A-M Cu lugs and non-insulated L-M and L-P connectors.

Heat treated steel crimp jaws.

Easily adjustable die positioning by knurled screw and reference vernier scale.

Handles made from anti-slip plastic with hilt.



TN70SE: vernier scale with section of conductors

TN70: vernier scale with connector sizes

TECHNICAL FEATURES

Crimping Range

*Uninsulated terminals and connectors for conductor sizes 6 R/F to 70 R/F sqmm

Dimensions mm

Length

450

Width

127

Height

47

Weight kg

2

*R= Rigid conductor F= Flexible conductor



TNN70

MECHANICAL TOOLS TN RANGE

for insulated terminals and connectors

ANE
SERIES



Professional manual mechanical tool suitable for the crimping of wire terminals and PA 6.6 insulated connectors.

Heat treated steel crimp jaws.

Easily adjustable die positioning by knurled screw and reference vernier scale.

Handles made from anti-slip plastic with hilt.



TECHNICAL FEATURES

Crimping Range

*Polyamide PA6.6 insulated terminals and connectors for conductor sizes 10 F to 70 F sqmm

Dimensions mm

Length

450

Width

127

Height

47

Weight kg

2

*F= Flexible conductor



MECHANICAL TOOLS TN RANGE

for uninsulated terminals and connectors

TN120SE TN120S

A-M
SERIES



TECHNICAL FEATURES

Crimping Range	*Uninsulated terminals and connectors for conductor sizes 10 R/F to 120 R/150 F sqmm
Dimensions mm	
Length	700
Width	170
Height	47
Weight kg	3

*R= Rigid conductor F= Flexible conductor



Professional manual mechanical tool suitable for crimping A-M Cu lugs and non-insulated L-M and L-P connectors. Heat treated steel crimp jaws. Easily adjustable die positioning by knurled screw and reference vernier scale. Handles made from anti-slip plastic with hilt.

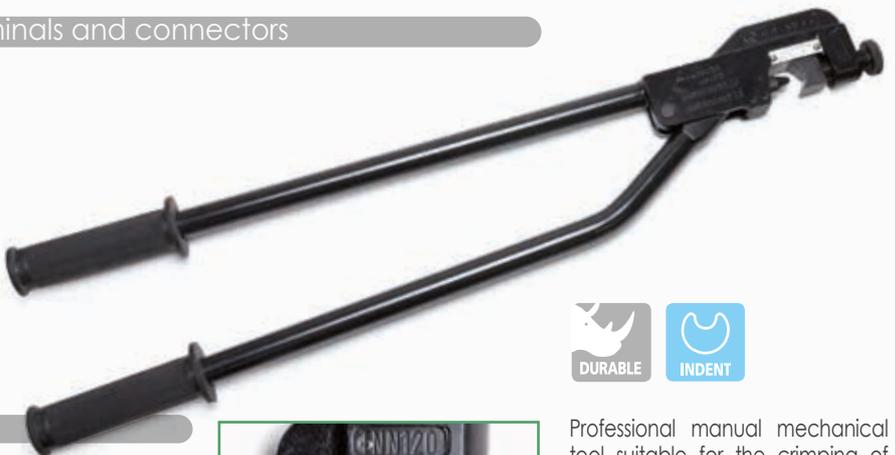
TN120SE: vernier scale with section of conductors
TN120S: vernier scale with connector sizes

MECHANICAL TOOLS TN RANGE

for insulated terminals and connectors

TNN120

ANE
SERIES



TECHNICAL FEATURES

Crimping Range	*Polyamide PA6.6 insulated terminals and connectors for conductor sizes 10 F to 120 F sqmm
Dimensions mm	
Length	700
Width	170
Height	47
Weight kg	3

*F= Flexible conductor



Professional manual mechanical tool suitable for the crimping of wire terminals and PA 6.6 insulated connectors. Heat treated steel crimp jaws. Easily adjustable die positioning by knurled screw and reference vernier scale. Handles made from anti-slip plastic with hilt.

TNE-A50

MECHANICAL TOOLS TNE RANGE

for uninsulated terminals and connectors

A-M
SERIES



Mechanical tools equipped with rotating dies with hexagonal imprint, suitable for crimping A-M Cu lugs and non-insulated L-M connectors, particularly sturdy and easy to handle.



TECHNICAL FEATURES

Crimping Range	Uninsulated terminals and connectors for conductor sizes 6 to 50 sqmm
Dimensions mm	
Length	386
Width	94
Height	40,5
Weight kg	1,45

TNE-A120

MECHANICAL TOOLS TNE RANGE

for uninsulated terminals and connectors

A-M
SERIES



Mechanical tools equipped with rotating dies with hexagonal imprint, suitable for crimping A-M Cu lugs and non-insulated L-M connectors, particularly sturdy and easy to handle.



TECHNICAL FEATURES

Crimping Range	Uninsulated terminals and connectors for conductor sizes 10 to 120 sqmm
Dimensions mm	
Length	650,5
Width	152
Height	53,5
Weight kg	3,82

MECHANICAL TOOLS TNE RANGE

for Cu tube lugs T-M (NFC 20-130), T-L and through connectors L-T

TNE-T50

T-M
SERIES



TECHNICAL FEATURES

Crimping Range	for Cu tube lugs T-M (NFC 20-130), T-L and through connectors L-T for conductor sizes 6 to 50 sqmm	
Dimensions mm		
Length	386	
Width	94	
Height	40,5	
Weight kg	1,45	



Mechanical tools equipped with rotating dies with hexagonal imprint, suitable to crimp Copper lugs T-M series according to (NFC 20-130), T-L and and through connectors L-T (refer to page 52-53), particularly sturdy and easy to handle.

MECHANICAL TOOLS TNE RANGE

for Cu tube lugs T-M (NFC 20-130), T-L and through connectors L-T

TNE-T120

T-M
SERIES



TECHNICAL FEATURES

Crimping Range	for Cu tube lugs T-M (NFC 20-130), T-L and through connectors L-T for conductor sizes 10 to 120 sqmm	
Dimensions mm		
Length	650,5	
Width	152	
Height	53,5	
Weight kg	3,82	



Mechanical tools equipped with rotating dies with hexagonal imprint, suitable to crimp Copper lugs T-M series according to (NFC 20-130), T-L and and through connectors L-T (refer to page 52-53), particularly sturdy and easy to handle.

TNE-D50

MECHANICAL TOOLS TNE RANGE

for uninsulated terminals and connectors according to DIN 46235 and DIN 46267 T.1



DR
SERIES



Mechanical tools equipped with rotating dies with hexagonal imprint compliant with DIN 480863 suitable to crimp Copper lugs according to DIN 46235 and through connectors according to DIN 46267 T.1 (refer to page 48-49), particularly sturdy and easy to handle.



TECHNICAL FEATURES

Crimping Range

Uninsulated terminals and connectors according to DIN 46235 and DIN 46267 T.1 for conductor sizes 6 to 50 sqmm

Dimensions mm

Length	386
Width	94
Height	40,5
Weight kg	1,45

TNE-D120

MECHANICAL TOOLS TNE RANGE

for uninsulated terminals and connectors according to DIN 46235 and DIN 46267 T.1



DR
SERIES



Mechanical tools equipped with rotating dies with hexagonal imprint compliant with DIN 480863 suitable to crimp Copper lugs according to DIN 46235 and through connectors according to DIN 46267 T.1 (refer to page 48-49), particularly sturdy and easy to handle.



TECHNICAL FEATURES

Crimping Range

Uninsulated terminals and connectors according to DIN 46235 and DIN 46267 T.1 for conductor sizes 10 to 120 sqmm

Dimensions mm

Length	650,5
Width	152
Height	53,5
Weight kg	3,82

MECHANICAL TOOLS TNE RANGE

for uninsulated copper tube lugs HR and through connectors HSV

HR
SERIES



TECHNICAL FEATURES

Crimping Range	for uninsulated Copper tube lugs HR and through connectors HSV for conductor sizes 6 to 50 sqmm	
Dimensions mm		
Length		386
Width		94
Height		40,5
Weight kg		1,45

TNE-H50



Mechanical tools equipped with rotating dies with hexagonal imprint suitable to crimp Copper tube lugs HR and through connectors HSV (refer to page 50-51), particularly sturdy and easy to handle.

MECHANICAL TOOLS TNE RANGE

for uninsulated copper tube lugs HR and through connectors HSV

HR
SERIES



TECHNICAL FEATURES

Crimping Range	for uninsulated Copper tube lugs HR and through connectors HSV for conductor sizes 10 to 120 mm²	
Dimensions mm		
Length		650,5
Width		152
Height		53,5
Weight kg		3,82

TNE-H120



Mechanical tools equipped with rotating dies with hexagonal imprint suitable to crimp Copper tube lugs HR and through connectors HSV (refer to page 50-51), particularly sturdy and easy to handle.

HB14

Automatic wire stripper HB14

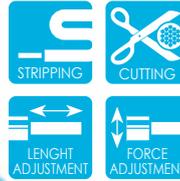
Automatic stripping force adjustment according to the cable section; the stripping force can be manually adjusted even for very soft or tough insulation for cables from 0,2 a 6,0 sqmm. Stripping length adjustable from 6 to 18 mm. Conductor cut from 0,2 to 2,5 sqmm.

NEW



WIRE STRIPPERS HB RANGE

for insulated cables



TECHNICAL FEATURES

Dimensions mm

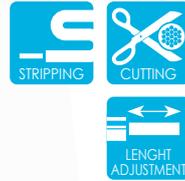
Length	200
Width	165
Height	28
Weight g	155

HB15

Automatic wire stripper HB15

Automatic stripping force adjustment according to the cable section. For cables from 0,2 to 6,0 sqmm. Stripping length adjustable from 6 to 15 mm. Conductor cut from 0,2 to 2,5 sqmm.

NEW



TECHNICAL FEATURES

Dimensions mm

Length	163
Width	136
Height	29
Weight g	94

HB6



Wire strippers, including stripping die for PVC insulated cables 0,02 to 10 sqmm

Interchangeable stripping dies available upon request:



4320-0866, rounded blades
suitable for:
PVC from 4 to 16 sqmm



4320-0864, flat blade
suitable for:
PVC from 0,02 to 10 sqmm



4320-0865, 'V' blades
suitable for:
PTFE from 0,1 to 4 sqmm

HB11



For photovoltaics insulated cables 2,5 to 6 sqmm stripping length 8,5 mm

HB5



TECHNICAL FEATURES

Application Range Wire stripper, for PVC insulated cables 0,25 to 6 sqmm

Dimensions mm	
Length	166
Width	55
Height	15
Weight g	134

HB7

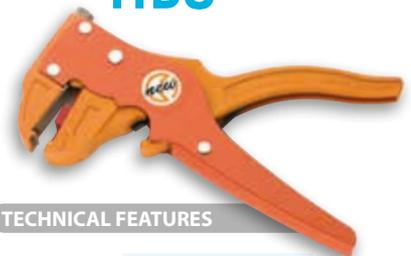


TECHNICAL FEATURES

Application Range A versatile tool for cutting, crimping, and stripping. Range: 0,2 to 6 sqmm

Dimensions mm	
Length	206
Width	106
Height	21
Weight g	256

HB8



TECHNICAL FEATURES

Application Range Wire stripper, for PVC insulated cables 0,2 to 6 sqmm

Dimensions mm	
Length	175
Width	90
Height	22
Weight g	200

CABLE STRIPPING TOOLS HB RANGE

for external sleeves of Low/Medium Voltage cables



Universal cable stripping tool for external sleeves of Low/Medium Voltage cables Ø 12,7 to 63,5 mm and primary insulator in XLPE max Ø 38,1 mm



HB13UE

For vulcanised extruded semiconductor

HB2



Cable stripping tool for circular cables Ø 4,5 to 28,5 mm

HB12N cable stripping tool removes the semiconductor layer by being manually rotated around the cable while lateral advancement is achieved automatically. Safe and convenient, it can be used on cables with a semi-con diameter between 18 - 60 mm.

The HB12N kit includes:

- HB12N cable stripping tool
- sturdy plastic case



HB12N

- Sturdy frame in anodised Aluminium alloy and Steel.
- Special Steel blade with precise cutting depth regulation.
- Stripping operation can start at any point along the conductor.
- Bearing mounted rollers provide smooth cutting action.
- With "REVERSE" function, which allows the removal of semiconductor up to 7 mm thick from the sheath of the cable.
- Double speed for each direction.

HB9

Insulated knife, with curved blade and protective cover. Suitable for insulation and screen removal, equipped with blade guide to avoid damage to strands. Handle is made of a bi-component plastic material.



Insulated knife has an interchangeable straight blade and plastic blade protector that folds into the handle. Ergonomic handle made of anti shock plastic material



HB10

HAND TOOLS FOR CABLE TIES

5527030079

With cutting device

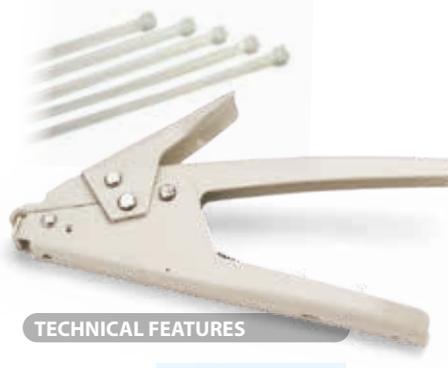


TECHNICAL FEATURES

Application Range	For stainless steel cable ties width up to 7,9 mm
Dimensions mm	
Length	180
Width	141
Height	30
Weight g	558

5523036090

Manual cutting



TECHNICAL FEATURES

Application Range	For plastic cable ties from 4,8 to 9 mm
Dimensions mm	
Length	194
Width	100
Height	25
Weight g	324

5313022048

Automatic cutting



TECHNICAL FEATURES

Application Range	For plastic cable ties from 2,2 to 4,8 mm
Dimensions mm	
Length	162
Width	133
Height	23
Weight g	208

KT

CABLE CUTTERS KT RANGE

for cutting cables Cu and Al

KT1



TECHNICAL FEATURES

Cutting Capacity	Rigid	Multi-Cond.	Flex
Section Cond. mm ²	Cu 16 Al 35	Cu 50 Al 50	Cu 70
Dimensions mm			
Length	170		
Width	45		
Weight g	210		

KT2



TECHNICAL FEATURES

Cutting Capacity	Rigid	Multi-Cond.	Flex
Section Cond. mm ²	Cu 16 Al 50	Cu 50 Al 70	Cu 95
Dimensions mm			
Length	210		
Width	47		
Weight g	294		

KT5



TECHNICAL FEATURES

Cutting Capacity	for cutting cables Cu and Al up to max section 25 sqmm
Dimensions mm	
Length	170
Width	52
Weight g	108

KT3N



TECHNICAL FEATURES

Cutting Capacity	For cutting cables Cu and Al Ø max 34 mm
Dimensions mm	
Length	260
Weight g	600

KT4N



TECHNICAL FEATURES

Cutting Capacity	For cutting cables Cu and Al Ø max 62 mm
Dimensions mm	
Length	297
Weight g	800

5116660250



TECHNICAL FEATURES

Cutting Capacity	For cutting cables Cu and Al Ø max 18 mm
Dimensions mm	
Length	600
Width	140
Weight kg	1,5

5116660500



TECHNICAL FEATURES

Cutting Capacity	For cutting cables Cu and Al Ø max 25,4 mm
Dimensions mm	
Length	800
Width	160
Weight kg	3,0

HAND TOOLS

KTS1632

for cutting and sealing flexible plastic conduit



TECHNICAL FEATURES

Dimensions mm	
Length	230
Width	58
Thickness	32
Weight kg	0,32

Cuts and seals flexible plastic conduit in a single operation. Lightweight and easy to operate. Suitable for flexible conduits from Ø16 to Ø32 mm.

for cutting plastic pipe

PC1



Body: die-cast aluminium alloy
Blade material: hardened Carbon Steel



TECHNICAL FEATURES

Dimensions mm	
Length	195
Width	96
Thickness	27
Weight kg	0,32

Plastic pipe cutting tool
Cutting capacity: Ø 6 to Ø 42 mm.

FRAME-TYPE HOLE PUNCHING TOOL

MT-FC48N

for cable trunking

Table denotes the punch/die set reference, for each hole size. Suitable for punching holes in mild steel, fibreglass or plastic material, up to 2 mm thick.

Hole Dimensions					Maximum thickness of mild steel (mm)	Type
Nominal		Pg	ISO	Inch		
Ø (mm)	Ø (inch)					
15,5	.610	Pg9	-	-	2	RD15.5SS-FC
16,2	.638	-	ISO-16	-		RD16.2SS-FC
17,5	.689	-	-	-		RD17.5SS-FC
18,8	.740	Pg11	-	-		RD18.8SS-FC
19,1	.752	-	-	-		RD19.1SS
20,5	.807	Pg 13,5	ISO-20	-		RD20.5SS
22,6	.890	Pg16	-	-		RD22.6SS
23,8	.937	-	-	5/8"		RD23.8SS
25,4	1.000	-	ISO-25	-		RD25.4SS
27,0	1.063	-	-	3/4"		RD27.0SS
28,5	1.122	Pg21	-	-		RD28.5SS
30,5	1.201	-	-	7/8"		RD30.5SS
31,8	1.252	-	-	-		RD31.8SS
32,5	1.279	-	ISO-32	-		RD32.5SS
34,6	1.362	-	-	-		RD34.6SS
37,2	1.464	Pg29	-	-		RD37.2SS
38,1	1.500	-	-	-		RD38.1SS
40,5	1.594	-	ISO-40	-		RD40.5SS-FC
41,3	1.626	-	-	-		RD41.3SS-FC
42,5	1.673	-	-	1 1/4"		RD42.5SS-FC
43,2	1.701	-	-	-		RD43.2SS-FC
44,5	1.752	-	-	-		RD44.5SS-FC
47,2	1.858	Pg36	-	-		RD47.2SS-FC



TECHNICAL FEATURES

Dimensions mm	
Length	251,5
Width	224
Thickness	66
Weight kg	3,28

Lightweight and easy to operate, designed for punching holes up to 47,2 mm diameter in the side wall of trunking without the need for pre drilling.



VAL-P30
Supplied in a robust plastic case.

for storing connecting material and hand tools



NEW VALSTAR-N0 (empty)

Robust plastic case with compartments

- **1 storage compartment** for mechanical tools, type Crimpstar® /ZKE-N/etc.
- **8 storage compartments** for connecting material

Dimensions (LxWxH): 340 x 274 x 71 mm
Weight: 698 g

Material included:

Q.ty	Cond. Size mm ²	Length mm	Color	Type
500	1	14	Yellow	PKC108
500	1.5	14	Red	PKC1508
500	2.5	14	Blue	PKC2508
200	4	18	Grey	PKC410
100	6	20	Black	PKC612
100	-	100 x 2,5	White	G100X2.5

Material included:

Q.ty	Cond. Size mm ²	Length mm	Color	Type
500	1	14	Red	PKE108
500	1.5	14	Black	PKE1508
500	2.5	14	Grey	PKE2508
200	4	18	Orange	PKE410
100	6	20	Green	PKE612
100	-	100 x 2,5	White	G100X2.5

Material included:

Q.ty	Cond. Size mm ²	Length mm	Color	Type
500	1	14	Red	PKD108
500	1.5	14	Black	PKD1508
500	2.5	14	Blue	PKD2508
200	4	18	Grey	PKD410
100	6	20	Yellow	PKD612
100	-	100 x 2,5	White	G100X2.5

Material included:

Q.ty	Cond. Size mm ²	Description	Type
100	0,25÷1,5	ring terminals	RF-M4
100	1,5÷2,5	ring terminals	BF-M5
100	4÷6	ring terminals	GF-M6
100	0,25÷1,5	female disconnect terminals	RF-F608P
100	1,5÷2,5	female disconnect terminals	BF-F608P
100	0,25÷1,5	butt connectors	PL03-M
		Length mm	
100		100 x 2,5	G100X2.5

Dies included:

Q.ty	Cond. Size mm ²	Description	Type
1	0,5÷16	Insulated and uninsulated end sleeves	KE16-WE
1	0,5÷6	Insulated connectors red, blue and yellow	RBY-WE



NEW VALSTAR-N1

Robust plastic case with compartments, containing:

- Tool type **ZKE610N**
- a selection of end sleeves PKC conductor size from 1 to 6 mm²
- Cable ties type G100X2.5

NEW VALSTAR-N2

Robust plastic case with compartments, containing:

- Tool type **ZKE610N**
- a selection of end sleeves PKE conductor size from 1 to 6 mm²
- Cable ties type G100X2.5

NEW VALSTAR-N3

Robust plastic case with compartments, containing:

- Tool type **ZKE610N**
- a selection of end sleeves PKD conductor size from 1 to 6 mm²
- Cable ties type G100X2.5



NEW VALSTAR-N4

Robust plastic case with compartments, containing:

- Tool type **Crimpstar® HP3**.
- An assortment of PVC insulated crimp terminals for conductor sizes from 0,25 to 6 mm².
- Cable ties

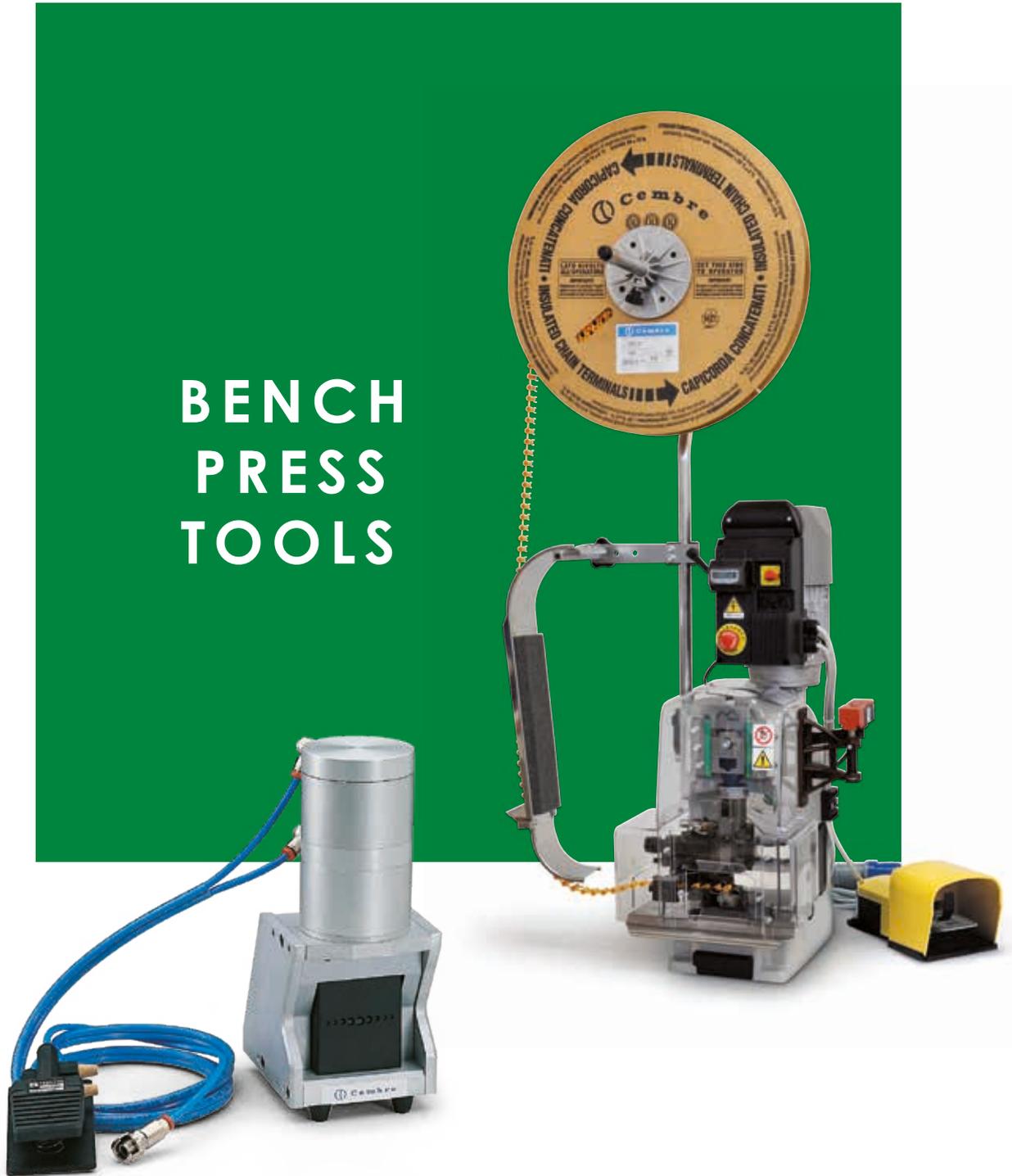


NEW VALSTAR-N5

Robust plastic case with compartments, containing:

- Tool type **HWE1N**
- KE16-WE die
- RBY-WE die

BENCH PRESS TOOLS



PNB-1

BENCH PRESS TOOL

Pneumo-hydraulic with interchangeable dies



Pneumo-hydraulic, production bench press, operated by a manual control, provides a consistent and reliable crimped connection. Extensive range of interchangeable dies available for crimping a wide variety of connectors.

NOTE: for applications not listed, please contact CEMBRE.



PNB-1 detail of the crimping zone with PU-1 guard.

TECHNICAL FEATURES

Nominal operating pressure	6 bar
Dimensions mm	
Width	180
Depth	320
Height	700
Weight kg (without dies)	23

INTERCHANGEABLE DIES (to be ordered separately)

Die Set	Guard*	Connector Type	Nominal Conductor Size sqmm			
PV-1	PU-1	Insulated Connectors	green	0,2÷0,5		
PR-1			red	0,25÷1,5		
PB-1			blue	1,5÷2,5		
PG-1			yellow	4÷6		
NEW PH1-1	PH-1**	Butt connectors PVC insulated	PL03-M	0,25÷1,5		
			PL06-M	1,5÷2,5		
			PL1-M	4÷6		
PH1-1	PH-1**	Through connectors PE HD insulated NL-M, NL-P connectors PA6.6 insulated		0,5÷6		
				0,25÷6		
KE0.75-1	PK-1	End Sleeves		0,3 - 0,5 - 0,75		
KE2.5-1				1 - 1,5 - 2,5		
KE10-1			KE, PK...	4 - 6 - 10		
MTT16-50	ME-1			16		
MTT25-50			25			
N1-1	PU-1	A 03-M.. S 1.5-.. RN-..		0,25 - 1,5		
		A 06-M.. S 2.5-.. BN-..		1,5 - 2,5		
		A 1-M.. S 6-.. GN-..		4 - 6		
ME1-50	ME-1	Uninsulated Copper Lugs	A1-M..	4 - 6		
ME2-50			A2-M.. S10-M..	10		
ME3-50			A3-M..	16		
ME5-50			A5-M..	25		
ME7-50			A7-M..	35		
ME9-50			A9-M..	50		
ME10-50			A10-M..	50		
ME12-50			A12-M..	50		
MS6-50			T6-M	4 - 6		
MS10-50			T10-M	10		
MS16-50	ME-1	Uninsulated Copper Lugs	T16-M	16		
MS25-50			T25-M	25		
MS35-50			T35-M	35		
MS50-50			T50-M	50		
MN2RF-50			MN RF-1	Polyamide Insulated Lugs	ANE2-M..	10
MN3RF-50					ANE3-M..	16
MN5RF-50					ANES-M..	25
MN7RF-50	ANE7-M..	35				
		ANE9-M..			35	

* Supplied as standard with the machine ** Supplied as standard with the die

BENCH PRESS TOOL

Pneumatic

PNB-3

TECHNICAL FEATURES

Nominal operating pressure	6±7 bar
Dimensions mm	
Width	130
Depth	370
Height	195
Weight kg	10,3



PNB-3P detail of the crimping zone.

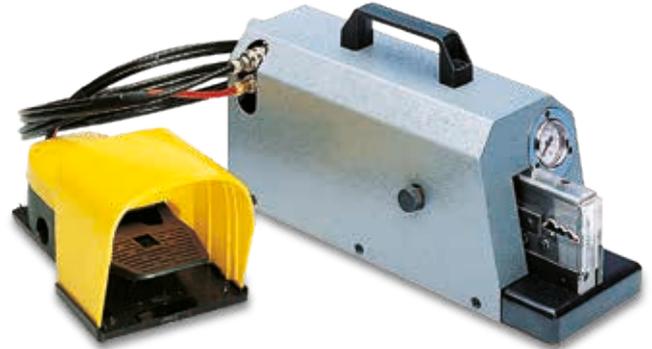
Pneumatic bench press operated by foot pedal for crimping terminals and connectors 0,25 to 16 sqmm.



BENCH PRESS RANGE

Type	Connector Type	Conductor Size sqmm
PNB-3P*	Insulated connectors red, blue and yellow	0,25÷6
PNB-3PD	Insulated terminals and butt connectors - frontal insertion	0,25÷6
PNB-3N1	Uninsulated terminals	0,25÷10
PNB-3N5	Uninsulated terminals	10÷16
PNB-3NN3	Polyamide insulated terminals	1,5÷10
PNB-3NN4	Polyamide insulated terminals	10÷16
PNB-3F/M	Bullet connectors	0,5÷2,5

* Will also crimp Polycarbonate fully-insulated terminals if fitted with PNB3F/M positioner, available as an optional accessory (Cod. 6240145)



BENCH PRESS TOOL

Pneumatic with multi-aperture die

PNB-4KE

TECHNICAL FEATURES

Nominal operating pressure	6 bar
Dimensions mm	
Width	120
Depth	160
Height	300
Weight kg	6



PNB-4KE detail of the crimping zone.

Pneumatic bench press, operated by a manual control.

Supplied with a multi-aperture die suitable for crimping insulated and uninsulated end sleeves from 0,3 to 10 sqmm.

Compact and efficient. Easy to operate, producing a secure and reliable crimped connection.



MULTI DIES

Type	Connector Type	Conductor Size sqmm
PNB-4KE	End Sleeves type PK... and type KE	0,3÷10



EPB-1N

ELECTRO-PNEUMATIC BENCH PRESS

automatic stripping / crimping machine for insulated end sleeves



Bench press type EPB-1N, electro-pneumatically operated, is designed for stripping and crimping insulated end sleeves CEMBRE type PKC, PKD and PKE.

The basic configuration processes connectors of c.s.a 0,5/0,75/1,0 and 1,5 mm² with a sleeve lengths of 6, 8, 10 and 12 mm.

Adapter kits are available:

KIT-2.5-EPB1N

for insulated end sleeves c.s.a 2,5 sqmm with a sleeve length of 8, 10 and 12 mm

KIT-4-EPB1N

for insulated end sleeves c.s.a 4,0 sqmm with a sleeve length of 10 mm

Stripping and crimping operations are carried out in quick succession. Adjustable loading speed of vibrating charger.

Quick and easy change of configuration for different connector sizes. Automatic adjustment of operating parameters to suit each configuration.

Modular structure and wear-free components guarantee excellent reliability.



TECHNICAL FEATURES

Crimping Range	0,5-1,5 mm ² (basic configuration)
Dimensions mm	
Length	390
Width	240
Height	490
Weight kg	29
Power Supply	230 V/50 Hz (110 V/60 Hz)
Current	0,5 A
Length of crimp	6, 8, 10 and 12 mm
Geometry of crimp	Trapezoidal
Cycle time	2 s
Compressed Air supply	Min. 4 - Max 6 bar
Air consumption	1,2 l/cycle
Cycle controller	Electro-pneumatic, with microprocessor
Counter	Digital



Adapter Kit for insulated end sleeves c.s.a 2,5 sqmm (KIT-2.5-EPB1N) (KIT-4-EPB1N)



PNEUMATIC CRIMPING TOOLS

Hand held - PNB series

PNB-6KE TECHNICAL FEATURES

Crimping Range	0,25 ÷ 2,5 sqmm / 24 ÷ 14AWG
Dimensions mm	
Length	190
Width Ø	44
Length with spiral hose	2 m
Weight g	450

PNB-7KE TECHNICAL FEATURES

Crimping Range	4 ÷ 10 sqmm / 12 ÷ 8AWG
Dimensions mm	
Length	190
Width Ø	44
Length with spiral hose	2 m
Weight g	450

PNB-6KE and PNB-7KE hand tools facilitate the rapid crimping of insulated end sleeves while avoiding the operator discomfort associated with ordinary manual tools. Lightweight and easy to use, these tools are ideal for panel building applications and component assembly.

Both tools are designed to be maintenance-free and need no routine calibration. A 4-6 bar air supply is required for connection via the quick coupler fitted to the hose supplied with the tool.



PNEUMATIC CRIMPING TOOLS

Bench mounted tools with foot pedal - PNB series

PNB-6KE-T TECHNICAL FEATURES

Crimping Range	0,25 ÷ 2,5 sqmm / 24 ÷ 14AWG
Dimensions mm	
Length	200
Width Ø	135
Height	75
Length with spiral hose	2 m
Weight g	1000

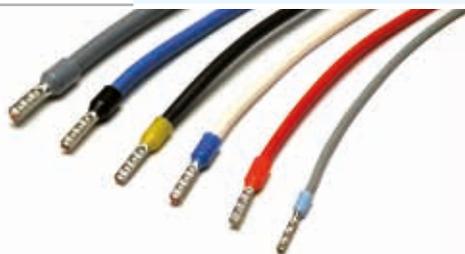
PNB-7KE-T TECHNICAL FEATURES

Crimping Range	4 ÷ 10 sqmm / 12 ÷ 8AWG
Dimensions mm	
Length	200
Width Ø	135
Height	75
Length with spiral hose	2 m
Weight g	1000

PNB-6KE-T and PNB-7KE-T have bench mounts with storage and are foot pedal operated to allow operators to have both hands free when assembling cable harnesses. Both tools are designed to be maintenance-free and need no routine calibration.



A 4-6 bar air supply is required for connection via the quick coupler fitted to the hose supplied with the tool.





Electro-pneumatic, production bench press, controlled by a foot operated pedal. Producing a consistent and reliable crimped connection. Interchangeable application heads available to suit the complete range of Polycarbonate insulated connectors.



TECHNICAL FEATURES

Crimping Range	Polycarbonate insulated chain terminals 0,25 ÷ 6 mm ² and insulated chain end sleeves 0,5 ÷ 2,5 mm ²
Dimensions mm	
Length	180
Depth	250
Height	620
Weight kg (without application heads)	41
Motor	
Supply Voltage	220 V
Frequency	50 Hz
Power	0,55 kW/0,75 HP
Speed	2.800 g/1'

INTERCHANGEABLE APPLICATION HEADS, SIDE ENTRY WITH PNEUMATIC FEED

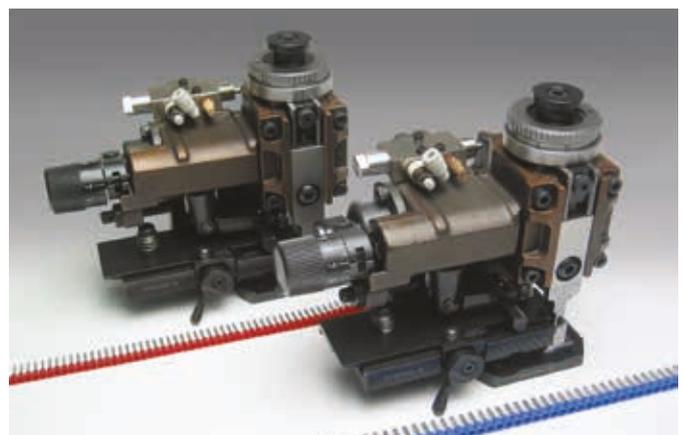
Type*	Connectors	Conductor Size sqmm
RA-3	Polycarbonate insulated chain terminals	0,25÷1,5
BA-3		1,5÷2,5
GA-3		4÷6
KE1A-3	Insulated chain end sleeves	0,3÷1
KE2.5A-3		1÷2,5

* order as required

See pages 12-13 and 20 for types and features of the insulated chain connectors and end sleeves.



Conforms to DIN Standard 46 228/4



PROFESSIONAL EQUIPMENT



SYMBOL DESCRIPTION

professional equipment



Can be operated with one hand



Special Steel frame for high resistance and a long life



Ergonomically designed with a sculptured body for operator comfort



Chrome Steel Tools



Lightweight and balanced for greater control



Chrome Vanadium Steel Tools



Dual-compound plastic handles
Greater safety and comfort in handling, thanks to the rubber inserts



Aluminum frame



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



ABS structure



Max cutting section



Luminous flux intensity



High hardness blades



Equipped with USB charging



Stainless steel blades



Equipped with wireless charging



High tensile steel blades



Equipped with magnetic support



Micro-serrated blades for anti-slip purpose



Equipped with power plug

SYMBOL DESCRIPTION

professional equipment



Equipped with dimmer switch



CE marking



Equipped with an ON / OFF motion sensor



UKCA marking



Can be used as an power bank



Operating temperature range



Degree of Protection



Lamp life in Front / Flashlight mode



Autonomy of the lamp at Maximum / Minimum intensity



The light can be tripod mounted



Control with App

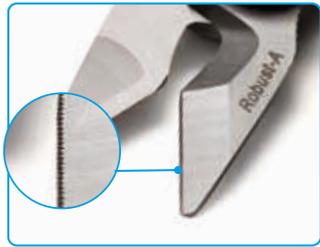


Robust-A

Professional scissors with a Special Steel frame for high resistance and long life.
 Ergonomic and dual-compound plastic handles: glass fibre reinforced Polyamide and inserts of soft Rubber.
 The anti-loosening pivot and bevelled profile allow the accurate and consistent alignment of the blades.
 High hardness blades (58 HRC) and an anti-slip serrated edge for making precise cuts even on more difficult materials.
 Shaped groove for cutting conductor up to 50 mm².

Supplied with carry case and swivel belt hook.

Special Steel frame for high resistance and a long life



Micro serrated blade



Anti-loosening pivot



Dual-compound material



Case with swivel belt hook

PROFESSIONAL SCISSORS SC6X

SC6X

For flexible conductors Cu-Al

Weighing only 86 grams these lightweight scissors feature tapered blades and ergonomically shaped handles to aid speed of operation and consistent results.

The design of the blades allows the scissors to be used in confined spaces and affords the user minimum effort when cutting conductors.

Handles have an integrated crimping system for end sleeves.

The anti-loosening pivot and bevelled profile allow the accurate and consistent alignment of the blades.

High hardness blades (58 HRC) and an anti-slip serrated edge for making precise cuts even on more difficult materials.

Shaped groove for cutting con-

ductor up to 50 mm².

Supplied with carry case and belt fastening system.

lightweight design only 86 grams

Agil-E



Eyelets aligned when handles in open position

Soft rubber inserts to maximise grip

Crimping system for end sleeves

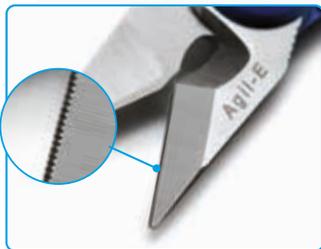
Shaped groove in each blade for easy cutting up to 50 mm²

Anti-slip serrated edge for making precise cuts even on more difficult materials

High hardness blades (58 HRC)

Anti-loosening pivot

Economically shaped hand grips



Micro serrated blade



Anti-loosening pivot



Dual-compound material



Case with belt fastening system

SC5X

PROFESSIONAL SCISSORS SC RANGE

For flexible conductors Cu-Al



Professional scissors with a Special Steel frame for high resistance and a long life.

Extremely lightweight and robust for safe, easy handling and comfort. Easy cutting of conductors upto 50 sqmm using the shaped grooves in each blade. Safe and easy operation even when wearing work gloves.

Main Features

Cutting Capacity for flexible conductors Cu - Al up to max section 50 sqmm

Dimensions mm

Length	162
Width	77
Height	18
Weight g	121



SC6X

PROFESSIONAL SCISSORS SC RANGE

For flexible conductors Cu-Al



Weighing only 86 grams these lightweight scissors feature tapered blades and ergonomically shaped handles to aid speed of operation and consistent results.

The design of the blades allows the scissors to be used in confined spaces and affords the user minimum effort when cutting conductors.

Handles have an integrated crimping system for end sleeves.

Main Features

Cutting Capacity for flexible conductors Cu - Al up to max section 50 sqmm

Dimensions mm

Length	153
Width	73,6
Height	18
Weight g	86



PROFESSIONAL SCISSORS SC RANGE

SC3X

For flexible conductors Cu-Al

Main Features

Cutting Capacity for flexible conductors Cu - Al
up to max section 35 sqmm

Dimensions mm

Length	150
Width	75
Height	20
Weight g	86

Multi-purpose scissors with high hardness blades (56 HRC) and anti slide serrations.

The moulded plastic handles combine a rigid structure with a softer material for finger comfort.

Cutting of flexible conductors up to 35 sqmm



PROFESSIONAL SCISSORS SC RANGE

SC1

For flexible conductors Cu-Al

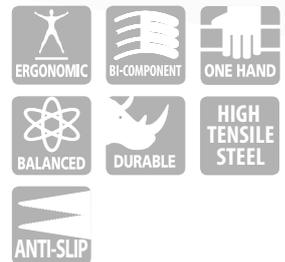
Main Features

Cutting Capacity for flexible conductors
Cu - Al

Dimensions mm

Length	145
Width	76
Height	17
Weight g	78

Electricians scissors with high tensile steel blades allowing for excellent strength and performance. Specially micro-serrated blades for anti-slip purpose. Handles are made from dual component materials.



CBL01



CBLIGHT

pocket torch

The handy CBL01 torch is the size of a pen and is equipped with a double light point to illuminate small work areas. The side light allows you to illuminate the area while leaving it in your pocket,

while the front light allows you to inspect less accessible areas. The clip is equipped with a magnet allowing it to be attached to any metal surface, freeing the operator's hands. Supplied with USB charging cable.

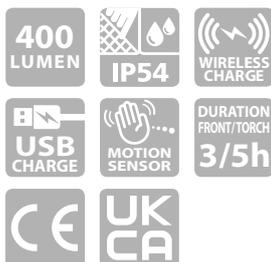
Pocket torch CBL01

Main Features

Type	Lumen Front / Flashlight	Duration Front / Flashlight	Energy Class	Magnetic Support	Charging Method	Degree of Protection	Operating Temperature Range °C	Body Material	Lamp Material	Dimensions mm	Weight g
CBL01	150/70	2.5/3.5 h	A++	Yes	USB	IP20	-10/+40	ABS	PC	160x15x20	38

CBL02-W

Tool Type	Plug Type	Supplied Battery Charger Type
CBL02-W	PLUG EU	ASC55-EU with EUROPEAN plug
CBL02-WE	PLUG UK	ASC55-UK with UK plug
CBL02-WA	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/CANADA plug



CBLIGHT

head torch

Ideal for any indoor or outdoor activity requiring localised lighting and freedom of action, the CBL02-W head torch

is equipped with a touch sensor allowing operation even while wearing gloves. The light intensity can be modulated via the dimmer function helping to preserve battery life.

The CBL02-W is a versatile head torch adjustable by means of an elastic band to fit work helmets of various sizes.

Supplied with USB charging cable and charger.

Head torch CBL02-W

Main Features

Type	Lumen Front / Flashlight	Duration Front / Flashlight	Energy Class	Magnetic Support	Charging Method	Degree of Protection	Operating Temperature Range °C	Body Material	Lamp Material	Dimensions mm	Weight g
CBL02-W	400/80	3/5 h	A++	No	USB/Wireless	IP54	-10/+40	ABS+PC	PC	78x39x36	105

CBL03-W

Tool Type	Plug Type	Supplied Battery Charger Type
CBL03-W	PLUG EU	ASC55-EU with EUROPEAN plug
CBL03-WE	PLUG UK	ASC55-UK with UK plug
CBL03-WA	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/CANADA plug



CBLIGHT

lampada multiuso

The CBL03-W multi-purpose lamp is a mini-lamp that can be used on a table or hung on metal surfaces thanks to the handy magnet or the suspension hook.

It is equipped with an ergonomic non-slip handle to make it easy to use.

The 2 light points with dimmer function allow you to modulate the intensity and battery life as needed. The compact design makes it ideal as a pocket lamp for storage in a jacket pocket or work trousers. Supplied with USB charging cable and charger.

Multi-purpose lamp CBL03-W

Main Features

Type	Lumen Front / Flashlight	Duration Front / Flashlight	Energy Class	Magnetic Support	Charging Method	Degree of Protection	Operating Temperature Range °C	Body Material	Lamp Material	Dimensions mm	Weight g
CBL03-W	300/100	3/6 h	A++	Yes	USB/Wireless	IP65	-10/+40	ABS	PC	133x68x25	190

CBLIGHT

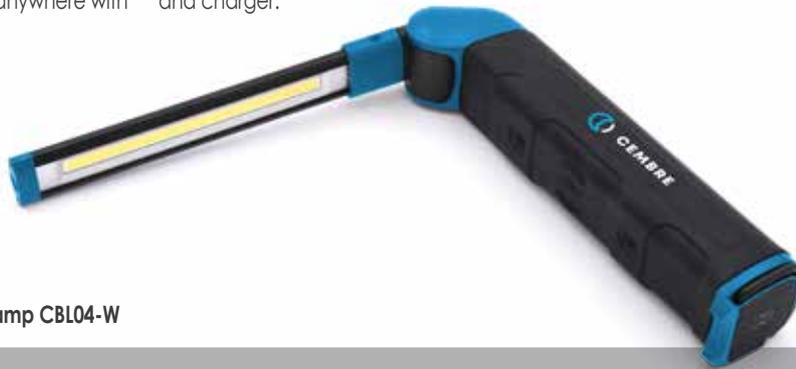
space-saving floor lamp

The most versatile of the family is the CBL04-W, which has a double light point, 2 dimmable light intensities, a rotatable and foldable stem and allows ideal lighting in all conditions.

The double magnetic support and the suspension hook allow the lamp to be secured anywhere with ease.

Designed to be easy to carry in a bag or trouser pocket while also offering excellent battery life and low weight portability.

The compact design ensures the CBL04-W is the ideal solution for inspecting difficult to reach areas. Supplied with USB charging cable and charger.



Space-saving floor lamp CBL04-W

Main Features

Type	Lumen Front / Flashlight	Duration Front / Flashlight	Energy Class	Magnetic Support	Charging Method	Degree of Protection	Operating Temperature Range °C	Body Material	Lamp Material	Dimensions mm	Weight g
CBL04-W	600/100	2.5/8 h	A++	Yes	USB/Wireless	IP54	-10/+40	ABS	PC	175 (325 max) x 44 x 38	246

CBL04-W

Tool Type	Plug Type	Supplied Battery Charger Type
CBL04-W	PLUG EU	ASC55-EU with EUROPEAN plug
CBL04-WE	PLUG UK	ASC55-UK with UK plug
CBL04-WA	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/CANADA plug



CBLIGHT

portable lamps

An ergonomic bi-component plastic handle makes the CBL05-W the most comfortable and robust lamp in the series, particularly suited to lengthy inspection work. Featuring two light points, dimmer function and a long battery life.

Equipped with magnetic table support with retractable suspension hook.

Supplied with USB charging cable and charger.



Portable lamps CBL05-W

Main Features

Type	Lumen Front / Flashlight	Duration Front / Flashlight	Energy Class	Magnetic Support	Charging Method	Degree of Protection	Operating Temperature Range °C	Body Material	Lamp Material	Dimensions mm	Weight g
CBL05-W	600/100	2.5/10 h	A++	Yes	USB/Wireless	IP65	-10/+40	PC	PC	205 x 55 x 40	300

CBL05-W

Tool Type	Plug Type	Supplied Battery Charger Type
CBL05-W	PLUG EU	ASC55-EU with EUROPEAN plug
CBL05-WE	PLUG UK	ASC55-UK with UK plug
CBL05-WA	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/CANADA plug



CBL06

Tool Type	Plug Type	Supplied Battery Charger Type
CBL06	PLUG EU	ASC55-EU with EUROPEAN plug
CBL06E	PLUG UK	ASC55-UK with UK plug
CBL06A	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/ CANADA plug

2000 LUMEN

MAGNETIC

IP65

USB CHARGE

POWER BANK

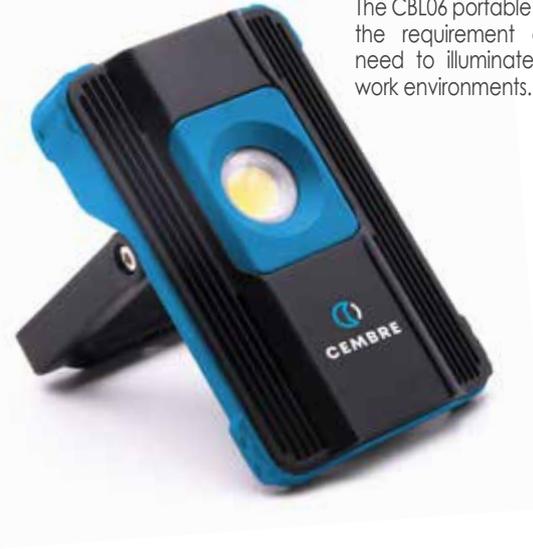
DURATION FRONT/TORCH 3.5/7h

CE

UK CA

CBLIGHT

portable spotlight for small-medium work environments



The CBL06 portable spotlight meets the requirement of those who need to illuminate small-medium work environments.

The magnetic table mount allows the spotlight to be secured to metal surfaces. The power bank function allows small devices to be charged via the USB output, useful for emergency situations. Supplied with USB charging cable and charger.

Portable spotlight for small-medium work environments CBL06

Main Features											
Type	Lumen Front / Flashlight	Duration Front / Flashlight	Energy Class	Magnetic Support	Charging Method	Degree of Protection	Operating Temperature Range °C	Body Material	Lamp Material	Dimensions mm	Weight g
CBL06	2000	3.5/7h	A++	Yes	USB	IP65	-10/+40	ABS	PC	195 x 125 x 48	800

CBL07

Tool Type	Plug Type	Supplied Battery Charger Type
CBL07	PLUG EU	ASC55-EU with EUROPEAN plug
CBL07E	PLUG UK	ASC55-UK with UK plug
CBL07A	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/ CANADA plug

3000 LUMEN

IP65

POWER BANK

POWER PLUG CHARGE

DURATION FRONT/TORCH 3/6h

CE

UK CA

CBLIGHT

portable spotlight for large work environments



The diffused light emitted by the CBL07 spotlight enables the illumination of large areas. Light, practical and sturdy, this spotlight is quick to install. The power bank function allows small devices to be charged via the USB output, useful for emergency situations. Supplied with charger.

Portable spotlight for large work environments CBL07

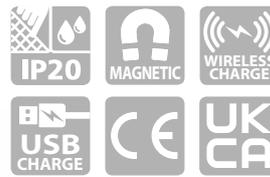
Main Features											
Type	Lumen	Duration	Energy Class	Magnetic Support	Charging Method	Degree of Protection	Operating Temperature Range °C	Body Material	Lamp Material	Dimensions mm	Weight g
CBL07	3000/1500	3/6h	A+	No	Power Plug	IP65	-10/+40	ABS	PC	277 x 213 x 86	1400

CBLIGHT

wireless charging bases

The BCB1-W and BCB2-W charging bases make it possible to keep the lamps fully charged meaning they are always ready for use. The magnetic construction allows quick attachment to metal surfaces along with holding the lamps in place during charging.

The BCB1-W single base is designed to recharge a single lamp. The BCB2-W allows 2 lamps to be charged at the same time. Supplied with USB charging cable and charger.



BCB2-W

BCB1-W

Wireless charging bases

Main Features

Type	Magnetic Support	Charging Method	Degree of Protection	Operating Temperature Range °C	Body Material	Dimensions mm	Weight g
BCB1-W	Yes	USB / Wireless	IP20	-10/+40	ABS	150 x 106 x 18 (single)	190
BCB2-W	Yes	USB / Wireless	IP20	-10/+40	ABS	202 x 106 x 18 (double)	270

BCB1-W BCB2-W

Tool Type	Plug Type	Supplied Battery Charger Type
BCB1-W	PLUG EU	ASC55-EU with EUROPEAN plug
BCB1-WE	PLUG UK	ASC55-UK with UK plug
BCB1-WA	PLUG USA/CA	ASC30-36-USA/CA (115V) with USA/CANADA plug
BCB2-W	PLUG EU	ASC55-EU with EUROPEAN plug
BCB2-WE	PLUG UK	ASC55-UK with UK plug
BCB2-WA	PLUG USA/CA	ASC30-36-USA/CA (115V) with USA/CANADA plug

CBLIGHT

extendable tripod

The TRCB2 tripod can be extended up to a maximum of 2.0 m, and offers maximum flexibility to position CBLIGHT lamps at the desired height.

When mounted on the tripod, the light can be tilted at will to provide the optimal beam angle.

Its robust structure makes it safe even when it is fully extended.



Type	Suitable for Lamp Type
TRCB2	CBL06 CBL07



Extendable tripod TRCB2

Main Features

Type	Body Material	Minimum height open mm	Max height open mm	Base Ø maximum mm	Dimensions Closed mm	Weight g
TRCB2	Steel	1130	2000	1000	1030 x 160	3200

TRCB2

CBL08HD



Compatible with the battery system **METABO/CAS**

CBLIGHT HD

multipurpose portable headlight

The powerful and compact CBL08HD work light is designed for professional use.

The headlight is equipped with the latest high COB LED technology performance and provides up to 2000 lumens.

Compatible with METABO/CAS 18V batteries, in alternative can be used with PSCB18-power supply EU for direct power providing unlimited availability of light.

Built-in dimmer function allows you to adjust the emission of light in five different levels.

Integrated power bank with USB socket for charging devices furniture.

The work light is supplied without battery, it can be supplied on request and available as an accessory (see page 191)



Multipurpose portable headlight CBL08HD

Main Features

Type	Lumen	Duration with CB1852L Battery at Intensity Max / Min	Compatible with Batteries METABO /CAS	Bluetooth	Powered with Type (available on request)	Degree of Protection	Degree of Protection Bumps	Operating Temperature Range °C	Body Material	Lamp Material	Dimensions mm	Weight g
CBL08HD	2000	5.75 / 58 h	Yes	No	CB1820L / CB1852L PSCB18-EU	IP30	IK07	-10/+40	AL	PC	161 x 164 x 78	720

CBL09HD



Bluetooth



Compatible with the battery system **METABO/CAS**

CBLIGHT HD

portable lighthouse for medium environments

The powerful and robust CBL09HD is equipped with the latest COB LED technology and provides up to 4000 lumens, which makes a all-round universal work beacon for the user more demanding professional.

Compatible with METABO/CAS 18V batteries, in alternative can be used with PSCB18-power supply EU for direct power providing unlimited availability of light.

CBL09HD also has an internal back-up battery that provides up to 2.5 hours more at 400 lumens.

With the easy-to-use BLUETOOTH control app, you have the ability

to control on/off and control up to four working lights via one device mobile.

Built-in dimmer function allows you to adjust the light output in five different levels. Integrated power bank with USB socket for charging mobile devices.

Equipped with an integrated carrying handle.

It can be mounted on a stand CEMBRE TRCB1.

The work light is supplied without battery, it can be supplied on request and available as an accessory (see page 191)



Portable lighthouse for medium environments CBL09HD

Main Features

Type	Lumen	Duration with CB1852L Battery at Intensity Max / Min	Compatible with Batteries METABO /CAS	Bluetooth	Powered with Type (available on request)	Degree of Protection	Degree of Protection Bumps	Operating Temperature Range °C	Body Material	Lamp Material	Dimensions mm	Weight Kg
CBL09HD	4000	3 / 31 h	Yes	Yes	CB1820L / CB1852L PSCB18-EU	IP65	IK07	-10/+40	AL	PC	263 x 230 x 119	2.35

CBLIGHT HD

portable lighthouse for large environments

The powerful and robust CBL10HD is equipped with the latest COB LED technology and provides up to 10,000 lumens, which makes a all-round universal work beacon for the user more demanding professional.

Compatible with METABO/CAS 18V batteries, in alternative can be used with PSCB18-power supply EU for direct power providing unlimited availability of light.



CBL10HD also has an internal back-up battery that provides up to 1 hour more at 1,000 lumens.

With the easy-to-use BLUETOOTH control app, you have the ability to control on/off and control up to four working lights via one device mobile.

Built-in dimmer function allows you to adjust the light output in five different levels. Integrated power bank with USB socket for charging mobile devices.

Equipped with an integrated carrying handle.

It can be mounted on a stand CEMBRE TRCB1.

The work light is supplied without battery, it can be supplied on request and available as an accessory (see page 191)



CBL10HD



Bluetooth®



Compatible with the battery system METABO/CAS

Portable lighthouse for large environments CBL10HD

Main Features

Type	Lumen	Duration with CB1852L Battery at Intensity Max / Min	Compatible with Batteries METABO /CAS	Bluetooth	Powered with Type (available on request)	Degree of Protection	Degree of Protection Bumps	Operating Temperature Range °C	Body Material	Lamp Material	Dimensions mm	Weight Kg
CBL10HD	10,000	1.25/ 12 h	Yes	Yes	CB1820L /CB1852L PSCB18-EU	IP65	IK07	-10/+40	AL	PC	304 x 292 x 131	3.72

CBLIGHT HD

360 degree portable light

CBL11HD provides scattered and uniform light at 360 degrees up to 10,000 lumen which is ideal for the professional requiring lighting that is powerful and efficient for the entire working area. It is ideal for any type of repair, painting or construction work.

Compact design with carrying handle makes it extremely handy and easy to move.



Switch lighting 360degree/180.

Compatible with METABO/CAS 18V batteries, in alternative can be used with PSCB18-power supply EU for direct power providing unlimited availability of light.

CBL11HD also has an internal back-up battery that provides up to 50 minutes more at 1,000 lumens.

With the easy-to-use BLUETOOTH control app, you have the possibility to control on/off and adjust the light output via a mobile device.

Built-in dimmer function allows you to adjust the light output in five different levels. Integrated power bank with USB socket for charging mobile devices.

Equipped with an integrated carrying handle.

It can be mounted on a stand CEMBRE TRCB1.

The work light is supplied without battery, it can be supplied on request and available as an accessory (see page 191)



CBL11HD



Bluetooth®



Compatible with the battery system METABO/CAS

360 degree portable light CBL11HD

Main Features

Type	Lumen	Duration with CB1852L Battery at Intensity Max / Min	Compatible with Batteries METABO /CAS	Bluetooth	Powered with Type (available on request)	Degree of Protection	Degree of Protection Bumps	Operating Temperature Range °C	Body Material	Lamp Material	Dimensions mm	Weight Kg
CBL11HD	10,000	1 / 22 h	Si	Si	CB1820L /CB1852L PSCB18-EU	IP65	IK07	-10/+40	AL	PC	395 x 200 x 212	3.7

CBL12HD



Compatible with the battery system **METABO/CAS**

CBLIGHT HD

tower lite

CBL12HD is a tripod with two integrated projectors capable of providing up to 5000 lumens. Equipped with flexible and rotatable 360° projectors, the lights can be positioned in different directions to get the angle of desired lighting, providing a perfect condition of lighting for every working need. It is extensible up to 2 meters and has 2 light levels (50-100%).

Compatible with METABO/CAS 18V batteries, in alternative can be used with PSCB18- EU power supply for direct power providing unlimited availability of light. Equipped with integrated handle and fast bending system, TOWER LITE is compact, lightweight and easy to carry. The work light is supplied without battery, it can be supplied on request and available as an accessory (see page 191)



Tower lite CBL12HD

Main Features

Type	Lumen	Duration with CB1852L Battery at Intensity Max / Min	Compatible with Batteries METABO /CAS	Bluetooth	Powered with Type (available on request)	Degree of Protection	Degree of Protection Bumps	Operating Temperature Range °C	Body Material	Lamp Material	Dimensions mm	Weight Kg
CBL12HD	5.000	2 / 4.5 h	Yes	No	CB1852L, PSCB18-EU	IP30	IK07	-10/+40	AL	PC	121 x 153 x 892	5.2

TRCB1



MAX 3m



CBLIGHT HD

tripod

The TRCB1 tripod is extendable by yourself 1.35 m up to a maximum of 3 m, and offers maximum flexibility to position the CBLIGHT HD lights at the desired height. When mounted on the tripod, the light can be tilted as desired to provide the optimal beam angle.

Its robust structure makes it safe even when it is fully extended. Comes with anchor points which offer greater stability if the tripod is exposed to strong wind or you located on an uneven surface.

Tripod TRCB1

Main Features

Type	Suitable for Lamp Type	Maximum load kg	Weight kg
TRCB1	CBLO9HD CBL10HD CBL11HD	10	6

MIN 1.35m



CBLIGHT HD

power supply

NEW



Power supply for CBLIGHT HD

Main Features

Type	Input Output	Suitable for Lamp Type	Degree of Protection	Degree of Protection Bumps	Operating Temperature Range °C	Dimensions mm	Weight kg
PSCB18-EU	100-240V AC 50/60Hz - 18V DC 5A	CBL08HD CBL09HD CBL10HD CBL11HD CBL12HD	IP65	IK07	-10/+40	124x83x72	1.0

PSCB18-EU

Tool Type	Plug Type
PSCB18-EU	with EUROPEAN plug
PSCB18-UK	with UK plug
PSCB18-USA/CA	with USA/CANADA plug

Power supply for direct power supply of portable lights of the series CEMBRE CBLIGHT HD.

CBLIGHT HD

accessories

ASC55-EU

ASC55-EU, charger
(INPUT 220-240 V / 50-60 Hz;
OUTPUT 12-42 V DC / 3.0 A max.)



CB1820L, battery
Li-Ion 18.0V 2.0Ah



CB1852L, battery
Li-Ion 18.0V 5.2Ah



CB1852L



MBCB-1D



DOUBLE MAGNET BRACKET

Extremely powerful magnetic bracket designed for flexible mounting and positioning of CBL09HD and CBL10HD on any metallic surface. The bracket has 2 extremely powerful magnets.

MAGNET BRACKET

Compact and very powerful magnetic bracket designed for flexible mounting and positioning of CBL09HD on any metallic surface.



SBCB-1

SCAFFOLDING BRACKET

Specially designed to fix CBL09HD and CBL10HD lamps on scaffoldings. The mount can be attached to any round object Ø40-50 mm.



insulated



55-59 HRC



To ensure quick identification, the type and size of the head are indicated in different colours on the back of the handle.

Each individual screwdriver is tested in accordance with EN 60900

The heads are made from Chromium Molybdenum steel with a hardness of 55-59 HRC and are hardened with Phosphoric Manganese Acid to increase corrosion resistance; the size of the insulating cover allows it to be inserted into tight spaces.



The CEMBRE range of insulated screwdrivers have dual compound handgrips and an ergonomic design making them particularly practical and comfortable in the

following modes of use:

- Normal
- Fast
- Forced

Blade type identification on the back of the handle

Narrow insulating cover to allow insertion into tight spaces

Chromium Molybdenum steel head with hardness 55-59 HRC and anti-corrosion surface treatment

Shaped blade for greater resistance and stability

Soft and durable hand guard

Ergonomic and shaped hand grip

Coating in dual compound plastic material with soft rubber inserts



Head type identification codes:

- White - Flat head
- Yellow - "Phillips" cross head
- Green - "Poizdriv" cross head
- Red - "Phillips" combination head
- Blue - "Poizdriv" combination head
- Orange - "Torx" six point star head



Steel tips



Ergonomic handle



Hand guard



Attachment hole

insulated



Flat head screwdrivers



Main Features

Type	Head Dimensions mm		Blade Length mm	Total Length mm	Weight g
	Width	Thickness			
SDC3X100-KV	3	0,5	100	185	32
SDC3.5X100-KV	3,5	0,6	100	185	35
SDC4X100-KV	4	0,8	100	205	58
SDC5.5X125-KV	5,5	1,0	125	230	78
SDC6.5X150-KV	6,5	1,2	150	265	115
SDC8X175-KV	8	1,2	175	298	181

PH Phillips cross head screwdrivers



Main Features

Type	Head Dimensions mm		Total Length mm	Weight g
	Size	Blade Length		
SDC0PH-KV	PH0	60	145	29
SDC1PH-KV	PH1	80	188	64
SDC2PH-KV	PH2	100	215	94

PZ Pozidriv cross head screwdrivers



Main Features

Type	Head Dimensions mm		Total Length mm	Weight g
	Size	Blade Length		
SDC0PZ-KV	PZ0	60	145	29
SDC1PZ-KV	PZ1	80	188	64
SDC2PZ-KV	PZ2	100	215	94

PHSL Phillips combination head screwdrivers



Main Features

Type	Head Dimensions mm		Total Length mm	Weight g
	Size	Blade Length		
SDC1PH-SL-KV	PH1 SL	80	188	65
SDC2PH-SL-KV	PH2 SL	100	215	94

PZSL Pozidriv combination head screwdrivers



Main Features

Type	Head Dimensions mm		Total Length mm	Weight g
	Size	Blade Length		
SDC1PZ-SL-KV	PZ1 SL	80	188	65
SDC2PZ-SL-KV	PZ2 SL	100	215	94

TORX six point star head screwdrivers



Main Features

Type	Head Dimensions mm		Total Length mm	Weight g
	Size	Blade Length		
SDC10TX-KV	TX10	80	185	60
SDC15TX-KV	TX15	80	185	63
SDC20TX-KV	TX20	100	205	68
SDC25TX-KV	TX25	100	205	73
SDC30TX-KV	TX30	115	230	100
SDC40TX-KV	TX40	130	245	118

Flat head screwdriver with mains tester



Main Features

Type	Head Dimensions mm		Total Length mm	Weight g
	Head Size	Length		
SDC3X60-PD	3	65	153	34

A fully functioning flat head screwdriver with a completely transparent handle allowing visibility of the indicator from any angle, ensuring high safety.

- Transparent handle
- High quality head
- Ergonomic design
- Pocket clip with spring



Screwdriver with 45° angled flat head



Main Features

Type	Head Dimensions mm		Blade Length mm	Total Length mm	Weight g
	Width	Thickness			
SDC2.5X55B	2,5	0,55	55	143	28
SDC3.5X55B	3,5	0,55	55	143	29

Screwdriver with angled head, ideal for terminals, sensors and actuators.



Flat head stubby screwdriver



Main Features

Type	Head Dimensions mm		Blade Length mm	Total Length mm	Weight g
	Width	Thickness			
SDCS2.5X55	5,5	2,5	25	75	37



Phillips cross head stubby screwdriver PH



Main Features

Type	Head Dimensions mm		Total Length mm	Weight g
	Size	Blade Length		
SDCS1PH	PH1	25	75	38



Set of 7 Screwdrivers - KSDC7-KV



Main Features

Set consists of: Type	Head Dimensions mm		Total Length mm	Weight g
	Size	Length		
SDC3X100-KV	3	100	185	32
SDC4X100-KV	4	100	205	58
SDC5.5X125-KV	5,5	125	230	78
SDC6.5X150-KV	6,5	150	265	115
SDC0PH-KV	PH0	60	145	29
SDC1PH-KV	PH1	80	188	64
SDC2PH-KV	PH2	100	215	94



PROFESSIONAL HEX SOCKET SCREWDRIVERS

SDC

with reduced shank diameter

Hex socket screwdrivers with reduced shank diameter



Main Features

Type	Head Dimensions mm	Blade Length mm	Total Length mm	Weight g
SDC7X125-HEX	7	125	243	97
SDC8X125-HEX	8	125	243	114
SDC9X125-HEX	9	125	243	132
SDC10X125-HEX	10	125	243	152

- Ergonomic handgrip for comfortable use without strain.
- Reduced external shank diameter allows the tool to be used in narrow spaces (relays and switches).
- Deep point socket ideal for long threads.
- Hexagonal lever point facilitates extra force without strain.
- Standards: ISO 6750 - ISO 2236



Deep point socket



Hexagonal lever point

Reduced shank diameter



UNIVERSAL KEY UKC4

UKC

for switchboards

Universal key for switchboards UKC4

Main Features

Type	Dimensions mm			Weight g
	Length	Width	Height	
UKC4	72	72	14	92

- Universal key for switchboards
 Equipped with:
 Triangular shape 7-8 mm
 Double notch 3-5 mm
 Square shape 5-6, 7-8 mm
 Screwdriver bit and hexagonal holder



UPC-KV
TR-KV
SPC-KV
WPC-KV

PROFESSIONAL PLIERS

insulated



As for all CEMBRE insulated tools, each individual pair of pliers is tested in accordance with EN 60900

The design of CEMBRE insulated pliers and the use of dual-compound plastic material in the handle cover optimise the distribution of the force over the entire surface in contact with the palm of the hand.

This leads to:

- A reduction of the effort applied
- A greater transmitted force
- Safer grip
- Prevention of injury to the fingers between the handles



Special steel structure particularly resistant, cutting hard wire

Chrome finish

Soft and resistant hand guard

Particularly soft articulated joint

Soft Rubber inserts

Strong and long lasting grip zone

Extra-long cutting edge and large recess for wide cables

Shaped and ergonomic hand grip

Insulated handles covered in dual-compound plastic material

Wide and safe hand guard



Soft articulated joint



Ergonomic hand grip



Gripping and cutting edges



PROFESSIONAL PLIERS

insulated

UPC-KV
TR-KV
SPC-KV
WPC-KV



UPC Universal pliers

Main Features

Type	Total Length mm	Head Dimensions mm		Weight g
		Width	Thickness	
UPC180-KV	180	27	11	287
UPC200-KV	200	32	11,6	381

TR Nippers

Main Features

Type	Total Length mm	Head Dimensions mm		Weight g
		Width	Thickness	
TR160-KV	160	19	10	229

TR Heavy duty nippers

Main Features

Type	Total Length mm	Head Dimensions mm		Weight g
		Width	Thickness	
TR200-KV	200	30	13	306

SPC Straight nose pliers

Main Features

Type	Total Length mm	Head Dimensions mm		Weight g
		Width	Thickness	
SPC200-KV	200	21,5	10,7	257

SPC 45° nose pliers

Main Features

Type	Total Length mm	Head Dimensions mm		Weight g
		Width	Thickness	
SPC200B-KV	200	21,5	10,7	261

WPC Pipe grips

Main Features

Type	Total Length mm	Head Dimensions mm		Weight g
		Width	Thickness	
WPC250-KV	250	29	7,7	380

WSC Wire stripper

Main Features

Type	Total Length mm	Head Dimensions mm		Weight g
		Width	Thickness	
WSC180-KV	180	21,7	9,5	240

For insulated cables from 0,75 to 6 mm²



CEMBRE offers a range of tool holders designed to provide professional users with practical and neat ways to optimise their time and working conditions.

Bag CTSB1

Main Features

Type	Dimensions mm			Weight kg
	Length	Width	Height	
CTSB1	420	250	340	3

Practical tool bag in robust fabric, with 2 separate compartments to neatly arrange hand tools. Additional equipment may be accommodated via handy hooks and external pockets while documents are safely stored inside. A shoulder strap and sturdy metal handle make it easy to carry.



Leave your footprint!

Logo max dimensions	
Length mm	Height mm
100	100

Your logo here



bag kit CTSB1-1

Main Features

Type	Dimensions mm			Kit Weight kg
	Length	Width	Height	
KIT-CTSB1-1	420	250	340	5,6

CTSB1 equipped with selection of tools.

Tools contained in the kit:

Qty	Type	Description
1	SC5X	scissors SC5X
1	SDC3X60-PD	mains tester
1	SDC3X100-KV	screwdriver 3x100
1	SDC3.5X100-KV	screwdriver 3,5x100
1	SDC4X100-KV	screwdriver 4x100
1	SDC5.5X125-KV	screwdriver 5,5x125
1	SDC1PH-KV	screwdriver ph1
1	SDC2PH-KV	screwdriver ph2
1	SDC1PZ-KV	screwdriver pz1
1	SDC2PZ-KV	screwdriver pz2
1	UPC180-KV	pliers 180 mm
1	FLS3	measuring tape 3m
1	KAK9	allen keys
1	HB18	retractable cutter
1	HKS6	pocket hacksaw
1	LVL150	level 150 mm
1	HMR300	hammer



bag kit KIT-CTSB1-3

Main Features

Type	Dimensions mm			Kit Weight kg
	Length	Width	Height	
KIT-CTSB1-3	420	250	340	6,8

CTSB1 equipped with selection of tools.

Tools contained in the kit:

Qty	Type	Description
1	SC5X	scissors SC5X
1	SDC3X60-PD	mains tester
1	SDC3X100-KV	screwdriver 3x100
1	SDC3.5X100-KV	screwdriver 3,5x100
1	SDC4X100-KV	screwdriver 4x100
1	SDC5.5X125-KV	screwdriver 5,5x125
1	SDC1PH-KV	screwdriver ph1
1	SDC2PH-KV	screwdriver ph2
1	SDC1PZ-KV	screwdriver pz1
1	SDC2PZ-KV	screwdriver pz2
1	UPC180-KV	pliers 180 mm
1	TR160-KV	nippers 160 mm
1	PTS4	wire stripper 0,2-6 mm ²
1	FLS5	measuring tape 5 m
1	KAK9	allen keys
1	KRK4	spanners with ratchet
1	UKC4	universal key
1	HB18	retractable cutter
1	HKS6	pocket hacksaw
1	LVL150	level 150 mm
1	HMR300	hammer





Backpack CTBP1

Main Features

Type	Dimensions mm			Weight kg
	Length	Width	Height	
CTBP1	360	110	540	3,1

Practical tool backpack in sturdy fabric, with reinforced non-slip rubber bottom. Equipped with internal and external pockets to arrange the manual tools in a rational way, and a PC pocket. Thanks to the practical front opening and the different compartments, it is possible to insert documents and different equipment. The sturdy rubber handle and comfortable padded shoulder straps make it easy to carry.



Your logo here

Leave your footprint!

Logo max dimensions

Length mm	Height mm
60	80



Backpack kit CTBP1-1

Main Features

Type	Dimensions mm			Peso Kit kg
	Length	Width	Height	
KIT-CTBP1-1	360	110	540	4,1

CTBP1 equipped with selection of tools.

Tools contained in the kit:

Qty	Type	Description
1	SC5X	scissors SC5X
1	SDC3X60-PD	mains tester
1	SDC3X100-KV	screwdriver 3x100
1	SDC3.5X100-KV	screwdriver 3,5x100
1	SDC4X100-KV	screwdriver 4x100
1	SDC5.5X125-KV	screwdriver 5,5x125
1	SDC1PH-KV	screwdriver ph1
1	SDC2PH-KV	screwdriver ph2
1	UPC180-KV	pliers 180 mm
1	HKS6	pocket hacksaw





ABS case VAL-GPTP

Main Features

Type	Dimensions mm			Weight kg
	Length	Width	Height	
VAL-GPTP	453	332	190	4,0

Suitcase made of high thickness thermoformed ABS, complete with two tool panels with elastic bands for containing any tool and internal document / tablet pocket. Thermoformed bottom with adjustable dividers. Sturdy aluminum profile with 2 side locks with key. Lid equipped with a stop to limit 90 ° opening and ergonomic handle.





ABS case kit VAL-GTP-1

Main Features

Type	Dimensions mm			Kit Weight kg
	Length	Width	Height	
KIT-VAL-GTP-1	453	332	190	6,6

Case VAL-GTP equipped with selection of tools.

Tools contained in the kit:

Qty	Type	Description
1	SC5X	scissors SC5X
1	SDC3X60-PD	mains tester
1	SDC3X100-KV	screwdriver 3x100
1	SDC3.5X100-KV	screwdriver 3,5x100
1	SDC4X100-KV	screwdriver 4x100
1	SDC5.5X125-KV	screwdriver 5,5x125
1	SDC1PH-KV	screwdriver ph1
1	SDC2PH-KV	screwdriver ph2
1	SDC1PZ-KV	screwdriver pz1
1	SDC2PZ-KV	screwdriver pz2
1	UPC180-KV	pliers 180 mm
1	FLS3	measuring tape 3m
1	KAK9	allen keys
1	HB18	retractable cutter
1	HKS6	pocket hacksaw
1	LVL150	level 150 mm
1	HMR300	hammer

ABS case kit VAL-GTP-2

Main Features

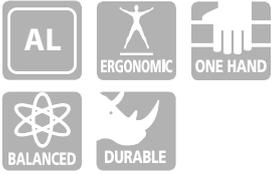
Type	Dimensions mm			Kit Weight kg
	Length	Width	Height	
KIT-VAL-GTP-2	453	332	190	8,2

Case VAL-GTP equipped with selection of tools.



Tools contained in the kit:

Qty	Type	Description
1	SC5X	scissors SC5X
1	SDC3X60-PD	mains tester
1	SDC3X100-KV	screwdriver 3x100
1	SDC3.5X100-KV	screwdriver 3,5x100
1	SDC4X100-KV	screwdriver 4x100
1	SDC5.5X125-KV	screwdriver 5,5x125
1	SDC1PH-KV	screwdriver ph1
1	SDC2PH-KV	screwdriver ph2
1	SDC1PZ-KV	screwdriver pz1
1	SDC2PZ-KV	screwdriver pz2
1	UPC180-KV	pliers 180 mm
1	TR160-KV	nippers 160 mm
1	PTS4	wire stripper 0.2-6 mm ²
1	FLS5	measuring tape 5 m
1	KAK9	allen keys
1	KRK4	spanners with ratchet
1	UKC4	universal key
1	HB18	retractable cutter
1	HKS6	pocket hacksaw
1	LVL150	level 150 mm
1	HMR300	hammer



Case VAL-GPTA-N

Main Features

Type	Dimensions mm			Weight Kg
	Length	Width	Height	
VAL-GPTA-N	470	360	185	4,8

Aluminium case containing two panels with elastic tool holders and an internal pocket for holding documents or a tablet. Thermoformed base with modular dividers. Fitted with an ergonomic carrying handle and a hinged lid with stop to limit the opening to 90°. Equipped with shoulder strap.





Case Kit VAL-GPTA-1

Main Features

Type	Dimensions mm			Kit Weight kg
	Length	Width	Height	
KIT-VAL-GPTA-1	470	360	185	7,4

Case VAL-GPTA-N equipped with selection of tools.

Tools contained in the kit:

Qty	Type	Description
1	SC5X	scissors SC5X
1	SDC3X60-PD	mains tester
1	SDC3X100-KV	screwdriver 3x100
1	SDC3.5X100-KV	screwdriver 3,5x100
1	SDC4X100-KV	screwdriver 4x100
1	SDC5.5X125-KV	screwdriver 5,5x125
1	SDC1PH-KV	screwdriver ph1
1	SDC2PH-KV	screwdriver ph2
1	SDC1PZ-KV	screwdriver pz1
1	SDC2PZ-KV	screwdriver pz2
1	UPC180-KV	pliers 180 mm
1	FLS3	measuring tape 3m
1	KAK9	allen keys
1	HB18	retractable cutter
1	HKS6	pocket hacksaw
1	LVL150	level 150 mm
1	HMR300	hammer

Case Kit VAL-GPTA-2

Main Features

Type	Dimensions mm			Kit Weight kg
	Length	Width	Height	
KIT-VAL-GPTA-2	470	360	185	9,6

Case VAL-GPTA-N equipped with selection of tools.

Tools contained in the kit:

Qty	Type	Description
1	SC5X	scissors SC5X
1	SDC3X60-PD	mains tester
1	SDC3X100-KV	screwdriver 3x100
1	SDC3.5X100-KV	screwdriver 3,5x100
1	SDC4X100-KV	screwdriver 4x100
1	SDC5.5X125-KV	screwdriver 5,5x125
1	SDC1PH-KV	screwdriver ph1
1	SDC2PH-KV	screwdriver ph2
1	SDC1PZ-KV	screwdriver pz1
1	SDC2PZ-KV	screwdriver pz2
1	UPC180-KV	pliers 180 mm
1	TR160-KV	nippers 160 mm
1	PTS4	wire stripper 0.2-6 mm ²
1	FLS5	measuring tape 5 m
1	KAK9	allen keys
1	KRK4	spanners with ratchet
1	UKC4	universal key
1	HB18	retractable cutter
1	HKS6	pocket hacksaw
1	LVL150	level 150 mm
1	HMR300	hammer





Trolley TRL02

Main Features

Type	Dimensions mm				Weight kg
	Length	Width	Closed handle height	Open handle height	
TRL02	480	250	400	1023	4,3

Practical trolley mounted tool bag made of robust fabric, with 2 separate internal compartments to neatly arrange hand tools. Easy front opening access and handy hooks, external pockets providing additional space and a document pouch on the inside of the lid.



Leave your footprint!

Logo max dimensions

Length mm	Height mm
200	120

Your logo here





Trolley Kit TRLO2-1

Main Features

Type	Dimensions mm				Weight Kit kg
	Length	Width	Closed handle height	Open handle height	
KIT-TRL02-1	480	250	400	1023	6,8

Trolley TRLO2 equipped with selection of tools.

Tools contained in the kit:

Qty	Type	Description
1	SC5X	scissors SC5X
1	SDC3X60-PD	mains tester
1	SDC3X100-KV	screwdriver 3x100
1	SDC3.5X100-KV	screwdriver 3,5x100
1	SDC4X100-KV	screwdriver 4x100
1	SDC5.5X125-KV	screwdriver 5,5x125
1	SDC1PH-KV	screwdriver ph1
1	SDC2PH-KV	screwdriver ph2
1	SDC1PZ-KV	screwdriver pz1
1	SDC2PZ-KV	screwdriver pz2
1	UPC180-KV	pliers 180 mm
1	FLS3	measuring tape 3m
1	KAK9	allen keys
1	HB18	retractable cutter
1	HKS6	pocket hacksaw
1	LVL150	level 150 mm
1	HMR300	hammer

Trolley Kit TRLO2-2

Main Features

Type	Dimensions mm				Weight Kit kg
	Length	Width	Closed handle height	Open handle height	
KIT-TRL02-2	480	250	400	1023	8,0

Trolley TRLO2 equipped with selection of tools.

Tools contained in the kit:

Qty	Type	Description
1	SC5X	scissors SC5X
1	SDC3X60-PD	mains tester
1	SDC3X100-KV	screwdriver 3x100
1	SDC3.5X100-KV	screwdriver 3,5x100
1	SDC4X100-KV	screwdriver 4x100
1	SDC5.5X125-KV	screwdriver 5,5x125
1	SDC1PH-KV	screwdriver ph1
1	SDC2PH-KV	screwdriver ph2
1	SDC1PZ-KV	screwdriver pz1
1	SDC2PZ-KV	screwdriver pz2
1	UPC180-KV	pliers 180 mm
1	TR160-KV	nippers 160 mm
1	PTS4	wire stripper 0.2-6 mm ²
1	FLS5	measuring tape 5 m
1	KAK9	allen keys
1	KRK4	spanners with ratchet
1	UKC4	universal key
1	HB18	retractable cutter
1	HKS6	pocket hacksaw
1	LVL150	level 150 mm
1	HMR300	hammer



VAL-GPT KIT-VAL-GPT

PROFESSIONAL TOOL HOLDERS

hard line



Chest VAL-GPT

Main Features

Type	Dimensions mm			Weight kg
	Length	Width	Height	
VAL-GPT	557	230	245	3,7

Plastic tool chest with small parts holder on the lid; Removable internal tool tray. Metal latches; Aluminium handle and padlock facility. Sufficiently robust to be used as a step when closed. Stackable with other VAL GPT tool chests.



Chest Kit VAL-GPT-1

Main Features

Type	Dimensions mm			Weight Kit kg
	Length	Width	Height	
KIT-VAL-GPT-1	557	230	245	5,48

VAL GPT equipped with selection of tools

Tools contained in the kit:

Qty	Type	Description
1	SC5X	scissors SC5X
1	SDC3X60-PD	mains tester
1	SDC3.5X100-KV	screwdriver 3,5x100
1	SDC4X100-KV	screwdriver 4x100
1	SDC5.5X125-KV	screwdriver 5,5x125
1	SDC6.5X150-KV	screwdriver 6,5x150
1	SDC1PH-KV	screwdriver ph1
1	SDC2PH-KV	screwdriver ph2
1	TR160KV	nippers 160mm
1	FLS3	measuring tape 3m
1	HB18	retractable cutter
1	HKS6	pocket hacksaw
1	LVL150	level 150 mm
1	HMR300	hammer



PROFESSIONAL TOOL HOLDERS

pouch

CTBB1 KIT-CTBB1



Pouch CTBB1

Main Features

Type	Dimensions mm			Weight g
	Length	Width	Height	
CTBB1	230	150	50	84

Made from soft and strong fabric, equipped with a fast stud belt fastening. It has handy preformed compartments for holding pliers, scissors and screwdrivers.

Leave your footprint!

Logo max dimensions

Length mm	Height mm
35	35



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With SC5X scissor

Robust-A



Pouch Kit CTBB1-1

Main Features

Type	Dimensions mm			Weight Kit g
	Length	Width	Height	
KIT-CTBB1-1	230	150	50	477

CTBB1 equipped with selection of tools.

Tools contained in the kit:

Qty	Type	Description
1	SC5X	scissors SC5X
1	SDC3X100-KV	screwdriver 3x100
1	SDC3.5X100-KV	screwdriver 3,5x100
1	SDC4X100-KV	screwdriver 4x100
1	SDC1PH-KV	screwdriver ph1
1	SDC2PH-KV	screwdriver ph2

Pouch Kit CTBB1-5

Main Features

Type	Dimensions mm			Weight Kit g
	Length	Width	Height	
KIT-CTBB1-5	230	150	50	442

CTBB1 equipped with selection of tools.

Tools contained in the kit:

Qty	Type	Description
1	SC5X	scissors SC5X
1	SDC3X100-KV	screwdriver 3x100
1	SDC3.5X100-KV	screwdriver 3,5x100
1	SDC4X100-KV	screwdriver 4x100
1	SDC1PH-KV	screwdriver ph1
1	SDC2PH-KV	screwdriver ph2

With SC6X scissor

Agil-E

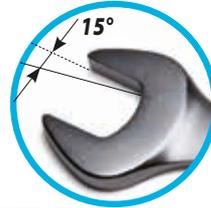




CW Combination Spanners

Main Features

Type	Hex mm	Open width mm	Ring width mm	Open thickness mm	Ring thickness mm	Total Length mm	Weight g
CW60	6	16	10	4	5	110	15
CW70	7	17	11	4	5	120	19
CW80	8	19	13	4	6	130	24
CW100	10	23	16	5	7	150	35
CW110	11	26	17	5	7	160	47
CW130	13	30	20	6	8	180	68
CW140	14	32	21	6	9	190	79
CW150	15	34	23	6	10	200	89
CW170	17	37	26	7	10	220	124
CW180	18	39	27	7	11	230	149
CW190	19	41	28	7	11	240	166
CW220	22	47	32	8	13	270	227
CW240	24	51	35	8	14	290	293
CW270	27	56	39	9	15	320	374
CW300	30	62	43	10	15	350	475
CW320	32	66	46	10	16	370	580



- Chromium-vanadium steel tools
- Satin chrome finish.
- Ring head with 12 grip points, offset with respect to the handle to enable use in narrow spaces
- Open head tilted at 15° to reduce effort applied
- Standards: UNI ISO 3318 - ISO 7738 - DIN 3113



PROFESSIONAL SPANNERS

in Chromium-vanadium steel

KCW



KCW12



KCW12 Combination Spanner Set

Main Features

Type	Dimensions kit mm			Weight g
	Length	Width	Height	
KCW12	460	362	65	1140

Set includes:

KCW12:

CW60 - CW70 - CW80 - CW100 - CW110
 CW130 - CW140 - CW150 - CW170 - CW180
 CW190 - CW220

Type	mm
CW60	6
CW70	7
CW80	8
CW100	10
CW110	11
CW130	13
CW140	14
CW150	15
CW170	17
CW180	18
CW190	19
CW220	22

KCW16 Combination Spanner Set

Main Features

Type	Dimensions kit mm			Weight g
	Length	Width	Height	
KCW16	712	480	80	3250

Set includes:

KCW16:

CW60 - CW70 - CW80 - CW100 - CW110
 CW130 - CW140 - CW150 - CW170 - CW180
 CW190 - CW220 - CW240 - CW270 - CW300 - CW320

Type	mm
CW60	6
CW70	7
CW80	8
CW100	10
CW110	11
CW130	13
CW140	14
CW150	15
CW170	17
CW180	18
CW190	19
CW220	22
CW240	24
CW270	27
CW300	30
CW320	32

KCW16





Combination spanners with jointed ratchet head KRK4

Main Features

Type	Dimensions kit mm			Weight g
	Length	Width	Height	
KRK4	335	190	18	390

- Sizes included: 8-10-13-17 mm
- Chromium-vanadium steel
- 180° swivel head
- Ratchet mechanism with 72 teeth and recovery angle of 5°.

Socket set 1/4" drive KRS47

Main Features

Type	Dimensions kit mm			Weight g
	Length	Width	Height	
KRS47	285	136	44	1655

- Standards: UNI ISO 3315 - DIN 3122

Metal case contains:

Qty	description
1	reversible ratchet wrench with socket retention system
2	extensions
1	articulated joint
1	T bar with sliding handle
1	screwdriver style holder
13	sockets 4 to 14 mm
4	extended sockets 8 to 13 mm
3	screwdriver sockets 4 to 6.5 mm
3	screwdriver sockets PH1, PH2, PH3
3	screwdriver sockets PZ1, PZ2, PZ3
6	hex socket spanners 3 to 8 mm
3	hex Allen keys 1.5 to 5 mm
6	torx socket keys T10 to T40



PROFESSIONAL TORQUE WRENCHES

in Chromium-vanadium steel

TWC

CEMBRE professional reversible torque wrench range TWC will provide optimum torque setting when the threaded fastenings are paired with the same size sockets.

Correct tightening of threaded fastenings prevents:

- thread damage in case of high loading
- unintentional loosening in case of low loading



TWC10.50-14 Torque Wrench

Main Features

Type	Dimensions mm			Weight g
	Length	Width	Head Width	
TWC10.50-14	328	35	28	660

- Adjustment range Nm: 10-50
- Drive size in.: 1/4



TWC20.100-38 Torque Wrench

Main Features

Type	Dimensions mm			Weight g
	Length	Width	Head Width	
TWC20.100-38	435	45	35	1300

- Adjustment range Nm: 20-100
- Drive size in.: 3/8

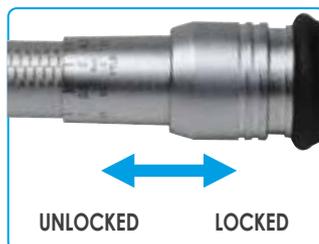
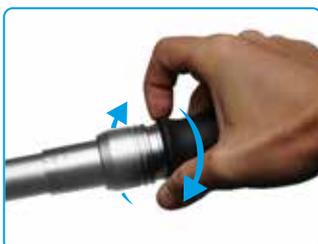


TWC40.200-12 Torque Wrench

Main Features

Type	Dimensions mm			Weight g
	Length	Width	Head Width	
TWC40.200-12	510	45	40	1506

- Adjustment range Nm: 40-200
- Drive size in.: 1/2





Deep hexagonal sockets 1/2" drive DSC

Main Features

Type	mm	Dimensions mm			Weight g
		Length	Ø Ext. hexagon	Ø Ext. drive	
DSC12-170L	17	77	23,8	22	120
DSC12-190L	19	77	25,7	24	134
DSC12-240L	24	77	31,8	27,8	210
DSC12-300L	30	77	39,9	34	300
DSC12-320L	32	77	41,8	35,8	336

- Chromium-vanadium steel • Satin chrome finish
- Standards: UNI ISO 2725 - DIN 3124



Adapters KA

Main Features

Type	Length	Dimensions mm			Weight g
		Female	Male	Ø Female	
KA14-38	26,5	1/4	3/8	13,9	21
KA38-14	26,3	3/8	1/4	18,8	25
KA38-12	36,1	3/8	1/2	19,2	52
KA12-38	35,99	1/2	3/8	21,7	52

- Chromium-vanadium steel • Satin chrome finish
- Standards: UNI ISO 3316 - DIN 3123



1/2" Reversible ratchet wrench CRH12

Main Features

Type	Dimensions mm			Weight g
	Length	Height	Head Width	
CRH12	260	38	40	547



- Mechanism with 72 teeth and a recovery angle of 5°
- Reversible ratchet system • Ergonomic handle in dual-compound material
- Satin chrome finish • Chromium-vanadium steel
- Standards: UNI ISO 3315 - DIN 3122

1/2" Drive extension 250 mm long EBC12-250

Main Features

Type	Length	Weight g
EBC12-250	250	441

- Socket quick release system • Chromium-vanadium steel
- Satin chrome finish
- Standards: UNI ISO 3316 - DIN 3123



1/2" Drive T bar with sliding handle STBC12-300

Main Features

Type	Dimensions mm			Weight g
	Length	Height	Head Width	
STBC12-300	300	25	24	365

- Chromium-vanadium steel • Satin chrome finish
- Standards: UNI ISO 3315 - DIN 3122



PROFESSIONAL SPANNERS & SOCKETS

in Chromium-vanadium steel

AWC



Adjustable wrench AWC300

Main Features

Type	Dimensions mm			Weight g
	Max Opening	Length	Width	
AWC300	34	300	-	620

- Chromium-vanadium steel wrench
- Phosphate finish
- Equipped with rapid adjustment and gap size measurement scale
- Wide-opening jaws for greater adaptability



PROFESSIONAL SPANNERS & SOCKETS

in Chromium-vanadium steel

KAK



Set of 9 male Allen keys KAK9

Main Features

Type	Dimensions kit mm			Weight g
	Length	Width	Height	
KAK9	300	100	31	430

- Sizes included: 1.5-2-2.5-3-4-5-6-8-10 mm
- Chromium-vanadium steel
- Long reach type
- Spherical head for use up to 30°
- Equipped with carrying case

Tool dimensions

A/F (mm)	(mm)	(mm)
1,5	78	14
2	84	16
2,5	92	18
3	102	20
4	110	24
5	123	28
6	144	32
8	163	36
10	178	40



Hammer HMR300

Main Features

Type	Dimensions mm			Weight g
	Length	Width	Height	
HMR300	300	104	23	300

300 g bench hammer with patented anti-vibration triple compound handle.
Aluminium alloy 6082 T6 P-Al Si 1 Mg Mn head.
External surface of the handle in Polyamide A2800.
Thermoplastic rubber grip.
Complete with handle sleeve.



Hammer HMR500W

Main Features

Type	Dimensions mm			Weight g
	Length	Width	Height	
HMR500W	320	106	27	500

500 g bench hammer with Ash handle.
Complete with handle sleeve.



Chisel with hand protector BLC250

Main Features

Type	Dimensions mm				Weight g
	Total length	Blade width	Ø shaft	Ø handle	
BLC250	250	23	16	34	492

23 mm Chromium-vanadium steel blade with sturdy thermoplastic hand protector



Centre Punch CPC100-8

Main Features

Type	Dimensions mm			Weight g
	Length	Tip	Hexagon	
CPC100-8	100	3	8	54

Chromium-vanadium steel with Chrome finish



Crowbar CPW500

Main Features

Type	Dimensions mm		Weight g
	Length	Ø Hex. square	
CPW500	500	16	1183

Hexagonal section
C40 steel





Special blade and safety lock



Retractable Cutter HB18

Main Features

Type	Dimensions mm			Weight g
	Length	Height	Width	
HB18	170	32	17	223

Replaceable blade, adjustable from 18 mm and internal autoloader with 5 blades. Steel blade, metal handle, with soft Rubber anti-slip coating. Safety lock for blade.

Hacksaw HKS12

Main Features

Type	Dimensions mm			Weight g
	Length	Height	Width	
HKS12	400	140	32	600

Hacksaw with 300 mm blade, dual-compound plastic frame, with soft anti-slip handle for a firm and secure grip. Tensioner in the handle.



Hacksaw HKS6

Main Features

Type	Dimensions mm			Weight g
	Length	Height	Width	
HKS6	270	115	20	215

Hacksaw with 150 mm blade, metal frame, with 6 adjustments of the angle of the blade. Soft Rubber anti-slip handle.



Blade BL12HKS

BL12HKS Spare blade for HKS12 (5 pieces)

Blade BL6HKS

BL6HKS Spare blade for HKS6 (10 pieces)

Files SFC200 - RFC200

Main Features

Second-cut square file SFC200	File Section mm	File Length mm	handle Length mm	Total Length mm	Weight g
		8	200	110	310
Second-cut round file RFC200	File diam. mm	File Length mm	handle Length mm	Total Length mm	Weight g
		8,3	200	110	310

Carbide steel
Hardness 62±2 HRC



Digital Multimeter CM02

Main Features

Type	Dimensions mm			Weight g
	Length	Width	Height	
CM02	190	94	46	400

For measuring:

- AC Current and Voltage, True-rms for accurate check of non-linear signals.
- AC/DC Voltage up to 750V~ and 1.000V=
- AC/DC Current up to 10A
- Resistance
- Continuity
- Capacitance
- Frequency

Special Functions

- Data Hold
- Diode Test
- Transistor hFE Test
- Continuity Buzzer
- Temperature Probe (supplied)
- Auto Power Off

Standards: EN 61326-1: 2006 & CE marking

CM02 Specification

Basic Function	Range	Best Accuracy
DC Voltage	400mV/4V/40V/400V/1000V	$\pm(0,5\%+4)$
AC Voltage	400mV/4V/40V/400V/1000V	$\pm(0,8\%+10)$
DC Current	400 μ A/4000 μ A/40mA/400mA/10A	$\pm(1\%+10)$
AC Current	400 μ A/4000 μ A/40mA/400mA/10A	$\pm(1,5\%+10)$
Resistance	400 Ω /4K Ω /40K Ω /400K Ω /4M Ω /40M Ω	$\pm(0,8\%+4)$
	10nF	$\pm(5\%+20)$
Capacitance	100nF/1 μ F/10 μ F/100 μ F	$\pm(3,5\%+8)$
	1mf/10mF/100mF	$\pm(5\%+10)$
Frequency	100/1000/10k/100k/1M/30Mhz	$\pm(0,5\%+10)$
Temperature	(-20°-1.000)°C	$\pm(1,0\%+5)$

Overvoltage category CAT IV - 600V

			
<p>Devices not directly connected to mains power</p>	<p>Household appliances and portable tools</p>	<p>Fixed installations and connected equipment</p>	<p>Electricity meters, external transformers</p>



TRMS





Measuring Tapes FLS3 - FLS5

Main Features

Type	Tape dimensions		Casing Dimensions mm	Weight g
	Length	Width		
FLS3	3 m	16 mm	71x62x33	166
FLS5	5 m	19 mm	83x71x36	252

Professional measuring tapes with ergonomic hand grip, metal casing and rubber inserts. Tape coating in Polyamide to ensures durability, anti-friction and resistance to corrosion; with integrated magnetic hook. Automatic lock and dual locking button.

Spirit Levels LVL150 – LVL200 – LVL400

Main Features

Type	Dimensions mm		No. of tubes	Weight g
	Length	Width		
LVL150	150	22	2	105
LVL200	200	22	2	157
LVL400	400	22	2	248

Made from robust Aluminium profile, with precision 0.5 to 1 mm. Shock resistant tubes and high absorption protective caps.



Conical stepped drill-bit SC-PG1

Main Features						
Type	Hole Ø range mm	Steps		Drill size mm		Weight g
		N°	Height mm	Length	Stem Ø	
SC-PG1	6-37	12	2	100	10	293

- Point geometry according to DIN 1412 C
- No pre-drilling
- Step angle 90°

SC-PG1 - Hole sizes:

Step	Hole Ø mm	Clearance for PG thread
1	6,0	-
2	9,0	-
3	12,5	7
4	15,2	9
5	18,6	11
6	20,4	13,5
7	22,5	16
8	26,0	-
9	28,3	21
10	30,5	-
11	34,0	-
12	37,0	29



Conical stepped drill-bits - General characteristics

- Spiral shape facilitates quiet operation, precision of cut and removal of swarf
- Cutting capability unaffected by prolonged use
- Suitable for use on Ferrous metals and Thermoplastic materials up to 4 mm thickness
- Material: Cubic Boron Nitride (CBN)
- Corner point 118°
- Polished surface

Conical stepped drill-bit SC-M1

Main Features						
Type	Hole Ø range mm	Steps		Drill size mm		Weight g
		N°	Height mm	Length	Stem Ø	
SC-M1	6,5-40,5	11	2	96	10	303

- Point geometry according to DIN 1412 C
- No pre-drilling
- Step angle 90°

SC-M1 - Hole sizes:

Step	Hole Ø mm	Clearance for Metric thread
1	6,5	-
2	8,5	-
3	10,5	-
4	12,5	M12
5	16,5	M16
6	20,5	M20
7	25,5	M25
8	29,0	-
9	32,5	M32
10	36,5	-
11	40,5	M40



Conical countersink SK9038

Main Features				
Type	Head Dimensions mm		Total Length mm	Weight g
	Length	Ø		
SK9038	36	38	148	128

- Conical flaring for unalloyed steels, with ergonomic handle in two component material.
- 90° head angle
 - 6-edged head
 - Maximum diameter of flaring 38 mm



Sets of 19 Spiral Drill-Bits SB19

Main Features

Ideal for STEEL

Type

SB19

High speed, high performance, steel spiral drill-bits. Cross-wise sharpening allows for good balance, reducing strain during the operation.

Spiral angle: 25-30°

Groove profile: standard

Core: standard

Back angle: 118°

Point geometry: Shape C

Weight: 675 g

Main use: Steel N/mm² <900, Cast iron

Secondary use: Steel N/mm² <1100, Stainless steel, Aluminium, Brass, Bronze.

Type

SB19-TIN

As type SB19 with additional:

TiN coating to increase operating life by 300 - 400%

SB19-TIN



SB19

Spiral Drill-bits SB19:

Spiral Drill-bits SB19-TIN:

Ø mm	Length mm	
	Total	Useable
1	34	12
1,5	40	18
2	49	24
2,5	57	30
3	61	33
3,5	70	39
4	75	43
4,5	80	47
5	86	52
5,5	93	57
6	93	57
6,5	101	63
7	109	69
7,5	109	69
8	117	75
8,5	117	75
9	125	81
9,5	125	81
10	133	87

Set of 7 Hammer Drill-Bits SB7-SDS-PLUS

Main Features

Ideal for WALL

Type

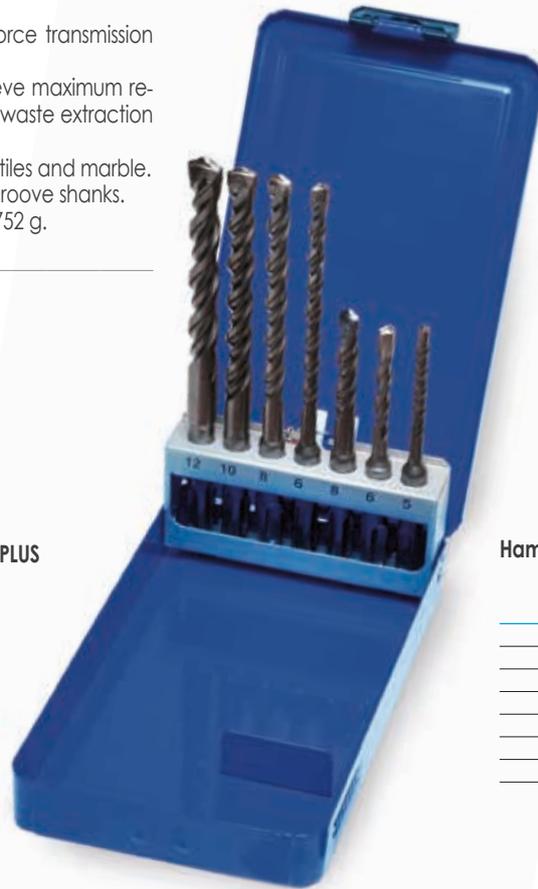
SB7-SDS-PLUS

Drill-bits with a strengthened core, to allow optimum force transmission from start to finish.

Made from steel worked at a low temperature to achieve maximum resistance, and created with a spiral structure for efficient waste extraction during operation.

Suitable for rock, brick work, concrete, cement, granite, tiles and marble. Fits all hammer drills with SDS-Plus and Hilti TE 10 double-groove shanks. Corresponding to standard: ISO 5468-DIN 8039. Weight 752 g.

SB7-SDS-PLUS



Hammer Drill-bits SB7-SDS-PLUS:

Ø mm	Length mm	
	Total	Useable
5	110	50
6	110	50
6	160	100
8	110	50
8	160	100
10	160	100
12	160	100

HYDRAULIC TOOLS AND HEADS



SYMBOL DESCRIPTION

hydraulic tools and heads

	Crimping force kN		Provided with a maximum pressure valve that allows to check the correct execution of the compressions or the limit switch control of the blades
	Double speed action: a rapid approach speed and a slower more powerful speed for crimping or cutting		Manual pressure release button
	Openable compression head, ideal for derivations from running conductors		Ergonomically designed with a sculptured body for operator comfort
	Openable cutting head, ideal for cutting running cables		Lightweight and balanced tool for greater control
	Tool with a large 42 mm jaw opening, for easier introduction/removal of large size compression terminations and joints		Dual-compound plastic handles. Greater safety and comfort in handling, thanks to the rubber inserts
	Blades manufactured from high strength special Steel, heat treated to ensure a long service life		Durable moulded body offering high resistance to wear and damage in all operating conditions
	Max cutting diameter		CE marking
	Max hole punching diameter		UKCA marking
	The head can rotate to enable the operator to work in the most comfortable position		
	Can be operated with one hand		

SYMBOL DESCRIPTION

hydraulic tools and heads



Hexagonal crimp



Contains isolated oil



Radial crimp



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



Indent crimp



Deep indent crimp



Oval crimp



Trapezium crimp



Circular crimp



Max operating pressure



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																					

These tools are supplied without dies. For die selection, please refer to chart on pages 312 to 326

TECHNICAL FEATURES

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

STORAGE

Type	VAL-M1T*
Dimensions mm L x W x H	500 x 420 x 125
Weight kg	2,4
Supplied with the tool	✓

*Suitable for storage of the tool and 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																						
H.V. lugs and splices																						

These tools are supplied without dies. For die selection, please refer to chart on pages 312 to 326

STORAGE

Type	VAL-M1T*
Dimensions mm L x W x H	500 x 420 x 125
Weight kg	2,4
Supplied with the tool	✓

* Suitable for storage of the tool and dies

TECHNICAL FEATURES

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



HT51-KV version also available for Power Supply Companies



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.

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.

HT51 COMPRESSION KIT

general features

KIT-HT51-1

Kit includes:

HT51 Hydraulic tool	
VAL-M1T plastic carrying case	
VAL-75 plastic case for dies	
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-M1T plastic carrying case		
VAL-75 plastic case for dies		
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		
MA14-50	PA19-50	
MA19-50	PA24-50	

KIT-HT51-MK

Kit includes:

HT51 Hydraulic tool	
VAL-M1T plastic carrying case	
VAL-75 plastic case for dies	
9 die sets:	
MK8-50	Hexagonal crimp for low voltage terminals and through connectors from 16 to 185 mm ² DIN 46235 family
MK10-50	
MK12-50	
MK14-50	
MK16-50	
MK18-50	
MK20-50	
MK22-50	
MK25-50	

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 294-300). 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																						
H.V. lugs and splices																						

These tools are supplied without dies. For die selection, please refer to chart on pages 312 to 326

TECHNICAL FEATURES

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

STORAGE

Type	VAL-M2T*
Dimensions mm L x W x H	390 x 310 x 102
Weight kg	1,35
Supplied with the tool	✓
* 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
Purchase separately	✓



RHM50



Hydraulic presshead complete with quick automatic coupler for connection to hydraulic pump with working pressure of 700 bar max, (see page 294-300). RHM50 is suitable for installing the same range of connectors as RH50. Particularly suitable for high volume bench crimping.

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	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 312 to 326

TECHNICAL FEATURES

Crimping force kN	50
Max operating pressure bar	700
Dimensions mm	
Length	210
Width	70
Weight kg	1,6

STORAGE

Type	VAL-M2T*
Dimensions mm L x W x H	390 x 310 x 102
Weight kg	1,35
Supplied with the tool	✓
* 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
Purchase separately	✓



HYDRAULIC CRIMPING TOOL

HT60C

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	
Cu DIN lugs and splices																					
L.V. lugs and splices																					
End sleeves																					

These tools are supplied without dies. For die selection, please refer to chart on pages 312 to 326

STORAGE

Type	CVB-010
Dimensions mm L x W	545 x 160
Weight kg	0,15
Supplied with the tool	✓

TECHNICAL FEATURES

Crimping force kN	60
Dimensions mm	
Length	382
Width	153
Weight kg	3,0



STORAGE

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

*Suitable for storage 5 sets of dies



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.

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.

HYDRAULIC PRESSHEAD

RH60C

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	
Cu DIN lugs and splices																					
L.V. lugs and splices																					
End sleeves																					

These tools are supplied without dies. For die selection, please refer to chart on pages 312 to 326

TECHNICAL FEATURES

Crimping force kN	60
Max operating pressure bar	700
Dimensions mm	
Length	216
Width	91
Weight kg	1,8

STORAGE

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

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



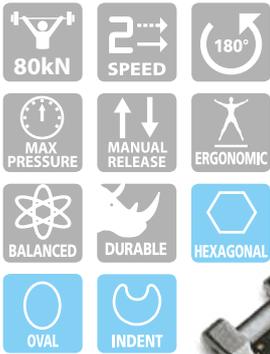
Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max. (see page 294-300).

RH60C is suitable for installing the same range of connectors as HT60C.

HT81-U

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	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 312 to 326

TECHNICAL FEATURES

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

STORAGE

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

* 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
Purchase separately	✓

* Suitable for storing five sets of dies

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.



RHU81

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 312 to 326

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	✓

Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 294-300). 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.



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.			

HYDRAULIC CRIMPING TOOL

HT120

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 312 to 326



STORAGE

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

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

TECHNICAL FEATURES

Crimping force kN	120
Dimensions mm	
Length	488
Width	138
Jaw opening	25
Weight kg	5,7



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.



HT 120-KV version also available for Power Supply Companies



Die release system, protected from accidental operation



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



HT131-C

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 312 to 326

TECHNICAL FEATURES

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

STORAGE

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

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



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.

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.

HT131-C COMPRESSION KIT

general features



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



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-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-2

Kit includes:

HT131-C Hydraulic tool

VAL-P3 plastic carrying case

11 die sets:

Nest	Indentor	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		

RHC131



Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 294-300). 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 312 to 326

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
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 294-300).

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 312 to 326

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
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 312 to 326

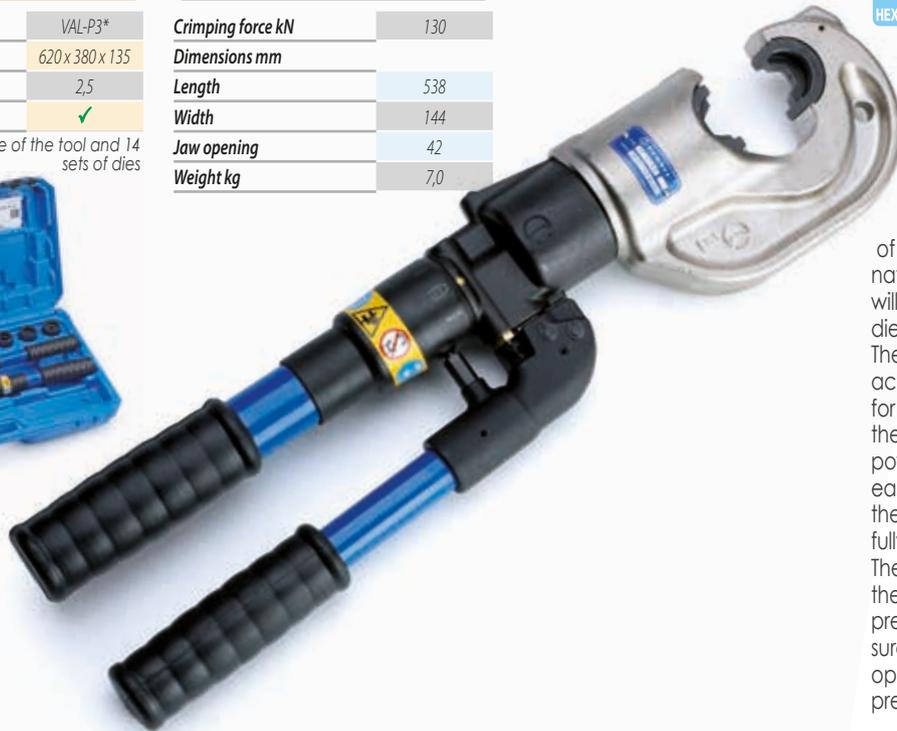
STORAGE

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

*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 312 to 326

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

TECHNICAL FEATURES

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



RHC131LN



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 294-300). Is suitable for installing the same range of connectors as HT 131LN-C.

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																						
Alu lugs and splices																						
H.V. lugs and splices																						

These tools are supplied without dies. For die selection, please refer to chart on pages 312 to 326



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.

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	✓

*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

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																						
Alu lugs and splices																						
H.V. lugs and splices																						

These tools are supplied without dies. For die selection, please refer to chart on pages 312 to 326



Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 294-300). RHU131-C is suitable for installing the same range of connectors as HT 131-UC.

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

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 312 to 326

STORAGE

Type	VAL-ECW-H3D*
Dimensions mm L x W x H	345 x 205 x 90
Weight kg	4,2
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 294-300).

ECW-H3D ACCESSORIES FOR CUTTING CONDUCTORS

Die Type	Cutting Capacity	Conductor Type
WT2-3D	Ø 20 mm	Cu, Alu, Aldrey and Alu-Steel
	Ø 20 mm	Extra flexible Steel with ≥ 200 strands
	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	



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



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 312 to 326

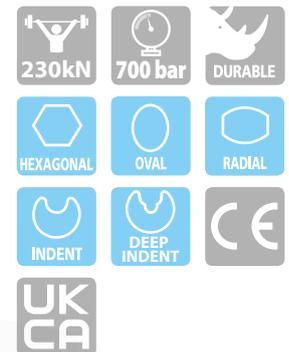
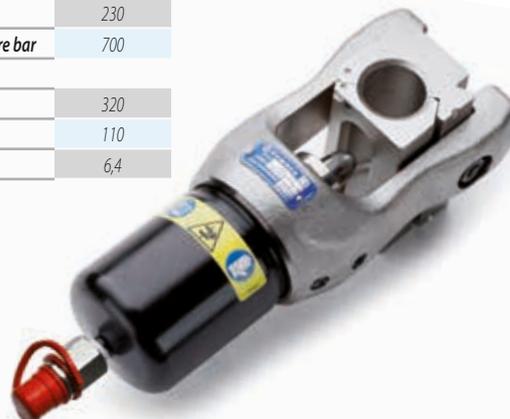
STORAGE

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 294-300).

For crimping up to 500 sqmm Aluminium.

Dies are available also for crimping Copper connectors.

RHU230-630

HYDRAULIC PRESSEHEAD

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 312 to 326



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	✓

*Suitable for storage of the head

STORAGE

Type	VALMAT-230-630*
Dimensions mm L x W x H	290 x 260 x 70
Weight kg	3,1
Purchase separately	✓

*Suitable for storage of the accessories

Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 294-300). It allows for crimping up to 630 sqmm Aluminium (according to HN 68 S90). 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.



VAL-230-630



VALMAT-230-630

RHU450

HYDRAULIC PRESSEHEAD

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	✓

* Suitable for storage of the head

Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 294-300). 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

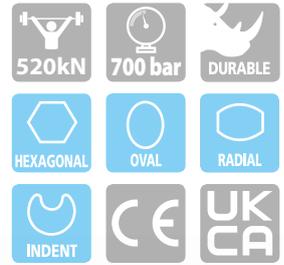
RHU520

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 312 to 326



STORAGE

Type	VAL-520*
Dimensions mm L x W x H	384 x 231 x 145
Weight kg	3,2
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	VALMAT-520*
Dimensions mm L x W x H	500 x 310 x 68
Weight kg	5,1
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 294-300). 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



VALMAT-520

RHU600

HYDRAULIC PRESSEHEAD

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 312 to 326

Hydraulic presshead complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 294-300).

TECHNICAL FEATURES

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

STORAGE

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

*Suitable for storage of the head



VAL-600

HYDRAULIC PRESSHEAD

RHU1000

general features

These tools are supplied without dies. For die selection, please refer to chart on pages 312 to 326

STORAGE

Type	VAL-1000*
Dimensions mm L x W x H	334x244x435
Weight kg	12
Supplied with the tool	✓

*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 294-300).

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.

HT-TC051

HYDRAULIC CUTTING TOOL

industrial application

MAIN APPLICATIONS

specifically designed to cut Copper, Aluminium and Telecommunications cable having Ø max 50 mm



TECHNICAL FEATURES

Max cutting Ø mm	50
Dimensions mm	
Length	497
Width	129
Weight kg	4,38

STORAGE

Type	CVB-010
Dimensions mm L x W	545 x 160
Weight kg	0,15
Supplied with the tool	✓



Hand operated hydraulic tool specifically designed to cut Copper, Aluminium and Telecommunications cable having a max overall diameter of 50 mm.

The tool features a double speed action: a fast advancing speed for rapid approach of the blades to the cable and a slower more powerful speed for cutting.

The blades are manufactured from high strength special Steel, heat treated to ensure a long service life. The head can be easily opened to allow the cutting of running cables.

The head can rotate through 90 degrees, to enable the operator to work in the most comfortable position.

HT-TC051 features an automatic safety valve to bypass oil when reaching maximum pressure; a pressure release device can also be operated at any stage of operation.

TC050

HYDRAULIC CUTTING HEAD

industrial application

MAIN APPLICATIONS

specifically designed to cut Copper, Aluminium and Telecommunications cable having Ø max 50 mm



TECHNICAL FEATURES

Max cutting Ø mm	50
Max operating pressure bar	700
Dimensions mm	
Length	325
Width	112
Weight kg	3,2

STORAGE

Type	CVB-011
Dimensions mm L x W	360 x 137
Weight kg	0,13
Supplied with the tool	✓



Hydraulic cutting head complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 294-300)

TC050 features the same cutting capability as HT-TC051.

HYDRAULIC CUTTING TOOL

industrial application

MAIN APPLICATIONS

specifically designed to cut Copper, Aluminium and Telecommunications cable having Ø max 65 mm

STORAGE

Type	CVB-010
Dimensions mm L x W	545 x 160
Weight kg	0,15
Supplied with the tool	✓

TECHNICAL FEATURES

Max cutting Ø mm	65
Dimensions mm	
Length	523
Width	129
Weight kg	5



HT-TC065



Hand operated hydraulic tool specifically designed to cut Copper, Aluminium and Telecommunications cable having a max overall diameter of 65 mm. The tool features a double speed action.

The blades are manufactured from high strength special Steel, heat treated to ensure a long service life. The head can be easily opened to allow the cutting of running cables.

The head can rotate through 320 degrees, to enable the operator to work in the most comfortable position.

HT-TC065 features an automatic safety valve to bypass oil when reaching maximum pressure; a pressure release device can also be operated at any stage of operation.

HYDRAULIC CUTTING HEAD

industrial application

MAIN APPLICATIONS

specifically designed to cut Copper, Aluminium and Telecommunications cable having Ø max 65 mm

STORAGE

Type	VAL-TC065-SC*
Dimensions mm L x W x H	459 x 231 x 122
Weight kg	3,6
Supplied with the tool	✓

*Suitable for storage of the head

TECHNICAL FEATURES

Max cutting Ø mm	65
Max operating pressure bar	700
Dimensions mm	
Length	426
Width	185
Weight kg	6,3



TC065-SC



Hydraulic cutting head complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 294-300)

TC065-SC features the same cutting capability as HT-TC065. The open head and the "scissor" movement of the blades facilitate the cutting of running cables.

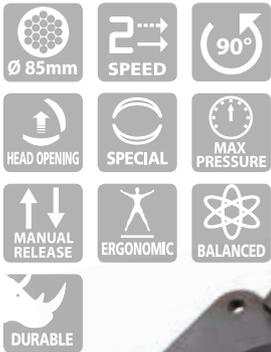
HT-TC0851

HYDRAULIC CUTTING TOOL

industrial application

MAIN APPLICATIONS

specifically designed to cut Copper, Aluminium and Telecommunications cable having Ø max 85 mm



TECHNICAL FEATURES

Max cutting Ø mm	85
Dimensions mm	
Length	652,5
Width	175
Weight kg	6,6

STORAGE

Type	CVB-029/1
Dimensions mm L x W x H	780 x 200
Weight kg	0,426
Supplied with the tool	✓

Hand operated hydraulic tool specifically designed to cut Copper, Aluminium and Telecommunications cable having a max overall diameter of 85 mm.

New model, self contained, robust and sturdy.

The tool features a double speed action: a fast advancing speed for rapid approach of the blades to the cable and a slower more powerful speed for cutting.

The blades are manufactured from high strength special Steel, heat treated to ensure a long service life.

The head can easily be opened to allow the cutting of running cables, and can rotate through 180 degrees, to enable the operator to work in the most comfortable position.

HT-TC0851 features an automatic safety valve to bypass oil when reaching maximum pressure; a pressure release device can also be operated at any stage of operation.



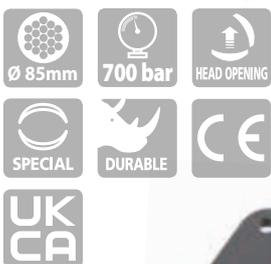
TC085

HYDRAULIC CUTTING HEAD

industrial application

MAIN APPLICATIONS

specifically designed to cut Copper, Aluminium and Telecommunications cable having Ø max 85 mm



TECHNICAL FEATURES

Max cutting Ø mm	85
Max operating pressure bar	700
Dimensions mm	
Length	409
Width	135
Weight kg	4,9

STORAGE

Type	VAL-TC085
Dimensions mm L x W x H	465 x 155 x 65
Weight kg	2,4
Supplied with the tool	✓

Hydraulic cutting head complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 294-300)

TC085 features the same cutting capability as HT-TC0851.



HYDRAULIC CUTTING HEAD

industrial application

MAIN APPLICATIONS

specifically designed to cut Copper and Aluminium cable having Ø max 95 mm

STORAGE

Type	VAL-096
Dimensions mm L x W x H	450 x 265 x 145
Weight kg	6,8
Supplied with the tool	✓

TECHNICAL FEATURES

Max cutting Ø mm	95
Max operating pressure bar	700
Dimensions mm	
Length	397
Width	249
Weight kg	7,9



Hydraulic cutting head specifically designed to cut Copper and Aluminium cable having a max overall diameter of 95 mm.

The head is complete with a quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 294-300).



HYDRAULIC CUTTING HEAD

industrial application

MAIN APPLICATIONS

specifically designed to cut Copper, Aluminium and Telecommunications cable having Ø max 120 mm

STORAGE

Type	VAL-TC120
Dimensions mm L x W x H	590 x 209 x 84
Weight kg	4,9
Supplied with the tool	✓

TECHNICAL FEATURES

Max cutting Ø mm	120
Max operating pressure bar	700
Dimensions mm	
Length	536
Width	175
Weight kg	9,5



Hydraulic cutting head specifically designed to cut Copper, Aluminium and Telecommunications cable having a max overall diameter of 120 mm.

The head can easily be opened to cut running cables, and the handle allows the most comfortable positioning of the head onto the cable to be cut.

The head is complete with a quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 294-300).



TC 120 cutting capacity - a few examples:

Section	Conductor Type
3x150 mm ²	Steel armoured Ø80 mm
1000 mm ²	Cu - EPR rubber insulated; Ø85 mm
1000 mm ²	Cu - EPR rubber insulated + lead sheath; Ø92 mm
1000 mm ²	Cu - EPR rubber insulated + lead sheath + PE sheath; Ø100 mm
240 mm ²	EPR rubber insulated

HT-TC026

HYDRAULIC CUTTING TOOL

overhead line application

MAIN APPLICATIONS

specifically designed to cut Copper, aldrej, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having Ø max 25 mm



Hand operated hydraulic tool specifically designed to cut Copper, aldrej, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having a max overall diameter of 25 mm.

The tool features a double speed action: a fast advancing speed for rapid approach of the blades to the cable and a slower more powerful speed for cutting.

The blades are manufactured from high strength special Steel, heat treated to ensure a long service life. The head can rotate through 180 degrees, to enable the operator to work in the most comfortable position, and can easily be opened to allow the cutting of running cables.

HT-TC026 features an automatic safety valve to bypass oil when reaching maximum pressure; a pressure release device can also be operated at any stage of operation.

TECHNICAL FEATURES

Max cutting Ø mm	25
Dimensions mm	
Length	382
Width	129
Weight kg	3,2

STORAGE

Type	CVB-001
Dimensions mm L x W	430 x 155
Weight kg	0,15
Supplied with the tool	✓



CUTTING CAPACITY

MATERIAL	TENSILE STRENGTH (daN/mm ²)	MAX CUTTING DIAMETER (mm)	
		HT-TC026 TC 025	HT-TC026Y B-TC250
ROPE & CONDUCTORS	COPPER	≤ 41	25
	ALUMINIUM	≤ 20	25
	ALMELEC	≤ 34	25
	STEEL	≤ 180	INDICATIVE EXAMPLES: 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
	MULTI STRANDS STEEL (STRANDS Qty ≥ 200)	≤ 180	18
RODS	ACSR	≤ 180	25 INDICATIVE EXAMPLES: 26 x 2,50 + 7 x 1,95 : Ø est. = 15,85 26 x 3,06 + 7 x 2,38 : Ø est. = 19,38 26 x 3,60 + 7 x 2,80 : Ø est. = 22,80
		STEEL	≤ 60 ≤ 42
	COPPER	≤ 30	20
		≤ 25	23
	ALUMINIUM	≤ 16	25

TC025

HYDRAULIC CUTTING HEAD

overhead line application

MAIN APPLICATIONS

specifically designed to cut Copper, aldrej, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having Ø max 25 mm



Hydraulic cutting head complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 294-300) TC025 has the same cutting capability as HT-TC026.

TECHNICAL FEATURES

Max cutting Ø mm	25
Max operating pressure bar	700
Dimensions mm	
Length	213
Width	82
Weight kg	2,0

STORAGE

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



HYDRAULIC CUTTING TOOL

HT-TC026Y

overhead line application

MAIN APPLICATIONS

specifically designed to cut Copper, aldrej, Aluminum, Aluminum-Steel cables, stay wire and Steel ropes having Ø max 25 mm and Steel earthing rod up to 16 mm.

STORAGE

Type	CVB-001
Dimensions mm L x W	430 x 155
Weight kg	0,15
Supplied with the tool	✓

TECHNICAL FEATURES

Max cutting Ø mm	25
Dimensions mm	
Length	394,5
Width	129
Weight kg	3,35



Ideal for earthing rod and stay wire

Hand operated hydraulic tool specifically designed to cut Copper, aldrej, Aluminum, Aluminum-Steel cables, stay wire and Steel ropes having a max overall diameter of 25 mm and Steel earthing rod up to 16 mm. The tool features a double speed action.

The blades are manufactured from high strength special Steel, heat treated to ensure a long service life.

The head can rotate through 180 degrees, to enable the operator to work in the most comfortable position, and can easily be opened to allow the cutting of running cables. HT-TC026Y features an automatic safety valve to bypass oil when reaching maximum pressure; a pressure release device can also be operated at any stage of operation.

HT-TC026Y cutting capacity - a few examples:

Ø		EARTHING RODS AND STAY WIRES
mm	in.	
14,2	/	STEEL EARTHING ROD, COPPER PLATED; Tensile strength = 79 daN/mm ²
12,7	1/2"	STEEL EARTHING ROD, COPPER PLATED; Tensile strength = 69 daN/mm ²
15,6	/	STEEL EARTHING ROD; Tensile strength = 69 daN/mm ²
15,9	5/8"	STEEL EARTHING ROD, COPPER PLATED (CON ED - ILLINOIS); Tensile strength = 57 daN/mm ²
15,9	5/8»	STEEL EARTHING ROD, COPPER PLATED (CON ED - STATEN ISLAND); Tensile strength = 78 daN/mm ²
19	3/4"	STEEL EARTHING ROD, COPPER PLATED; Tensile strength = 74 daN/mm ²
9,15 (3,05x7)	/	STAY WIRE
10,8 (3,6x7)	/	STAY WIRE (PORTLAND GENERAL ELECTRIC)
11,1 (3,7x7)	/	STAY WIRE (PORTLAND GENERAL ELECTRIC)
12,3 (4,1x7)	/	STAY WIRE (PORTLAND GENERAL ELECTRIC)
12,6 (4,2x7)	/	STAY WIRE (PORTLAND GENERAL ELECTRIC)

HT-TC041N

HYDRAULIC CUTTING TOOL

overhead line application



MAIN APPLICATIONS

specifically designed to cut Copper, aldrej, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having Ø max 45 mm

TECHNICAL FEATURES

Max cutting Ø mm	45
Dimensions mm	
Length	550
Width	144
Weight kg	5,8

STORAGE

Type	CVB-010
Dimensions mm L x W x H	545 x 160
Weight kg	0,286
Supplied with the tool	✓



Hand operated hydraulic tool specifically designed to cut Copper, aldrej, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having a max overall diameter of 45 mm.

New model, even more self contained, robust and sturdy. The blades are manufactured from high strength special Steel, heat treated to ensure a long service life. The head can rotate through 180 degrees, to enable the operator to work in the most comfortable position, and can easily be operated at any stage of operation.

HT-TC041N features an automatic safety valve to bypass oil when reaching maximum pressure; a pressure release device can also be operated at any stage of operation.

CUTTING CAPACITY

MATERIAL	TENSILE STRENGTH (daN/mm ²)	MAX CUTTING DIAMETER (mm)	
		HT-TC041N B-TC450	TC04N
COPPER	≤ 41	45	
ALUMINIUM	≤ 20	45	
ALMELEC	≤ 34	45	
ROPE & CONDUCTORS	STEEL ≤ 180	INDICATIVE EXAMPLES: 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	
		MULTI STRANDS STEEL (STRANDS Qty ≥ 200)	18
		ACSR	45 INDICATIVE EXAMPLES: 26 x 2,50 + 7 x 1,95 : Ø est. = 15,85 26 x 3,06 + 7 x 2,38 : Ø est. = 19,38 26 x 3,60 + 7 x 2,80 : Ø est. = 22,80 54 x 3,50 + 19 x 2,10 : Ø est. = 31,50 54 x 4,36 + 19 x 2,62 : Ø est. = 39,20
RODS	STEEL ≤ 60	18	
		20	
	COPPER ≤ 30	30	
		32	
ALUMINIUM ≤ 16	45		

TC04N

HYDRAULIC CUTTING HEAD

overhead line application



MAIN APPLICATIONS

specifically designed to cut Copper, aldrej, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having Ø max 45 mm

TECHNICAL FEATURES

Max cutting Ø mm	45
Max operating pressure bar	700
Dimensions mm	
Length	311
Width	100
Weight kg	4,0

STORAGE

Type	VAL-04
Dimensions mm L x W x H	350 x 125 x 68
Weight kg	2,0
Supplied with the tool	✓

Hydraulic cutting head complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 294-300) TC04N has the same cutting capability as HT-TC041N.



HYDRAULIC CUTTING TOOL

overhead line application

MAIN APPLICATIONS

specifically designed to cut Copper, Aluminum, Aluminum-Steel cables (ACSR) having Ø max 50 mm
Not suitable for cutting stay wire, Steel rope or earthing rod

STORAGE

Type	CVB-010
Dimensions mm L x W	545 x 160
Weight kg	0,15
Supplied with the tool	✓

TECHNICAL FEATURES

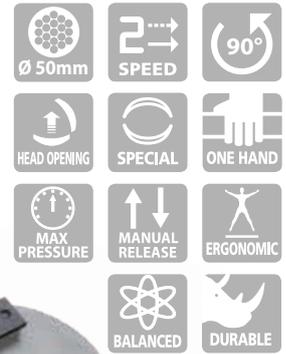
Max cutting Ø mm	50
Dimensions mm	
Length	503
Width	129
Weight kg	4,7



Hand operated hydraulic tool specifically designed to cut Copper, Aluminum, Aluminum-Steel cables (ACSR) having a max overall diameter of 50 mm.

The HT-TC051Y is provided with a two stage hydraulic system, which advances the blades quickly to the cable. This proven system saves operator time and effort.

The HT-TC051Y is provided with an automatic safety valve to bypass oil when reaching max pressure. This means safety to the operator and protection to the blades. The blades are manufactured from high strength special Steel, heat treated to ensure a long service life. The shape of the blades provides a "clean" cut. The head can be opened to allow cutting of running cables and ropes. The head rotates 90 degrees allowing the operator to perform the cut in the most comfortable position. The tool is supplied complete with canvas bag 010 for protection and storage when not in use.



HYDRAULIC CUTTING HEAD

overhead line application

MAIN APPLICATIONS

specifically designed to cut Copper, Aluminum, Aluminum-Steel cables (ACSR) having Ø max 50 mm
Not suitable for cutting stay wire, Steel rope or earthing rod

STORAGE

Type	CVB-011
Dimensions mm L x W x H	360 x 137
Weight kg	0,13
Supplied with the tool	✓

TECHNICAL FEATURES

Max cutting Ø mm	50
Max operating pressure bar	700
Dimensions mm	
Length	331
Width	112
Weight kg	3,3



Hydraulic cutting head complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max. (see page 294-300). TC050Y features the same cutting capability as HT-TC051Y.

HT-TC055

HYDRAULIC CUTTING TOOL

overhead line application

MAIN APPLICATIONS

specifically designed to cut Copper, aldrej, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having Ø max 55 mm



TECHNICAL FEATURES

Max cutting Ø mm	55
Dimensions mm	
Length	595
Width	144
Weight kg	8,3

STORAGE

Type	CVB-029/1
Dimensions mm L x W x H	780 x 200
Weight kg	0,426
Supplied with the tool	✓



Hand operated hydraulic tool specifically designed to cut Copper, aldrej, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having a max overall diameter of 55 mm.

The HT-TC055 is provided with a two stage hydraulic system, which advances the blades quickly to the cable. This proven system saves operator time and effort.

The HT-TC055 is provided with an automatic safety valve to bypass oil when reaching max pressure. This means safety to the operator and protection to the blades.

The blades are manufactured from high strength special Steel, heat treated to ensure a long service life.

The shape of the blades provides a "clean" cut. The head can be opened to allow cutting of running cables and ropes. The head rotates 330 degrees allowing the operator to perform the cut in the most comfortable position. The tool is supplied complete with plastic case VAL P7 for protection and storage when not in use.

CUTTING CAPACITY

MATERIAL	TENSILE STRENGTH (daN/mm ²)	MAX CUTTING DIAMETER (mm)	
		HT-TC055	TC055 B-TC550
COPPER	≤ 41	55	
ALUMINIUM	≤ 20	55	
ALMELEC	≤ 34	55	
STEEL	≤ 180	INDICATIVE EXAMPLES: 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	
MULTI STRANDS STEEL (STRANDS Qty ≥ 200)	≤ 180	22	
ACSR	≤ 180	50 INDICATIVE EXAMPLES: 26 x 2,50 + 7 x 1,95 : Ø est. = 15,85 26 x 3,06 + 7 x 2,38 : Ø est. = 19,38 26 x 3,60 + 7 x 2,80 : Ø est. = 22,80 26 x 4,44 + 7 x 3,45 : Ø est. = 28,14 54 x 3,50 + 19 x 2,10 : Ø est. = 31,50 54 x 4,36 + 19 x 2,62 : Ø est. = 39,20 83 x 4,60 + 16 x 2,80 : Ø est. = 50,00	
GUY WIRE (GW15-9/16-188)	Extra high strenght grade	7 x 4,77 : Ø est. = 14,30 mm	
RODS	STEEL	≤ 60	20
		≤ 42	22
	COPPER	≤ 30	34
		≤ 25	38,5
	ALUMINIUM	≤ 16	50

TC055

HYDRAULIC CUTTING HEAD

overhead line application

MAIN APPLICATIONS

specifically designed to cut Copper, aldrej, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having Ø max 55 mm



Hydraulic cutting head complete with quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max, (see page 294-300) TC055 has the same cutting capability as HT-TC055.



TECHNICAL FEATURES

Max cutting Ø mm	55
Max operating pressure bar	700
Dimensions mm	
Length	357
Width	134
Weight kg	6,6

STORAGE

Type	VAL-TC055
Dimensions mm L x W x H	384 x 231 x 145
Weight kg	3,7
Supplied with the tool	✓



FRAME-TYPE HOLE PUNCHING HEAD

RH-FC48N

general features

MAIN APPLICATIONS

designed for punching holes from 15,5 up to 47,2 mm diameter



TECHNICAL FEATURES

Max piercing Ø mm	47,2
Max centre of hole to edge of trunking (mm)	53,5
Max operating pressure bar	700
Dimensions mm	
Length	259,5
Width	147,5
Weight kg	3,7

STORAGE

Type	VAL-P30
Dimensions mm L x W x H	315 x 300 x 95
Weight kg	0,93
Supplied with the tool	✓



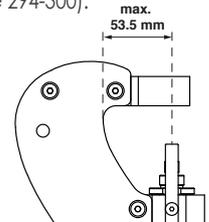
Table denotes the punch/die set reference, for each hole size. Suitable for punching holes in mild Steel, fibreglass or plastic material, up to 2 mm thick.

Hole Dimensions				Maximum thickness of mild Steel (mm)	Type
Nominal		Pg	ISO		
Ø (mm)	Ø (inch)				
15,5	.610	Pg9	-	2	RD15.5SS-FC
16,2	.638	-	ISO-16		RD16.2SS-FC
17,5	.689	-	-		RD17.5SS-FC
18,8	.740	Pg11	-		RD18.8SS-FC
19,1	.752	-	-		RD19.1SS
20,5	.807	Pg13,5	ISO-20		RD20.5SS
22,6	.890	Pg16	-		RD22.6SS
23,8	.937	-	-		RD23.8SS
25,4	1.000	-	ISO-25		RD25.4SS
27,0	1.063	-	-		RD27.0SS
28,5	1.122	Pg21	-		RD28.5SS
30,5	1.201	-	7/8"		RD30.5SS
31,8	1.252	-	-		RD31.8SS
32,5	1.279	-	ISO-32		RD32.5SS
34,6	1.362	-	-		RD34.6SS
37,2	1.464	Pg29	-		RD37.2SS
38,1	1.500	-	-		RD38.1SS
40,5	1.594	-	ISO-40		RD40.5SS-FC
41,3	1.626	-	-		RD41.3SS-FC
42,5	1.673	-	1 1/4"		RD42.5SS-FC
43,2	1.701	-	-	RD43.2SS-FC	
44,5	1.752	-	-	RD44.5SS-FC	
47,2	1.858	Pg36	-	RD47.2SS-FC	



Hydraulic head complete with automatic quick coupler, designed for punching holes from 15,5 up to 47,2 mm diameter in the side wall of trunking without the need for pre drilling.

For operation, the head must be joined to a hydraulic pump developing a pressure of 700 bar (see page 294-300).



PIERCING HEADS

general features

RHT160

Max piercing Ø mm	21
Max hole distance from bar edge (mm)	30
Max operating pressure bar	700
Dimensions mm	
Length	240
Width	153
Weight kg	6,5

RHT160-60N

Max piercing Ø mm	21
Max hole distance from bar edge (mm)	60
Max operating pressure bar	700
Dimensions mm	
Length	240
Width	181
Weight kg	9,2

STORAGE

Type	VAL-160*
Dimensions mm L x W x H	283 x 180 x 100
Weight kg	2,3
Supplied with the tool	✓

*Suitable for storage of the head



RHT160 RHT160-60N

Hydraulic head complete with automatic quick coupler, for piercing holes of various diameters in Copper, Aluminium and Steel bars with max. thickness of 10 mm.

This compact and handy tool is widely used for transformer room connections, control switch boards and power plants.

For operation the head must be joined to a hydraulic pump developing a pressure of 700 bar (see page 294-300).

Available accessories (to be ordered separately):

Piercing Ø mm	6,5	8,5	9	10,5	11	13	13,5	14	15	17	19	21
Type (Kit Punch+Die)	RT6.5	RT8.5	RT9	RT10.5	RT11	RT13	RT13.5	RT14	RT15	RT17	RT19	RT21
Max. thickness												
Hole diameter (mm)	6,5	8,5	9	10,5	11	13	13,5	14	15	17	19	21
Max thickness step in Copper	10	10	10	10	10	10	10	10	10	10	8	8
Max thickness step in Steel	10	10	10	10	10	9	9	9	8	7	6	4
Punch die/set	RT6.5	RT8.5	RT9	RT10.5	RT11	RT13	RT13.5	RT14	RT15	RT17	RT19	RT21

HT-FL74

PULLER-TYPE HOLE PUNCHING TOOLS

general features



MAIN APPLICATIONS

specifically designed for hole punching stainless Steel, mild Steel, fibreglass and plastic sheet materials up to 3,5 mm thickness

Hand operated hydraulic tool specifically designed for hole punching stainless Steel, mild Steel, fibreglass and plastic sheet materials up to 3,5 mm thickness. Compact, light-weight and easy to handle. The tool is supplied complete with plastic case VAL P28 for protection and storage when not in use. Supplied with Pullers TD-11, TD-19 and spiral bit Ø 11,5 mm. For the punch-die selection chart see page 253.



TECHNICAL FEATURES

Max Punching Ø mm	140
Dimensions mm	
Length	381
Width	138
Weight kg	3,3

STORAGE

Type	VAL-P28
Dimensions mm L x W x H	620 x 360 x 138
Weight kg	2,4
Supplied with the tool	✓



HT-FL75



Hand operated hydraulic tool specifically designed for hole punching stainless Steel, mild Steel, fibreglass and plastic sheet materials up to 3,5 mm thickness. Compact, lightweight and easy to handle. The balanced punching head pivots 180deg through a full 360deg rotation for ease of use in confined spaces.

The tool is supplied complete with plastic case VAL P28 for protection and storage when not in use. Supplied with Pullers TD-11, TD-19 and spiral bit Ø 11,5 mm. For the punch-die selection chart see page 253.



TECHNICAL FEATURES

Max Punching Ø mm	140
Dimensions mm	
Length	452
Width	138
Weight kg	3,67

STORAGE

Type	VAL-P28
Dimensions mm L x W x H	620 x 360 x 138
Weight kg	2,4
Supplied with the tool	✓



KIT-HT-FL75-1



HOLE PUNCHING KIT

general features

KIT-HT-FL75-1

Kit includes:

- HT-FL75 Puller-type hole punching hydraulic tool
- VAL P28 plastic carrying case with accessories
- Puller TD-11
- Puller TD-19
- spiral bit Ø 11,5 mm

4 KIT for round punch:

KIT-RD18.8SS	Pg11
KIT-RD20.5SS	Pg13.5
KIT-RD22.6SS	Pg16
KIT-RD28.5SS	Pg21

PULLER-TYPE HOLE PUNCHING HEAD

RH-FL75

general features

MAIN APPLICATIONS

specifically designed for hole punching stainless Steel, mild Steel, fibreglass and plastic sheet materials up to 3,5 mm thickness



STORAGE

Type	VAL-P29
Dimensions mm L x W x H	448 x 288 x 105
Weight kg	1,4
Supplied with the tool	✓



TECHNICAL FEATURES

Max Punching Ø mm	140
Max operating pressure bar	700
Dimensions mm	
Length	163
Width	106
Weight kg	1,9



Hydraulic head, for hole punching stainless Steel, mild Steel, fibreglass and plastic sheet materials up to 3,5 mm thickness. Compact and lightweight, easy to handle in confined spaces due to a rotating 90deg quick automatic coupler for connection to

a hydraulic pump with a working pressure of 700 bar max (see page 294-300). Supplied with Pullers TD-11, TD-19 and spiral bit Ø 11,5 mm. For the punch-die selection chart see table below.

HT-FL74, HT-FL75 and RH-FL75 Punching accessories available

Round punch

Hole diameter				Material max thickness (mm)		Pilot hole Ø (mm)	Type	
Nominal Ø (mm)	Ø (inch)	Pg	ISO	Stainless Steel	Mild Steel		KIT (Punch + Die)	Puller
15,5	.610	Pg9	-	2,5 mm (0.1 in.) Rm= 700 N/mm ²	3,5 mm (0.14 in.) Rm= 510 N/mm ²	11,5	TD-11	RD15.5SS
16,2	.638	-	ISO-16					RD16.2SS
17,0	.669	-	G3/8"					RD17.5SS
17,5	.689	-	-					RD17.5SS
18,8	.740	Pg11	-					RD18.8SS
19,1	.752	-	-					RD19.1SS
20,5	.807	Pg 13,5	ISO-20					RD20.5SS
21,5	.846	-	G1/2"					RD21.5SS
22,6	.890	Pg16	-					RD22.6SS
23,8	.937	-	G5/8"					RD23.8SS
25,4	1.000	-	ISO-25					RD25.4SS
27,0	1.063	-	G3/4"					RD27.5SS
28,5	1.122	Pg21	-					RD28.5SS
30,5	1.201	-	G7/8"					RD30.5SS
28,5	1.122	Pg 21	-			RD28.5SS-19		
30,5	1.201	-	G7/8"			RD30.5SS-19		
31,8	1.252	-	-			RD31.8SS		
32,5	1.279	-	ISO-32			RD32.5SS		
34,0	1.338	-	G1"			RD34.5SS		
34,6	1.362	-	-			RD34.6SS		
37,2	1.464	Pg29	-			RD37.2SS		
38,1	1.500	-	-			RD38.1SS		
38,5	1.515	-	G1 1/8"			RD38.5SS		
40,5	1.594	-	ISO-40			RD40.5SS		
41,3	1.626	-	-			RD41.3SS		
42,5	1.673	-	G1 1/4"			RD42.5SS		
43,2	1.701	-	-			RD43.2SS		
44,5	1.752	-	-			RD44.5SS		
47,2	1.858	Pg36	-			RD47.2SS		
48,5	1.909	-	G1 1/2"			RD48.5SS		
50,5	1.988	-	ISO-50			RD50.5SS		
51,4	2.023	-	-			RD51.4SS		
52,4	2.063	-	-			RD52.4SS		
54,2	2.134	Pg42	-			RD54.2SS		
60,0	2.362	Pg48	-	RD60.5SS				
60,5	2.381	-	-	RD60.5SS				
64,0	2.520	-	ISO-63	RD64.5SS				
65,0	2.559	-	-	RD65.5SS				
76,0	2.992	-	G2 1/2"	RD76.5SS				
76,5	3.011	-	-	RD76.5SS				
80,5	3.169	-	-	RD80.5SS				
89,0	3.503	-	G3"	RD89.5SS				
90,0	3.543	-	-	RD90.5SS				
100,0	3.937	-	-	RD100.5SS				
102,0	4.015	-	-	RD102.5SS				
114,0	4.488	-	-	RD114.5SS				
120,0	4.724	-	-	RD120.5SS				
140,0	5.512	-	-	RD140.5SS				

* Puller included in the kit

"D" punch

Hole diameter		Material max thickness (mm)		Pilot hole Ø (mm)	Type
Nominal (mm)	(inch)	Stainless Steel	Mild Steel		
(a)38,3 x (b)36,6	(a)1.507 x (b)1.442	2,5	3,5	18,5	KIT (Punch+die + Puller) RD 18D RD 24D
(a)43,1 x (b)41,5	(a)1.696 x (b)1.632				

Stainless Steel = Rm= 700 N/mm² - Mild Steel = Rm= 500 N/mm²

Square punch

Hole diameter		Material max thickness (mm)		Pilot hole Ø (mm)	Type
Nominal (mm)	(inch)	Stainless Steel	Mild Steel		
21,0 x 21,0	.827 x .827	2,5	3,5	12,0	RD21X21
46,0 x 46,0	1.811 x 1.811				RD46X46
68,0 x 68,0	2.677 x 2.677			28,5	RD68X68
92,0 x 92,0	3.622 x 3.622	RD92X92			
126,0 x 126,0	4.960 x 4.960	RD126X126			
138,0 x 138,0	5.433 x 5.433	RD138X138			
220,0 x 220,0	8.661 x 8.661	1,0	1,5	RD220X220	
224,0 x 224,0	8.818 x 8.818			RD224X224	

Rectangular punch

Hole diameter		Material max thickness (mm)		Pilot hole Ø (mm)	Type	
Nominal (mm)	(inch)	Stainless Steel	Mild Steel			
18,0 x 46,0	.709 x 1.811	2,0	2,0	16,5	RD18X46	
22,0 x 30,0	.866 x 1.181				RD22X30	
22,0 x 46,0	.866 x 1.811				RD22X46	
29,0 x 71,0	1.141 x 2.795				RD29X71	
35,0 x 65,0	1.377 x 2.559				RD35X65	
35,0 x 86,0	1.377 x 3.385				RD35X86	
35,0 x 112,0	1.377 x 4.409			RD35X112		
36,0 x 46,0	1.417 x 1.811			2,0	26,5	RD36X46
37,0 x 54,0	1.456 x 2.125					RD37X54
37,0 x 67,0	1.456 x 2.637					RD37X67
37,0 x 88,0	1.456 x 3.464					RD37X88
37,0 x 104,0	1.456 x 4.094					RD37X104
37,0 x 115,0	1.456 x 4.527					RD37X115
46,0 x 54,0	1.811 x 2.126					RD46X54
46,0 x 72,0	1.811 x 2.835	RD46X72				
46,0 x 92,0	1.811 x 3.622	RD46X92				
46,0 x 107,0	1.811 x 4.212	RD46X107				
50,0 x 98,0	1.968 x 3.858	RD50X98				
67,0 x 126,0	2.637 x 4.960	28,5	RD67X126			
72,0 x 136,0	2.834 x 5.354		RD72X136			

Stainless Steel = Rm= 700 N/mm² - Mild Steel = Rm= 500 N/mm²

Use of non-CEMBRE punching accessories

Type	Punch & Die	Pilot hole Ø mm
TRD-9.4C (*)	GREENLEE 3/8" - 24 UNF	Ø 10.0
TRD-M11C (*)	BM, COSMEC (M11x1.5), IMB 9602	Ø 11.5
TD-M16C	BM, COSMEC (M16x1.5)	Ø 16.5
TD-27	BM, COSMEC (Ø105=Ø140)	Ø 27.5
TD-14X14-M14	BM, COSMEC 46x46	Ø 18.8
TD-120X20-M20	BM, COSMEC 92x92	Ø 27.5
TD-20X20-M20 (with plug)	BM, COSMEC 42x95	Ø 27.5
TGD-13.5X13.5-M13	BM, COSMEC 40x40; 45x45; 46x46 (M13)	Ø 18.8
TGD-10X10-M9	BM, COSMEC 006505	Ø 13.8
TD-9	IMB 9601	Ø 9.5
TD-16	IMB 9603	Ø 16.5
TD-10X10-M10 (with plug)	IMB 9623	Ø 14.5
TD-14X14-M14/1"	IMB 9625	Ø 19.5
TD-20 (without plug)	IMB 9626	Ø 27.5
TD-20X20-M20-C (with plug)	IMB 9626	Ø 27.5

(*) The washer supplied with the KIT must be threaded onto the draw stud and positioned between the head and the die to allow the die to rest correctly



Hydraulic nut splitting head complete with automatic quick coupler. For operating the head must be joined to a hydraulic pump developing a pressure of 700 bar (see page 294-300).

STORAGE

Type	VAL-P4
Dimensions mm L x W x H	315 x 300 x 95
Weight kg	0,93
Supplied with the tool	✓



RHTD270

Suitable for splitting nuts mm	16(M10)=27(M18)
Max operating pressure bar	700
Weight kg	1,76

RHTD3241

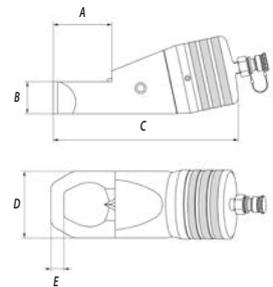
Suitable for splitting nuts mm	27(M18)=41(M27)
Max operating pressure bar	700
Weight kg	4,6

RHTD410T

Suitable for splitting nuts mm	27(M18)=41(M27)
Max operating pressure bar	700
Weight kg	4,9

Dimensions mm

	RHTD270	RHTD3241	RHTD410T
A	40,5	66	77
B	25	36	41
C	105,5	208	222
D	54	75,5	75,5
E	7,5	16	21,5



Application range

Type	HEXAGONAL NUTS		SQUARE NUTS	
RHTD270	16	M 10	17	M 10
	17	M 10	19	M 12
	18	M 12	22	M 14
	19	M 12	24	M 16
	21	M 14	27	M 18
	22	M 14		
	24	M 16		
	27	M 18	27	M 18
RHTD3241	27	M 18	27	M 18
	30	M 20	30	M 20
RHTD410T	32	M 22	32	M 22
	34	M 22	34	M 24
	36	M 24	36	M 27
	41	M 27		

CORDLESS HYDRAULIC TOOLS



SYMBOL DESCRIPTION

cordless hydraulic tools

	Crimping force kN		Equipped with safety valve as a additional safety element for the operator
	18.0 V Li-Ion high power batteries		Provided with a maximum pressure sensor that allows to check the correct execution of the compressions
	Double speed action: a rapid approach speed and a slower more powerful speed for crimping or cutting		Pressure release button
	Openable compression head, ideal for derivations from running conductors		Extremely quiet in operation
	Openable cutting head, ideal for cutting running cables		Very little vibration
	Tool with a large 42 mm jaw opening, for easier introduction/removal of large size compression terminations and joints		Ergonomically designed with a sculptured body for operator comfort
	blades manufactured from high strength special Steel, heat treated to ensure a long service life		Lightweight and balanced tool for greater control
	Max cutting diameter		LED lighting of the working area
	Max hole punching diameter		Dual-compound plastic body Greater safety and comfort in handling, thanks to the rubber inserts
	The head can rotate to enable the operator to work in the most comfortable position		Ensures optimal use of energy available
	OLED display with multi-function capacitive touch button: Crimping force being generated, Battery power availability, Tool identification, LED state, Reset, No. of operational and service crimping cycles, Tool service required		Durable moulded body offering high resistance to wear and damage in all operating conditions
	Battery condition displayed to show the residual battery power		Crimping cycle data (up to 200,000 events) is automatically stored on a memory card for transfer to PC by USB interface
	Switch protected against accidental operation		Operating temperature range between -15 and +50°C
	Can be operated with one hand		

SYMBOL DESCRIPTION

cordless hydraulic tools



Hexagonal crimp



Radial crimp



Indent crimp



Deep indent 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



UKCA marking



"Bilinear" configuration

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



"Pistol" configuration

The new design and mass distribution favour the easy handling during use



"Standard" configuration

The design allows the maximum stability and comfort in handling and ergonomics



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



Electronic Cut Sensor

The ECS guarantees the precision of the cutting operation, checking the complete stroke of the blades and informing the operator about possible errors.



Safe Cut Technology

Fitted with LED indicators and a buzzer to communicate during progress and at the completion of the cutting operation.



Radio Remote Control

Radio control device to utility cable cutting operations in limited access locations, eg. in man-holes, to enable working from a safe distance.



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 - 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

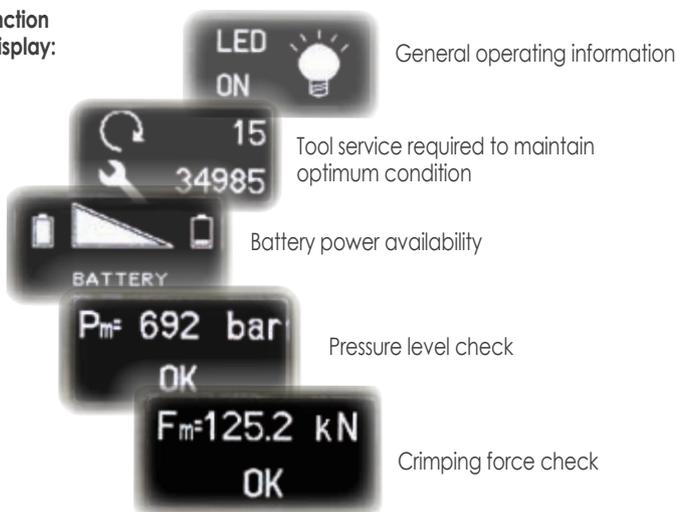


SUPPLIED WITH

- 1 CB1852L, 18.0 V - 5.2 Ah Li-Ion high power battery (2 pcs.)
 - 2 ASC55-EU Battery charger with EUROPEAN plug
ASC55-UK Battery charger with UK plug
ASC30-36-USA/CA, AC charger (115V) with USA/CANADA plug
ASC30-36-AUS/NZ, AC charger with AUSTRALIAN/NEW ZEALAND plug
(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 ASC55-EU Battery charger with EUROPEAN plug
ASC55-UK Battery charger with UK plug
ASC30-36-USA/CA, AC charger (115V) with USA/CANADA plug
ASC30-36-AUS/NZ, AC charger with AUSTRALIAN/NEW ZEALAND plug
(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



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 312 to 326

Tool Type	Plug Type	Supplied Battery Charger Type
B15MD	PLUG EU	ASC55-EU with EUROPEAN plug
B15MDE	PLUG UK	ASC55-UK with UK plug
B15MA	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/CANADA plug
B15MDT	PLUG AUS NZ	ASC30-36-AUS/NZ with AUSTRALIAN/NEW ZEALAND plug



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

TECHNICAL FEATURES

Crimping force kN	15
Dimensions mm	
Length	335
Height	124
Width	79
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

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)	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

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

These tools are supplied without dies. For die selection, please refer to chart on pages 312 to 326

TECHNICAL FEATURES

Crimping force kN	50
Dimensions mm	
Length	364
Height	126
Width	79
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



Wide-opening head, ideal for derivations from running conductors



B450ND-BV

Tool Type	Plug Type	Supplied Battery Charger Type
B450ND-BV	PLUG EU	ASC55-EU with EUROPEAN plug
B450ND-BVE	PLUG UK	ASC55-UK with UK plug
B450ND-BVA	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/ CANADA plug
B450ND-BVT	PLUG AU NZ	ASC30-36-AUS/NZ with AUSTRALIAN/ NEW ZEALAND plug



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 18.0V - 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).

B500ND

18.0 V CORDLESS HYDRAULIC CRIMPING TOOL

general features

Tool Type	Plug Type	Supplied Battery Charger Type
B500ND	PLUG EU	ASC55-EU with EUROPEAN plug
B500NDE	PLUG UK	ASC55-UK with UK plug
B500NDA	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/CANADA plug
B500NDT	PLUG AU NZ	ASC30-36-AUS/NZ with AUSTRALIAN/NEW ZEALAND plug

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 312 to 326

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 +50°C	HEXAGONAL	RADIAL
INDENT	OVAL	CIRCULAR
CE	UK	CA



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 CEMBRE 50kN tools and heads.

TECHNICAL FEATURES

Crimping force kN	60
Dimensions mm	
Length	396
Height	126
Width	79
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

KIT-B500ND-1

B500ND COMPRESSION KIT

The kit includes B500ND 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



general features

KIT-B500ND-1

Kit includes:

- B500ND 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

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

STORAGE

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



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

The tool is supplied as:

- Basic tool with jaws CDD6N, battery and wrist strap
- Spare battery
- Battery charger
- USB cable
- Plastic carrying case suitable for storing the tool and accessories



Tool Type	Plug Type	Supplied Battery Charger Type
B540ND6	PLUG EU	ASC55-EU with EUROPEAN plug
B540ND6E	PLUG UK	ASC55-UK with UK plug

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

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 18.0V - 2.0Ah rechargeable high capacity batteries. Jaws rotate by 180° for ease of operation in confined spaces.

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.

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



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
CDD6-6N	"D3" TO ACCEPT ALL "W" STYLE CRIMPING DIES	Huskie	HT-58 Series
		Panduit	CD-2001 series
		FCI Burndy	W, X Series
		Greenlee	KD6 Series
CDD6-8N	"D3" TO ACCEPT ALL "W" STYLE CRIMPING DIES + "O" FIXED GROOVE	IlSCO	ND Series
		Huskie	HT-58 Series
		Panduit	CD-2001 series
		FCI Burndy	W, X Series
CMB4N	Cutting jaws for underground: Aluminum & Copper stranded cables. Max opening 32 mm	Greenlee	KD6 Series
		IlSCO	ND Series
		Huskie	HT-58 Series
		Panduit	CD-2001 series
CMB5N	Cutting jaws for OHL: up to 200 mm ² ACSR and BLX cable		
CMB6N	Cutting jaws for guy wires: Up to Ø 10 mm galvanised steel wire (<1250N/mm ²)		

B500

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 312 to 326

Tool Type	Plug Type	Supplied Battery Charger Type
B500	PLUG EU	ASC55-EU with EUROPEAN plug
B500E	PLUG UK	ASC55-UK with UK plug
B500A	PLUG USA/CA	ASC30-36-USA/CA (115V) with USA/ CANADA plug
B500T	PLUG AUS/NZ	ASC30-36-AUS/NZ with AUSTRALIAN/ NEW ZEALAND plug



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



B500-KV version also available for Power Supply Companies

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. 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.

B500 COMPRESSION KIT

general features

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



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	
MK12-50	
MK14-50	
MK16-50	
MK18-50	
MK20-50	
MK22-50	
MK25-50	
MK28-50	

KIT-B500-1

Kit includes:

B500 cordless hydraulic tool	
VAL-P38 plastic carrying case with accessories	
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-B500-2

Kit includes:

B500 cordless hydraulic tool		
VAL-P38 plastic carrying 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
MA5-50	PA5-50	
MA7-50	PA10-50	
MA10-50		
MA14-50	PA19-50	
MA19-50	PA24-50	

B600CND

18.0 V CORDLESS HYDRAULIC CRIMPING TOOL

general features

Tool Type	Plug Type	Supplied Battery Charger Type
B600CND	PLUG EU	ASC55-EU with EUROPEAN plug

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	
Cu DIN lugs and splices																					
L.V. lugs and splices																					
End sleeves																					

These tools are supplied without dies. For die selection, please refer to chart on pages 312 to 326



TECHNICAL FEATURES

Crimping force kN	60
Dimensions mm	
Length	397
Height	126
Width	79
Battery	18.0V 2.0Ah
Weight kg (with Battery)	3,15

STORAGE

Type	VAL-P63
Dimensions mm L x W x H	620 x 360 x 138
Weight kg	2,6
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

B600CND is 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.

B600CND is suitable for crimping electrical connectors onto conductor cross sections up to 300 mm². Equipped with Li-Ion 18.0V - 2.0Ah rechargeable high capacity batteries. Head rotate by 180° for ease of operation in confined spaces.

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:

- generated crimping force thus verifying accordance with best practice
- battery charge status
- general operating information
- the number of work cycles completed and remaining before.

18.0 V CORDLESS HYDRAULIC CRIMPING TOOL

B600C

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	
Cu DIN lugs and splices																					
L.V. lugs and splices																					
End sleeves																					

These tools are supplied without dies. For die selection, please refer to chart on pages 312 to 326

TECHNICAL FEATURES

Crimping force kN	60
Dimensions mm	
Length	300
Height	350
Width	83
Battery	18.0V 5.2Ah
Weight kg (with Battery)	4,5

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 accessories

Tool Type	Plug Type	Supplied Battery Charger Type
B600C	PLUG EU	ASC55-EU with EUROPEAN plug



The B600C is a new generation of portable cordless tools that are characterized by even better functionality. The B600C is suitable for crimping cable lugs and connectors up to 300 mm².

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.

B1350-C

18.0 V CORDLESS HYDRAULIC CRIMPING TOOL

general features

Tool Type	Plug Type	Supplied Battery Charger Type
B1350-C	PLUG EU	ASC55-EU with EUROPEAN plug
B1350-CE	PLUG UK	ASC55-UK with UK plug
B1350-CA	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/CANADA plug
B1350-CT	PLUG AUS NZ	ASC30-36-AUS/NZ with AUSTRALIAN/NEW ZEALAND plug

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 312 to 326



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-C 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.



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

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 312 to 326

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



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

B1350L-C

Tool Type	Plug Type	Supplied Battery Charger Type
B1350L-C	PLUG EU	ASC55-EU with EUROPEAN plug
B1350L-CE	PLUG UK	ASC55-UK with UK plug
B1350L-CA	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/CANADA plug
B1350L-CT	PLUG A NZ AUS	ASC30-36-AUS/NZ with AUSTRALIAN/NEW ZEALAND plug



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. 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.

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	680	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 312 to 326

Tool Type	Plug Type	Supplied Battery Charger Type
B1350-UC	PLUG EU	ASC55-EU with EUROPEAN plug
B1350-UC-E	PLUG UK	ASC55-UK with UK plug
B1350-UC-A	PLUG USA/CA	ASC30-36-USA/CA (115V) with USA/CANADA plug
B1350-UC-T	PLUG AU/NZ	ASC30-36-AUS/NZ with AUSTRALIAN/NEW ZEALAND plug



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-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). 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-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 312 to 326

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

Tool Type	Plug Type	Supplied Battery Charger Type
B1300-C	PLUG EU	ASC55-EU with EUROPEAN plug
B1300-CE	PLUG UK	ASC55-UK with UK plug
B1300-CA	PLUG USA CAN	ASC30-36-AUS/CA (115V) with USA/ CANADA plug
B1300-CT	PLUG AUZ NZ	ASC30-36-AUS/NZ with AUSTRALIAN/ NEW ZEALAND plug

132kN	Li-Ion 18.0V	SPEED
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 +50°C
HEXAGONAL	RADIAL	INDENT
OVAL	CIRCULAR	CE
UK	CA	

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	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-B1300-C-2

Kit includes:		
B1300-C cordless hydraulic tool		
VAL-P44 plastic carrying case with accessories		
11 die sets:		
Nest	Indentor	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-B1300-C-MK

Kit includes:	
B1300-C cordless hydraulic tool	
VAL-P44 plastic carrying case with accessories	
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	

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 312 to 326

Tool Type	Plug Type	Supplied Battery Charger Type
B1300L-C	PLUG EU	ASC55-EU with EUROPEAN plug
B1300L-CE	PLUG UK	ASC55-UK with UK plug
B1300L-CA	PLUG USA/CA	ASC30-36-USA/CA (115V) with USA/CANADA plug
B1300L-CT	PLUG AU/NZ	ASC30-36-AUS/NZ with AUSTRALIAN/NEW ZEALAND plug



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 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

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. 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

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 312 to 326

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	✓

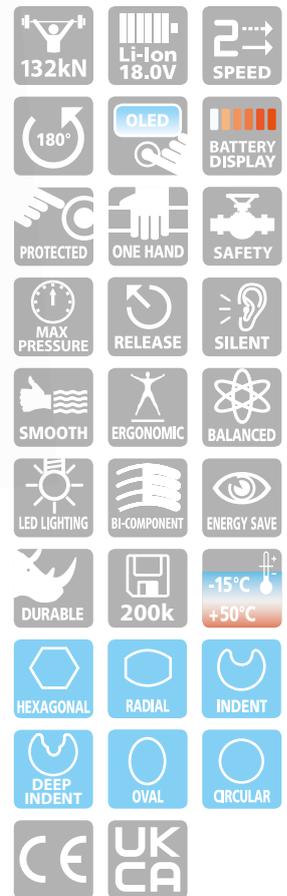
*Suitable for the storage of accessories for crimping Aluminium connectors



VAL-130

B1300-UC

Tool Type	Plug Type	Supplied Battery Charger Type
B1300-UC	PLUG EU	ASC55-EU with EUROPEAN plug
B1300-UC-E	PLUG UK	ASC55-UK with UK plug
B1300-UCA	PLUG USA	ASC30-36-USA/CA (115V) with USA/ CANADA plug
B1300-UCT	PLUG NZ AUS	ASC30-36-AUS/NZ with AUSTRALIAN/ NEW ZEALAND plug



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).

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.

B-TC250ND

18.0 V CORDLESS HYDRAULIC CUTTING TOOL

overhead line application

MAIN APPLICATIONS

specifically designed to cut Copper, aldrej, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having Ø max 25 mm

Tool Type	Plug Type	Supplied Battery Charger Type
B-TC250ND	PLUG EU	ASC55-EU with EUROPEAN plug
B-TC250NDE	PLUG UK	ASC55-UK with UK plug
B-TC250YNDA	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/CANADA plug
B-TC250NDT B-TC250YNDT	PLUG AUS NZ	ASC30-36-AUS/NZ with AUSTRALIAN/NEW ZEALAND plug



TECHNICAL FEATURES

Max cutting Ø mm	25
Dimensions mm	
Length	401
Height	126
Width	79
Battery	18.0V 2.0Ah
Weight kg (with Battery)	3,5

STORAGE

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



B-TC250ND is a new generation of hand-held cordless tools, characterised by a "Bilinear" mechanical design.

B-TC250ND is specifically designed to cut Copper, aldrej, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having a max overall diameter of 25 mm.

The blades are manufactured from high strength special Steel, heat treated to ensure a long service life. New Li-Ion 18.0V - 2.0Ah batteries offer a higher capacity, while greater cutting speed and cutting force result from a revitalised hydraulic system with double speed action.

The battery is equipped with led indicators that indicate the remaining battery life at any time by pressing the adjacent button.

Quieter operation, illumination of the working area via LED lights and a minimum of vibration enhance the tool's practicality. Two batteries and charger included.

Same charger of all our tools. Operating temperature: -15 to +50 °C

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

CUTTING CAPACITY - a few examples

	MATERIAL	TENSILE STRENGTH (daN/mm ²)	MAX CUTTING DIAMETER (mm)		
			B-TC250ND B-TC250YNDA	B-TC250NDE B-TC250NDT	B-TC250YNDT
ROPE & CONDUCTORS	COPPER	≤ 41	25		
	ALUMINIUM	≤ 20	25		
	ALMELEC	≤ 34	25		
	STEEL	≤ 180	INDICATIVE EXAMPLES: 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		
	MULTI STRANDS STEEL (STRANDS Qty ≥ 200)	≤ 180	18		
	ACSR	≤ 180	25 INDICATIVE EXAMPLES: 26 x 2,50 + 7 x 1,95 : Ø est. = 15,85 26 x 3,06 + 7 x 2,38 : Ø est. = 19,38 26 x 3,60 + 7 x 2,80 : Ø est. = 22,80		
RODS	STEEL	≤ 60	13		
		≤ 42	16		
	COPPER	≤ 30	20		
		≤ 25	23		
	ALUMINIUM	≤ 16	25		

18.0 V CORDLESS HYDRAULIC CUTTING TOOL

overhead line application

MAIN APPLICATIONS

specifically designed to cut Copper, aldrej, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having Ø max 32 mm

TECHNICAL FEATURES

Max cutting Ø mm	32
Dimensions mm	
Length	443
Height	126
Width	79
Battery	18.0V 2.0Ah
Weight kg (with Battery)	3,95

STORAGE

Type	VAL-P48
Dimensions mm L x W x H	620 x 360 x 138
Weight kg	2,4
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



CUTTING CAPACITY - a few examples

Section mm ²	Ø mm	Stranding	Cable Type
120	13,3 mm	-	RIM120
50	8,9	7 x 2,95 mm	Bronze
70	10,3	19 x 2,06 mm	Bronze
95	12,5	19 x 2,50 mm	Bronze
70	10,7	19/2,14	Aluminium
95	12,5	19/2,5	Aluminium
150	15,75	37/2,25	Aluminium
323	23,25	19/4,65	Aluminium
415	-	37/3,78	Aluminium
35/6	8,1	6/2,70 + 1/2,70	Aluminium-steel
50/8	9,6	6/3,20 + 1/3,20	Aluminium-steel
50/30	11,7	12/2,33 + 7/2,33	Aluminium-steel
70/12	11,6	26/1,85 + 7/1,44	Aluminium-steel
95/15	13,4	26/2,15 + 7/1,67	Aluminium-steel
150/25	17,3	26/2,70 + 7/2,10	Aluminium-steel
170/40	18,95	30/2,79 + 7/2,79	Aluminium-steel
185/30	19,0	26/3,00 + 7/2,33	Aluminium-steel
230/30	21,0	24/3,5 + 7/2,33	Aluminium-steel
240/40	21,9	26/3,45 + 7/2,68	Aluminium-steel
495/35	29,9	45/3,74 + 7/2,49	Aluminium-steel
297,7 (OSPREY)	22,33	18/4,47 + 1/4,47	Aluminium-steel
327,9 (DOVE)	23,55	26/3,72 + 7/2,84	Aluminium-steel
239	20,1	37/2,87	Rope Aluminium Alloy
50	11,0	Class 5	Aluminium flex
95	18,5 mm	-	Steel flex
153	16,0	19/3,2	Cu
70	19,5	2214/0,2	Cu extra flex
16	9,0	126/0,4	Cu flex
120	19,9	608/0,5	Cu flex
240	-	1221/0,5	Cu flex

B-TC320ND

Tool Type	Plug Type	Supplied Battery Charger Type
B-TC320ND	PLUG EU	ASC55-EU with EUROPEAN plug
B-TC320NDE	PLUG UK	ASC55-UK with UK plug
B-TC320NDA	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/CANADA plug
B-TC320NDT	PLUG AUZ NZ	ASC30-36-AUS/NZ with AUSTRALIAN/NEW ZEALAND plug



B-TC320ND is a new generation of hand-held cordless tools, characterised by a "Bilinear" mechanical design.

B-TC320ND is specifically designed to cut Copper, aldrej, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having a max overall diameter of 32 mm.

The blades are manufactured from high strength special Steel, heat treated to ensure a long service life. New Li-Ion 18.0V - 2.0Ah batteries offer a higher capacity, while greater cutting speed and cutting force result from a revitalised hydraulic system with double speed action.

The battery is equipped with led indicators that indicate the remaining battery life at any time by pressing the adjacent button. Quieter operation, illumination of the working area via LED lights and a minimum of vibration enhance the tool's practicality.

Two batteries and charger included.

Same charger of all our tools.

Operating temperature:

-15 to +50 °C

B-TC250

18.0 V CORDLESS HYDRAULIC CUTTING TOOL

overhead line application

MAIN APPLICATIONS

specifically designed to cut Copper, aldrej, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having Ø max 25 mm

Tool Type	Plug Type	Supplied Battery Charger Type
B-TC250	PLUG EU	ASC55-EU with EUROPEAN plug
B-TC250E	PLUG UK	ASC55-UK with UK plug
B-TC250YA	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/CANADA plug
B-TC250T	PLUG AUS NZ	ASC30-36-AUS/NZ with AUSTRALIAN/NEW ZEALAND plug



TECHNICAL FEATURES

Max cutting Ø mm	25
Dimensions mm	
Length	300
Height	337
Width	83
Battery	18.0V 5.2Ah
Weight kg (with Battery)	4,65

STORAGE

Type	VAL-P40
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 accessories

Next generation of 18.0 V cordless hydraulic cutting tool specifically designed to cut Copper, aldrej, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having a max overall diameter of 25 mm.

The blades are manufactured from high strength special Steel, heat treated to ensure a long service life.

New Li-Ion 18.0V - 5.2Ah batteries offer a higher capacity, while greater cutting speed and cutting force result from a revitalised hydraulic system with double speed action.

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

The head can rotate through 180 degrees, to enable the operator to work in the most comfortable position, and can easily be opened to allow cutting of running cables. 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. Operating temperature: -15 to +50 °C

CUTTING CAPACITY - a few examples

	MATERIAL	TENSILE STRENGTH (daN/mm ²)	MAX CUTTING DIAMETER (mm)	
			B-TC250 B-TC250YA	B-TC250E B-TC250T
ROPE & CONDUCTORS	COPPER	≤ 41	25	
	ALUMINIUM	≤ 20	25	
	ALMELEC	≤ 34	25	
	STEEL	≤ 180	INDICATIVE EXAMPLES: 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	
	MULTI STRANDS STEEL (STRANDS Qty ≥ 200)	≤ 180	18	
	ACSR	≤ 180	25 INDICATIVE EXAMPLES: 26 x 2,50 + 7 x 1,95 : Ø est. = 15,85 26 x 3,06 + 7 x 2,38 : Ø est. = 19,38 26 x 3,60 + 7 x 2,80 : Ø est. = 22,80	
RODS	STEEL	≤ 60	13	
		≤ 42	16	
	COPPER	≤ 30	20	
		≤ 25	23	
	ALUMINIUM	≤ 16	25	

18.0 V CORDLESS HYDRAULIC CUTTING TOOL

overhead line application

MAIN APPLICATIONS

specifically designed to cut Copper, aldrej, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having Ø max 45 mm

TECHNICAL FEATURES

Max cutting Ø mm	45
Dimensions mm	
Length	407
Height	401
Width	88
Battery	18.0V 5.2Ah
Weight kg (with Battery)	6,7

STORAGE

Type	VAL-P40
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 accessories

B-TC450

Tool Type	Plug Type	Supplied Battery Charger Type
B-TC450	PLUG EU	ASC55-EU with EUROPEAN plug
B-TC450E	PLUG UK	ASC55-UK with UK plug
B-TC450A	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/ CANADA plug



CUTTING CAPACITY - a few examples

	MATERIAL	TENSILE STRENGTH (daN/mm ²)	MAX CUTTING DIAMETER (mm)	
			B-TC450	B-TC450E B-TC450A
ROPE & CONDUCTORS	COPPER	≤ 41	45	
	ALUMINIUM	≤ 20	45	
	ALMELEC	≤ 34	45	
	STEEL	≤ 180	INDICATIVE EXAMPLES: 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	
	MULTI STRANDS STEEL (STRANDS Qty ≥ 200)	≤ 180	18	
RODS	ACSR	≤ 180	45 INDICATIVE EXAMPLES: 26 x 2,50 + 7 x 1,95 : Ø est. = 15,85 26 x 3,06 + 7 x 2,38 : Ø est. = 19,38 26 x 3,60 + 7 x 2,80 : Ø est. = 22,80 54 x 3,50 + 19 x 2,10 : Ø est. = 31,50 54 x 4,36 + 19 x 2,62 : Ø est. = 39,20	
	STEEL	≤ 60	18	
		≤ 42	20	
	COPPER	≤ 30	30	
	ALUMINIUM	≤ 16	45	

Next generation of 18.0 V cordless hydraulic cutting tool specifically designed to cut Copper, aldrej, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having a max overall diameter of 45 mm.

The blades are manufactured from high strength special Steel, heat treated to ensure a long service life.

New Li-Ion 18.0V - 5.2Ah batteries offer a higher capacity, while greater cutting speed and cutting force result from a revitalised hydraulic system with double speed action.

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

The head can rotate through 180 degrees, to enable the operator to work in the most comfortable position, and can easily be opened to allow cutting of running cables.

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.

Operating temperature:

-15 to +50 °C

B-TC500Y

18.0 V CORDLESS HYDRAULIC CUTTING TOOL

overhead line application

MAIN APPLICATIONS

specifically designed to cut Copper, Aluminum, Aluminum-Steel cables (ACSR) having Ø max 50 mm

Not suitable for cutting stay wire, Steel rope or earthing rod

Tool Type	Plug Type	Supplied Battery Charger Type
B-TC500Y	PLUG EU	ASC55-EU with EUROPEAN plug
B-TC500YE	PLUG UK	ASC55-UK with UK plug
B-TC500YA	PLUG 22A	ASC30-36-USA/CA (115V) with USA/CANADA plug



TECHNICAL FEATURES

Max cutting Ø mm	50
Dimensions mm	
Length	405
Height	398
Width	83
Battery	18.0V 5.2Ah
Weight kg (with Battery)	5,8

STORAGE

Type	VAL-P40
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 accessories

Next generation of 18.0 V cordless hydraulic cutting tool specifically designed to cut Copper, Aluminum, Aluminum-Steel cables (ACSR) having a max overall diameter of 50 mm. The blades are manufactured from high strength special Steel, heat treated to ensure a long service life.

New Li-Ion 18.0V - 5.2Ah batteries offer a higher capacity, while greater cutting speed and cutting force result from a revitalised hydraulic system with double speed action.

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

The head can rotate through 90 degrees, to enable the operator to work in the most comfortable position, and can easily be opened to allow cutting of running cables.

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.

Operating temperature: -15 to +50 °C

18.0 V CORDLESS HYDRAULIC CUTTING TOOL

overhead line application

B-TC550

MAIN APPLICATIONS

specifically designed to cut Copper, Alredy, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having Ø max 55 mm

TECHNICAL FEATURES

Max cutting Ø mm	55
Dimensions mm	
Length	441
Height	424
Width	87
Battery	18.0V 5.2Ah
Weight kg (with Battery)	8,9

STORAGE

Type	VAL-P40
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 accessories

Tool Type	Plug Type	Supplied Battery Charger Type
B-TC550	PLUG EU	ASC55-EU with EUROPEAN plug
B-TC550E	PLUG UK	ASC55-UK with UK plug
B-TC550A	PLUG USA	ASC30-36-USA/CA (115V) with USA/ CANADA plug
B-TC550T	PLUG AU/NZ	ASC30-36-AUS/NZ with AUSTRALIAN/ NEW ZEALAND plug



CUTTING CAPACITY - a few examples

	MATERIAL	TENSILE STRENGTH (daN/mm²)	MAX CUTTING DIAMETER (mm)	
			B-TC550 B-TC550A	B-TC550E B-TC550T
ROPE & CONDUCTORS	COPPER	≤ 41	55	
	ALUMINIUM	≤ 20	55	
	ALMELEC	≤ 34	55	
	STEEL	≤ 180	INDICATIVE EXAMPLES: 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	
	MULTI STRANDS STEEL (STRANDS Qty ≥ 200)	≤ 180	22	
	ACSR	≤ 180	50 INDICATIVE EXAMPLES: 26 x 2,50 + 7 x 1,95 : Ø est. = 15,85 26 x 3,06 + 7 x 2,38 : Ø est. = 19,38 26 x 3,60 + 7 x 2,80 : Ø est. = 22,80 26 x 4,44 + 7 x 3,45 : Ø est. = 28,14 54 x 3,50 + 19 x 2,10 : Ø est. = 31,50 54 x 4,36 + 19 x 2,62 : Ø est. = 39,20 83 x 4,60 + 16 x 2,80 : Ø est. = 50,00	
	GUY WIRE (GW15-9/16-188)	Extra high strength grade	7 x 4,77 : Ø est. = 14,30 mm	
RODS	STEEL	≤ 60	20	
		≤ 42	22	
	COPPER	≤ 30	34	
		≤ 25	38,5	
	ALUMINIUM	≤ 16	50	

Next generation of 18.0 V cordless hydraulic cutting tool. Specifically designed to cut Copper, Alredy, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having a max overall diameter of 55 mm.

The blades are manufactured from high strength special Steel, heat treated to ensure a long service life.

New Li-Ion 18.0V - 5.2Ah batteries offer a higher capacity, while greater cutting speed and cutting force result from a revitalised hydraulic system with double speed action. The battery is equipped with LED indicators to show the remaining battery life at any time by pressing the adjacent button.

The head can rotate through 330 degrees, to enable the operator to work in the most comfortable position, and can easily be opened to allow cutting of running cables.

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.

Operating temperature:

-15 to +50 °C

B-TC320NDF

18.0 V CORDLESS HYDRAULIC CUTTING TOOL

industrial application

MAIN APPLICATIONS

specifically designed to cut Copper, Aluminium and Telecommunications cable having Ø max 32 mm

Tool Type	Plug Type	Supplied Battery Charger Type
B-TC320NDF	PLUG EU	ASC55-EU with EUROPEAN plug
B-TC320NDFE	PLUG UK	ASC55-UK with UK plug
B-TC320NDFA	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/CANADA plug
B-TC320NDFT	PLUG AUS NZ	ASC30-36-AUS/NZ with AUSTRALIAN/NEW ZEALAND plug



B-TC320NDF is a new generation of hand-held cordless tools, characterised by a "Bilinear" mechanical design.

B-TC320NDF is specifically designed to cut Copper, Aluminium and telecommunication cable having a max overall diameter of 32 mm.

The blades are manufactured from high strength special Steel, heat treated to ensure a long service life. New Li-Ion 18.0V - 2.0Ah batteries offer a higher capacity, while greater cutting speed and cutting force result from a revitalised hydraulic system with double speed action.

The battery is equipped with led indicators that indicate the remaining battery life at any time by pressing the adjacent button.

The head can rotate through 180

degrees, to enable the operator to work in the most comfortable position, and can easily be opened to allow cutting of running cables.

Quieter operation, illumination of the working area via LED lights and a minimum of vibration enhance the tool's practicality.

Two batteries and charger included.

Same charger of all our tools.

Operating temperature:

-15 to +50 °C



TECHNICAL FEATURES

Max cutting Ø mm	32
Dimensions mm	
Length	443
Height	126
Width	79
Battery	18.0V 2.0Ah
Weight kg (with Battery)	4,0

STORAGE

Type	VAL-P48
Dimensions mm L x W x H	620 x 360 x 138
Weight kg	2,4
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

18.0 V CORDLESS HYDRAULIC CUTTING TOOL

industrial application

MAIN APPLICATIONS

specifically designed to cut Copper, Aluminium and Telecommunications cable having Ø max 52,5 mm

TECHNICAL FEATURES

Max cutting Ø mm	52,5
Dimensions mm	
Length	529
Height	135
Width	79
Battery	18.0V 2.0Ah
Weight kg (with Battery)	3,91



STORAGE

Type	VAL-P59
Dimensions mm L x W x H	620 x 360 x 138
Weight kg	2,4
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



B-TC500ND-SC

Tool Type	Plug Type	Supplied Battery Charger Type
B-TC500ND-SC	PLUG EU	ASC55-EU with EUROPEAN plug
B-TC500ND-SCE	PLUG UK	ASC55-UK with UK plug
B-TC500ND-SCA	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/CANADA plug
B-TC500ND-SCT	PLUG AUZ NZ	ASC30-36-AUS/NZ with AUSTRALIAN/NEW ZEALAND plug



B-TC500ND-SC is a new generation of hand-held cordless tools, characterised by a "Bilinear" mechanical design.

B-TC500ND-SC is specifically designed to cut Copper, Aluminium and telecommunication cable having a max overall diameter of 52,5 mm.

The blades are manufactured from high strength special Steel, heat treated to ensure a long service life. New Li-Ion 18.0V - 2.0Ah batteries offer a higher capacity, while greater cutting speed and cutting force result from a revitalised hydraulic system with double speed action.

The battery is equipped with led indicators that indicate the remaining battery life at any time by pressing the adjacent button.

The head can rotate through 180 degrees, to enable the operator to work in the most comfortable position, and can easily be opened to allow cutting of running cables.

Quieter operation, illumination of the working area via LED lights and a minimum of vibration enhance the tool's practicality.

Two batteries and charger included.

Same charger of all our tools.

Operating temperature:

-15 to +50 °C

B-TC500

18.0 V CORDLESS HYDRAULIC CUTTING TOOL

industrial application

MAIN APPLICATIONS

specifically designed to cut Copper, Aluminium and Telecommunications cable having Ø max 50 mm

Tool Type	Plug Type	Supplied Battery Charger Type
B-TC500	PLUG EU	ASC55-EU with EUROPEAN plug
B-TC500E	PLUG UK	ASC55-UK with UK plug
B-TC500A	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/CANADA plug
B-TC500T	PLUG AUS NZ	ASC30-36-AUS/NZ with AUSTRALIAN/NEW ZEALAND plug



TECHNICAL FEATURES

Max cutting Ø mm	50
Dimensions mm	
Length	405
Height	398
Width	83
Battery	18.0V 5.2Ah
Weight kg (with Battery)	5,8

STORAGE

Type	VAL-P40
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 accessories

Next generation of 18.0 V cordless hydraulic cutting tool specifically designed to cut Copper, Aluminium and telecommunication cable having a max overall diameter of 50 mm.

The blades are manufactured from high strength special Steel, heat treated to ensure a long service life.

New Li-Ion 18.0V - 5.2Ah batteries offer a higher capacity, while greater cutting speed and cutting force result from a revitalised hydraulic system with double speed action.

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

The head can rotate through 90 degrees, to enable the operator to work in the most comfortable position, and can easily be opened to allow cutting of running cables.

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.

Operating temperature: -15 to +50 °C

18.0 V CORDLESS HYDRAULIC CUTTING TOOL

industrial application

B-TC650

MAIN APPLICATIONS

specifically designed to cut Copper, Aluminium and Telecommunications cable having Ø max 65 mm



TECHNICAL FEATURES

Max cutting Ø mm	65
Dimensions mm	
Length	429
Height	415
Width	83
Battery	18.0V 5.2Ah
Weight kg (with Battery)	6,4



STORAGE

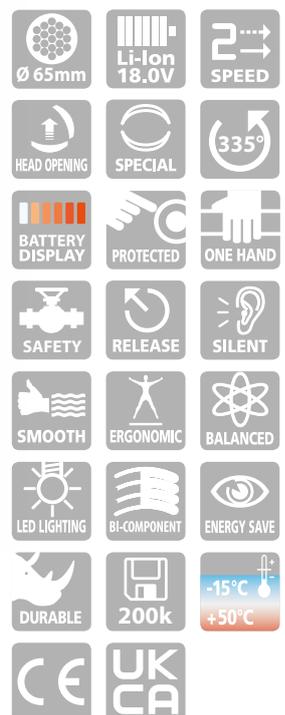
Type	VAL-P40
Dimensions mm L x W x H	520 x 432 x 126
Weight kg	2,6
Supplied with the tool	✓



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 accessories

Tool Type	Plug Type	Supplied Battery Charger Type
B-TC650	PLUG EU	ASC55-EU with EUROPEAN plug
B-TC650E	PLUG UK	ASC55-UK with UK plug
B-TC650A	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/ CANADA plug
B-TC650T	PLUG A NZ AUS	ASC30-36-AUS/NZ with AUSTRALIAN/ NEW ZEALAND plug



Next generation of 18.0 V cordless hydraulic cutting tool specifically designed to cut Copper, Aluminium and telecommunication cable having a max overall diameter of 65 mm.

The blades are manufactured from high strength special Steel, heat treated to ensure a long service life.

New Li-Ion 18.0V - 5.2Ah batteries offer a higher capacity, while greater cutting speed and cutting force result from a revitalised hydraulic system with double speed action. The battery is equipped with LED indicators to show the remaining battery life at any time by pressing the adjacent button.

The head can rotate through 335 degrees, to enable the operator to work in the most comfortable position, and can easily be opened to allow cutting of running cables.

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.

Operating temperature: -15 to +50 °C

B-TC650-SC

18.0 V CORDLESS HYDRAULIC CUTTING TOOL

industrial application

MAIN APPLICATIONS

specifically designed to cut Copper, Aluminium and Telecommunications cable having Ø max 65 mm

Tool Type	Plug Type	Supplied Battery Charger Type
B-TC650-SC	PLUG EU	ASC55-EU with EUROPEAN plug
B-TC650-SCE	PLUG UK	ASC55-UK with UK plug
B-TC650-SCA	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/ CANADA plug
B-TC650-SCT	PLUG AUS NZ	ASC30-36-AUS/NZ with AUSTRALIAN/ NEW ZEALAND plug



TECHNICAL FEATURES

Max cutting Ø mm	65
Dimensions mm	
Length	503
Height	464
Width	105
Battery	18.0V 5.2Ah
Weight kg (with Battery)	7,7

STORAGE

Type	VAL-B-TC950
Dimensions mm L x W x H	565 x 410 x 132
Weight kg	6,7
Supplied with the tool	✓

Next generation of 18.0 V cordless hydraulic cutting tool specifically designed to cut Copper, Aluminium and telecommunication cable having a max overall diameter of 65 mm.

The blades are manufactured from high strength special Steel, heat treated to ensure a long service life.

The open head and the "scissor" movement of the blades facilitate the cutting of running cables.

New Li-Ion 18.0V - 5.2Ah batteries offer a higher capacity, while greater cutting speed and cutting force result from a revitalised hydraulic system with double speed action.

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

The head can rotate through 180 degrees, to enable the operator to work in the most comfortable position, and can easily be opened to allow cutting of running cables.

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.

Operating temperature: -15 to +50 °C



The tool is supplied as:

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

18.0 V CORDLESS HYDRAULIC CUTTING TOOL

industrial application

B-TC950

MAIN APPLICATIONS

specifically designed to cut Copper, Aluminium and Telecommunications cable having Ø max 95 mm



TECHNICAL FEATURES

Max cutting Ø mm	95
Dimensions mm	
Length	518
Height	468
Width	83
Battery	18.0V 5.2Ah
Weight kg (with Battery)	7,8

STORAGE

Type	VAL-B-TC950
Dimensions mm L x W x H	565 x 410 x 132
Weight kg	6,7
Supplied with the tool	✓



The tool is supplied as:

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

Tool Type	Plug Type	Supplied Battery Charger Type
B-TC950	PLUG EU	ASC55-EU with EUROPEAN plug
B-TC950E	PLUG UK	ASC55-UK with UK plug
B-TC950A	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/ CANADA plug
B-TC950T	PLUG AUZ NZ	ASC30-36-AUS/NZ with AUSTRALIAN/ NEW ZEALAND plug



Next generation of 18.0 V cordless hydraulic cutting tool specifically designed to cut Copper, Aluminium and telecommunication cable having a max overall diameter of 95 mm.

The blades are manufactured from high strength special Steel, heat treated to ensure a long service life.

New Li-Ion 18.0V - 5.2Ah batteries offer a higher capacity, while greater cutting speed and cutting force result from a revitalised hydraulic system with double speed action.

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

The head can rotate through 335 degrees, to enable the operator to work in the most comfortable position, and can easily be opened to allow cutting of running cables.

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.

Operating temperature:

-15 to +50 °C

B-TC4500

18.0 V CORDLESS HYDRAULIC CUTTING TOOL

overhead line application

MAIN APPLICATIONS

specifically designed to cut Copper, aldrej, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having Ø max 45 mm

Tool Type	Plug Type	Supplied Battery Charger Type
B-TC4500	PLUG EU	ASC55-EU with EUROPEAN plug
B-TC4500E	PLUG UK	ASC55-UK with UK plug
B-TC4500A	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/CANADA plug
B-TC4500T	PLUG AUS NZ	ASC30-36-AUS/NZ with AUSTRALIAN/NEW ZEALAND plug



TECHNICAL FEATURES

Max cutting Ø mm	45
Dimensions mm	
Length	486
Height	239
Width	103
Battery	18.0V 5.2Ah
Weight kg (with Battery)	6,44

STORAGE

Type	VAL-PS4
Dimensions mm L x W x H	690 x 446 x 179
Weight kg	5,5
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 accessories

Next generation of 18.0 V cordless hydraulic cutting tool specifically designed to cut Copper, aldrej, Aluminium, Aluminium-Steel cables and Steel ropes, Aluminium and Steel rods having a max overall diameter of 45 mm.

The blades are manufactured from high strength special Steel, heat treated to ensure a long service life.

New Li-Ion 18.0V - 5.2Ah batteries offer a higher capacity, while greater cutting speed and cutting force result from a revitalised hydraulic system with double speed action.

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

The head can rotate through 180 degrees, to enable the operator to work in the most comfortable position, and can easily be opened to allow cutting of running cables. 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. Operating temperature: -15 to +50 °C

CUTTING CAPACITY - a few examples

	MATERIAL	TENSILE STRENGTH (daN/mm ²)	MAX CUTTING DIAMETER (mm)
			B-TC4500
ROPE & CONDUCTORS	COPPER	≤ 41	45
	ALUMINIUM	≤ 20	45
	ALMELEC	≤ 34	45
	STEEL	≤ 180	INDICATIVE EXAMPLES: 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
	MULTI STRANDS STEEL (STRANDS Qty ≥ 200)	≤ 180	18
	ACSR	≤ 180	45 INDICATIVE EXAMPLES: 26 x 2,50 + 7 x 1,95 : Ø est. = 15,85 26 x 3,06 + 7 x 2,38 : Ø est. = 19,38 26 x 3,60 + 7 x 2,80 : Ø est. = 22,80 54 x 3,50 + 19 x 2,10 : Ø est. = 31,50 54 x 4,36 + 19 x 2,62 : Ø est. = 39,20
RODS	STEEL	≤ 60	18
		≤ 42	20
	COPPER	≤ 30	30
	ALUMINIUM	≤ 16	45

18.0 V CORDLESS HYDRAULIC FRAME-TYPE HOLE PUNCHING TOOL

B-FC470

general features

MAIN APPLICATIONS

specifically designed to punching holes from 15,5 up to 47,2 mm diameter

TECHNICAL FEATURES

Max hole punch Ø mm	47,2
Max centre of hole to edge of trunking (mm)	53,5
Dimensions mm	
Length	379
Height	346
Width	83
Battery	18.0V 5.2Ah
Weight kg (with Battery)	6,2

STORAGE

Type	VAL-FC470
Dimensions mm L x P	559 x 459 x 131
Weight kg	6,7
Supplied with the tool	✓



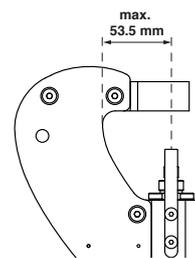
The tool is supplied as:

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



Table denotes the punch/die set reference, for each hole size. Suitable for punching holes in mild Steel, fibreglass or plastic material, up to 2 mm thick.

Hole Dimensions					Maximum thickness of mild Steel (mm)	Type
Nominal		Pg	ISO	Inch		
Ø (mm)	Ø (inch)					
15,5	.610	Pg9	-	-	2	RD15.5SS-FC
16,2	.638	-	ISO-16	-		RD16.2SS-FC
17,5	.689	-	-	-		RD17.5SS-FC
18,8	.740	Pg11	-	-		RD18.8SS-FC
19,1	.752	-	-	-		RD19.1SS
20,5	.807	Pg 13,5	ISO-20	-		RD20.5SS
22,6	.890	Pg16	-	-		RD22.6SS
23,8	.937	-	-	5/8"		RD23.8SS
25,4	1.000	-	ISO-25	-		RD25.4SS
27,0	1.063	-	-	3/4"		RD27SS
28,5	1.122	Pg21	-	-		RD28.5SS
30,5	1.201	-	-	7/8"		RD30.5SS
31,8	1.252	-	-	-		RD31.8SS
32,5	1.279	-	ISO-32	-		RD32.5SS
34,6	1.362	-	-	-		RD34.6SS
37,2	1.464	Pg29	-	-		RD37.2SS
38,1	1.500	-	-	-		RD38.1SS
40,5	1.594	-	ISO-40	-		RD40.5SS-FC
41,3	1.626	-	-	-		RD41.3SS-FC
42,5	1.673	-	-	1 1/4"		RD42.5SS-FC
43,2	1.701	-	-	-		RD43.2SS-FC
44,5	1.752	-	-	-		RD44.5SS-FC
47,2	1.858	Pg36	-	-		RD47.2SS-FC



Tool Type	Plug Type	Supplied Battery Charger Type
B-FC470	PLUG EU	ASC55-EU with EUROPEAN plug
B-FC470E	PLUG UK	ASC55-UK with UK plug
B-FC470A	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/ CANADA plug



Next generation of 18.0 V cordless hydraulic cutting tool specifically designed to punching holes from 15,5 up to 47,2 mm diameter in the side wall of trunking without the need for pre drilling.

New Li-Ion 18.0V - 5.2Ah batteries offer a higher capacity, while greater punch speed and punching force result from a revitalised hydraulic system with double speed action. The battery is equipped with led indicators that indicate the remaining battery life at any time by pressing the adjacent button. The head can rotate through 180 degrees, to enable the operator to work in the most comfortable position, and can easily be opened to allow cutting of running cables.

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.

Operating temperature:

-15 to +50 °C

Also available in the hand operated mechanical version MT-FC48N (see page 148).

B-FL750ND

18.0 V CORDLESS HYDRAULIC PULLER-TYPE HOLE PUNCHING TOOL

general features

MAIN APPLICATIONS

specifically designed for hole punching stainless Steel, mild Steel, fibreglass and plastic sheet materials up to 3,5 mm thickness

Tool Type	Plug Type	Supplied Battery Charger Type
B-FL750ND	PLUG EU	ASC55-EU with EUROPEAN plug
B-FL750NDE	PLUG UK	ASC55-UK with UK plug
B-FL750NDA	PLUG USA CAN	ASC30-36-USA/CA (115V) with USA/ CANADA plug
B-FL750NDT	PLUG AUS NZ	ASC30-36-AUS/NZ with AUSTRALIAN/ NEW ZEALAND plug



TECHNICAL FEATURES

Max Punching Ø mm	140
Dimensions mm	
Length	467
Height	126
Width	79
Battery	18.0V/2.0Ah
Weight kg (with Battery)	4,1

STORAGE

Type	VAL-P57
Dimensions mm L x W x H	620 x 360 x 138
Weight kg	2,4
Supplied with the tool	✓



B-FL750ND is a new generation of hand-held cordless tools, characterised by a "Bilinear" mechanical design. B-FL750ND is specifically designed for hole punching stainless Steel, mild Steel, fibreglass and plastic sheet materials up to 3,5 mm thickness. New Li-Ion 18.0V - 2.0Ah batteries offer a higher capacity, while greater punch speed and punching force result from a revitalised hydraulic system with double speed action. The battery is equipped with LED indicators that indicate the remaining battery life at any time by pressing the adjacent button.

The balanced punching head pivots 180deg through a full 360deg rotation for ease of use in confined spaces. 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. For the punch-die selection chart see page 290. Operating temperature: -15 to +50 °C

The tool is supplied as:

- Basic tool with battery and wrist strap
- Spare battery
- Battery charger
- USB cable
- Puller TD-11
- Puller TD-19
- Spiral bit Ø 11,5 mm
- Plastic carrying case suitable for storing the tool and accessories



Universal joint allows punching head to pivot 180deg over a full 360deg rotation.

18.0 V CORDLESS HYDRAULIC PULLER-TYPE HOLE PUNCHING TOOL

B-FL750

general features

MAIN APPLICATIONS

specifically designed for hole punching stainless Steel, mild Steel, fibreglass and plastic sheet materials up to 3,5 mm thickness

TECHNICAL FEATURES

Max Punching Ø mm	140
Dimensions mm	
Length	363
Height	366
Width	83
Battery	18.0V 5.2Ah
Weight kg (with Battery)	5,1

STORAGE

Type	VAL-P56
Dimensions mm L x W x H	690 x 446 x 179
Weight kg	5,5
Supplied with the tool	✓



The tool is supplied as:

- Basic tool with battery and shoulder strap
- Spare battery
- Battery charger; USB cable
- Puller TD-11; Puller TD-19
- Spiral bit Ø 11,5 mm
- Plastic carrying case suitable for storing the tool and accessories



Next generation of 18.0 V cordless hydraulic tool specifically designed for hole punching stainless Steel, mild Steel, fibreglass and plastic sheet materials up to 3,5 mm thickness. New Li-Ion 18.0V - 5.2Ah batteries offer a higher capacity than 14.4 V 3 Ah, while greater punch speed and punching force result from a revitalised hydraulic system with double speed action. The battery is equipped with LED indicators to show the remaining

battery life at any time by pressing the adjacent button. The balanced punching head pivots 180deg through a full 360deg rotation for ease of use in confined spaces. 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. For the punch-die selection chart see page 290.

Tool Type	Plug Type	Supplied Battery Charger Type
B-FL750	PLUG EU	ASC55-EU with EUROPEAN plug
B-FL750E	PLUG UK	ASC55-UK with UK plug
B-FL750A	PLUG USA CAR	ASC30-36-USA/CA (115V) with USA/CANADA plug
B-FL750T	PLUG NZ AUS	ASC30-36-AUS/NZ with AUSTRALIAN/NEW ZEALAND plug



Operating temperature: -15 to +50 °C

KIT FOR HOLE PUNCHING

general features

KIT-B-FL750-1

Kit includes:

B-FL750 cordless hydraulic puller-type hole punching tool	
VAL-P56 plastic carrying case with accessories	
Puller TD-11	
Puller TD-19	
spiral bit Ø 11,5 mm	
4 KIT for round punch:	
KIT-RD18.8SS	Pg11
KIT-RD20.5SS	Pg13.5
KIT-RD22.6SS	Pg16
KIT-RD28.5SS	Pg21



The tool is supplied as:

- Basic tool with battery and shoulder strap
- Spare battery
- Battery charger
- USB cable
- Puller TD-11, Puller TD-19
- Spiral bit Ø 11,5 mm
- Plastic carrying case suitable for storing the tool and accessories

KIT-B-FL750-1

PUNCHING ACCESSORIES AVAILABLE

for B-FL750ND, B-FL750 and KIT-B-FL750-1

Round punch

Hole diameter					Material max thickness (mm)		Pilot hole Ø (mm)	Type	
Nominal		Pg	ISO	GAS	Stainless Steel	Mild Steel		KIT (Punch + Die)	Puller
Ø (mm)	Ø (inch)								
15,5	.610	Pg9	-	-	2,5 mm (0.1 in.) Rm= 700 N/mm ²	3,5 mm (0.14 in.) Rm= 510 N/mm ²	11,5	TD-11	
16,2	.638	-	ISO-16	-					
17,0	.669	-	-	G3/8"					
17,5	.689	-	-	-					
18,8	.740	Pg11	-	-					
19,1	.752	-	-	-					
20,5	.807	Pg 13,5	ISO-20	-					
21,5	.846	-	-	G1/2"					
22,6	.890	Pg16	-	-					
23,8	.937	-	-	G5/8"					
25,4	1.000	-	ISO-25	-					
27,0	1.063	-	-	G3/4"					
28,5	1.122	Pg21	-	-					
30,5	1.201	-	-	G7/8"					
28,5	1.122	Pg 21	-	-	20,0	TD-19			
30,5	1.201	-	-	G7/8"					
31,8	1.252	-	-	-					
32,5	1.279	-	ISO-32	-					
34,0	1.338	-	-	G1"					
34,6	1.362	-	-	-					
37,2	1.464	Pg29	-	-					
38,1	1.500	-	-	-					
38,5	1.515	-	-	G1"1/8"					
40,5	1.594	-	ISO-40	-					
41,3	1.626	-	-	-					
42,5	1.673	-	-	G1"1/4"					
43,2	1.701	-	-	-					
44,5	1.752	-	-	-					
47,2	1.858	Pg36	-	-					
48,5	1.909	-	-	G1"1/2"					
50,5	1.988	-	ISO-50	-					
51,4	2.023	-	-	-					
52,4	2.063	-	-	-					
54,2	2.134	Pg42	-	G1"3/4"					
60,0	2.362	Pg48	-	G2"					
60,5	2.381	-	-	-					
64,0	2.520	-	ISO-63	-					
65,0	2.559	-	-	-					
76,0	2.992	-	-	G2"1/2"					
76,5	3.011	-	-	-					
80,5	3.169	-	-	-					
89,0	3.503	-	-	G3"					
90,0	3.543	-	-	-					
100,0	3.937	-	-	-					
102,0	4.015	-	-	-					
114,0	4.488	-	-	-					
120,0	4.724	-	-	-					
140,0	5.512	-	-	-					

Stainless Steel = Rm= 700 N/mm² - Mild Steel = Rm= 510 N/mm²

* Puller included in the kit

Square punch

Hole dimensions		Material max thickness (mm)		Pilot hole Ø (mm)	Type
Nominal		Stainless Steel	Mild Steel		
(mm)	(inch)				
21,0 x 21,0	.827 x .827	2,5	3,5	12,0	RD21X21
46,0 x 46,0	1.811 x 1.811	1,5	2,0	26,5	RD46X46
68,0 x 68,0	2.677 x 2.677			RD68X68	
92,0 x 92,0	3.622 x 3.622			RD92X92	
126,0 x 126,0	4.960 x 4.960			RD126X126	
138,0 x 138,0	5.433 x 5.433	1,0	1,5	28,5	RD138X138
220,0 x 220,0	8.661 x 8.661			RD220X220	
224,0 x 224,0	8.818 x 8.818			RD224X224	

Rectangular punch

Hole dimensions		Material max thickness (mm)		Pilot hole Ø (mm)	Type
Nominal		Stainless Steel	Mild Steel		
(mm)	(inch)				
18,0 x 46,0	.709 x 1.811	2,0	2,0	16,5	RD18X46
22,0 x 30,0	.866 x 1.181				RD22X30
22,0 x 46,0	.866 x 1.811				RD22X46
29,0 x 71,0	1.141 x 2.795				RD29X71
35,0 x 65,0	1.377 x 2.559				RD35X65
35,0 x 86,0	1.377 x 3.385			RD35X86	
35,0 x 112,0	1.377 x 4.409			RD35X112	
36,0 x 46,0	1.417 x 1.811			RD36X46	
37,0 x 54,0	1.456 x 2.125			RD37X54	
37,0 x 67,0	1.456 x 2.637			RD37X67	
37,0 x 88,0	1.456 x 3.464	RD37X88			
37,0 x 104,0	1.456 x 4.094	26,5	RD37X104		
37,0 x 115,0	1.456 x 4.527		RD37X115		
46,0 x 54,0	1.811 x 2.126		RD46X54		
46,0 x 72,0	1.811 x 2.835		RD46X72		
46,0 x 92,0	1.811 x 3.622		RD46X92		
46,0 x 107,0	1.811 x 4.212	RD46X107			
50,0 x 98,0	1.968 x 3.858	RD50X98			
67,0 x 126,0	2.637 x 4.960	28,5	RD67X126		
72,0 x 136,0	2.834 x 5.354		RD72X136		

Stainless Steel = Rm= 700 N/mm² - Mild Steel = Rm= 510 N/mm²

"D" punch

Hole dimensions		Material max thickness (mm)		Pilot hole Ø (mm)	Type
Nominal		Stainless Steel	Mild Steel		
(mm)	(inch)				
(a)38,3 x (b)36,6	(a)1.507 x (b)1.442	2,5	3,5	18,5	RD 18D
(a)43,1 x (b)41,5	(a)1.696 x (b)1.632				RD 24D

Stainless Steel = Rm= 700 N/mm² - Mild Steel = Rm= 510 N/mm²

Use of non-CEMBRE punching accessories

Type	Punch & Die	Pilot hole Ø mm
TRD-9.4C (*)	GREENLEE 3/8" - 24 UNF	Ø 10.0
TRD-M11C (*)	BM, COSMEC (M11x1.5), IMB 9602	Ø 11.5
TD-M16C	BM, COSMEC (M16x1.5)	Ø 16.5
TD-27	BM, COSMEC (Ø105÷Ø140)	Ø 27.5
TD-14X14-M14	BM, COSMEC 46x46	Ø 18.8
TD-120X20-M20	BM, COSMEC 92x92	Ø 27.5
TD-20X20-M20 (with plug)	BM, COSMEC 42x95	Ø 27.5
TGD-13.5X13.5-M13	BM, COSMEC 40x40; 45x45; 46x46 (M13)	Ø 18.8
TGD-10X10-M9	BM, COSMEC 006505	Ø 13.8
TD-9	IMB 9601	Ø 9.5
TD-16	IMB 9603	Ø 16.5
TD-10X10-M10 (with plug)	IMB 9623	Ø 14.5
TD-14X14-M14/1"	IMB 9625	Ø 19.5
TD-20 (without plug)	IMB 9626	Ø 27.5
TD-20X20-M20-C (with plug)	IMB 9626	Ø 27.5

(*) The washer supplied with the KIT must be threaded onto the draw stud and positioned between the head and the die to allow the die to rest correctly

18.0 V CORDLESS HYDRAULIC NUT SPLITTING TOOL

general features

B-TD270

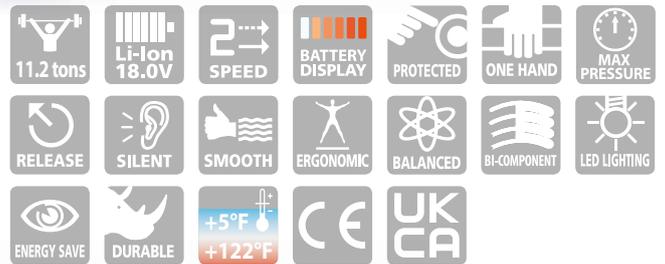
Crimping force kN	100
Dimensions mm	
Length (with tube and head)	1.292,5
Height	350
Depth	83
Battery	18.0V 5.2Ah
Weight kg (with battery)	5,5

18.0 V battery operated hydraulic tool suitable for splitting fastening bushes, hexagonal and square nuts with spanner from 16 to 27 mm.



B-TD270

Tool Type	Plug Type	Supplied Battery Charger Type
B-TD270	PLUG EU	ASC55-EU with EUROPEAN plug
B-TD270E	PLUG UK	ASC55-UK with UK plug
B-TD270A	PLUG USA	ASC30-36-USA/CA (115V) with USA/ CANADA plug
B-TD270T	PLUG AUS	ASC30-36-AUS/NZ with AUSTRALIAN/ NEW ZEALAND plug



B-TD410T

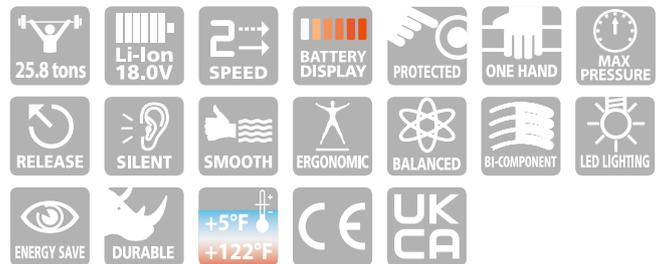
Crimping force kN	230
Dimensions mm	
Length (with tube and head)	1.360
Height	350
Depth	83
Battery	18.0V 5.2Ah
Weight kg (with battery)	8,8

18.0 V battery operated hydraulic tool suitable for splitting fastening bushes, hexagonal and square nuts with spanner from 27 to 41 mm.



B-TD410T

Tool Type	Plug Type	Supplied Battery Charger Type
B-TD410T	PLUG EU	ASC55-EU with EUROPEAN plug
B-TD410TE	PLUG UK	ASC55-UK with UK plug
B-TD410TA	PLUG USA	ASC30-36-USA/CA (115V) with USA/ CANADA plug
B-TD410T-T	PLUG AUS	ASC30-36-AUS/NZ with AUSTRALIAN/ NEW ZEALAND plug



Application range

Type	HEXAGONAL NUTS		SQUARE NUTS	
	mm	Ø	mm	Ø
B-TD270	16	M 10	17	M 10
	17	M 10	19	M 12
	18	M 12	22	M 14
	19	M 12	24	M 16
	21	M 14	27	M 18
	22	M 14		
	24	M 16		
B-TD410T	27	M 18	27	M 18
	27	M 18	27	M 18
	30	M 20	30	M 20
	32	M 22	32	M 22
	34	M 22	34	M 24
	36	M 24	36	M 27
	41	M 27		

STORAGE

Type	CVB-030
Dimensions mm L x W x H	497 x 266 x 455
Weight kg	1,4
Supplied with the tool	✓



MPC1



PRESSURE TEST DEVICE

for hydraulic pumps and tools

MPC1 device

The MPC1 device, complete with test adapter set, is used to measure the maximum oil pressure on all CEMBRE tools.

MPC2



MPC2 device

The MPC2 device, complete with test die set, to measure the maximum force developed by CEMBRE tools:
HT131-C, HT131LN-C, HT120, HT120-KV, RHC131, RHC131-KV, RHC131LN, B131-C, B131-C-KV, B131LN-C, B131LN-C-KV, B135-C, B135-C-KV, B135LN-C, B135LN-C-KV.

MPC4



MPC4 device

The MPC4 device, complete with test die set, to measure the maximum force developed by CEMBRE tools:
ECW-H3D, RHU240-3D-850, RHU300-3D

MPC7



MPC7 device

The MPC7 device, complete with test die set, to measure the maximum force developed by CEMBRE tools:
HT45, HT51, HT51-KV, HT51L, HT51L-KV, RH50, HT61, RH61, B15D (use adaptor available separately), B35-45MD, B35-50MD, B46, B51, B51-KV, B51L, B51L-KV, B54D, B55, B55-KV, B62.

HYDRAULIC PUMPS AND UNITS



PO7000

HYDRAULIC PUMP

foot operated



Foot operated double speed pump, developing a maximum pressure of 700 bar.

The pump is supplied with 3 m long high pressure flexible hose complete with female self-lock quick coupler.

Pressure can be withdrawn at any time during operation by depressing the release lever.

A solid shaped stand gives the pump stability during operation.

TECHNICAL FEATURES

Operating pressure bar	700
Dimensions mm	
Length	680
width	200
Height	163
Weight kg	9,8

STORAGE

Type	VAL-P21
Dimensions mm L x W x H	820 x 430 x 290
Weight kg	6,74
Supplied with the pump	✓



CPP-0

HYDRAULIC PUMP

foot operated



The CPP-0 air hydraulic power unit intensifies an air supply of 5÷8 bar (73-115 psi) to a power crimping or cutting force of up to 700 bar (10.000 psi) depending upon the input pressure.

The control pedal allows for advancing and pressure release at any stage of the operation.

The unit is provided with a 2 m high pressure flexible hose, including a 3/8" NPT female self-lock quick coupler.

TECHNICAL FEATURES

Operating pressure bar	700
Dimensions mm	
Length	320
width	150
Height	200
Weight kg	6,8

HYDRAULIC PUMP

powered by single-phase electric motor

CPE-1 CPE-1-110



TECHNICAL FEATURES

Operating pressure bar	700
Dimensions mm	
Length	372
width	223
Height	482
Weight kg	21

The pump is supplied with:

- high pressure flexible hose with male and female automatic quick coupler
- remote hand controller
- external supply connection cable



Electrically driven hydraulic pump, powered by a 230V / 50-60Hz single-phase electric motor. The remote hand controller allows advancement and pressure release on completion of the crimping operation.

The mechanically actuated emergency button located on the pump body allows the pressure release at any time in case of power shortage.

Also available CPE-1-110 version for 110-115V / 50-60Hz. Both models are IP 55 rated.

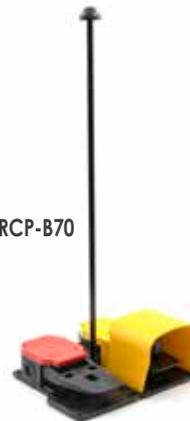
Available as optional accessories:

- Remote foot controller RCP-B70.
- Transportation trolley CS-CPE-1
- Control handle integrated with 3 m length flex hoses ERCH-WH

ERCH-WH



RCP-B70



CS-CPE-1



B1300PL

PORTABLE ELECTRO-HYDRAULIC PUMP

battery operated

Tool Type	Plug Type	Supplied Battery Charger Type
B1300PL	PLUG EU	ASC55-EU with EUROPEAN plug
B1300PLE	PLUG UK	ASC55-UK with UK plug
B1300PLA	PLUG USA	ASC30-36-USA/CA (115V) with USA/ CANADA plug
B1300PLT	PLUG AUS	ASC30-36-AUS/NZ with AUSTRALIAN/ NEW ZEALAND plug



TECHNICAL FEATURES

Operating pressure bar	700
Dimensions mm	
Length	354
width	103
Height	240
Battery	18.0V 5.2Ah
Weight kg (with Battery)	4,0

STORAGE

Type	VAL-P51
Dimensions mm L x W x H	690 x 446 x 179
Weight kg	5,5
Supplied with the pump	✓



The B1300PL pump is supplied with:

- 0,9 m flexible hose complete with male + female 3/8" NPT self-lock quick couplers.
- 18,0 V - 4,0 Ah Li-Ion high power battery
- Battery charger
- Shoulder strap
- Plastic carrying case suitable for storing the tool and accessories, type VALP51

New portable electro-hydraulic pump B1300PL is battery operated for independent use. Having the inherent strengths of the CEMBRE 18V tool range the B1300PL is a compact, lightweight pump suitable for a wide range of applications. New Li-Ion 18 V 5.2 Ah batteries offer a high capacity, while improved operating speed results from a revitalised hydraulic system with double speed action. A security valve assures operator safety. Designed with improved handling characteristics, B1300PL is easily manageable during the operating 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.

Pressure can be released at any time using the appropriate button.

APPLICATION RANGE

Crimping	Cutting	Punching
up to 130 kN	up to TC 050	RH-FL75 RH-FC48N

PORTABLE ELECTRO-HYDRAULIC PUMP

battery operated

B68M-P18

TECHNICAL FEATURES

Operating pressure bar	700
Dimensions mm	
Length	364
width	186
Height	236
Battery	18.0V 5.2Ah
Weight kg (with Battery)	5,6

STORAGE

Type	CVB-031
Dimensions mm L x W x H	620 x 300 x 320
Weight kg	2,4
Supplied with the pump	✓



The B68M-P18 pump is supplied with:

- Remote control provides LED working lights and an OLED display
- 2 m flexible hose complete with rotatable Q14-F quick coupler on the pump and female 3/8" NPT self-lock quick couplers
- 18.0 V - 4.0 Ah Li-Ion high power battery (2 pcs.)
- Canvas bag suitable for storing the tool and accessories
- Battery charger
- Shoulder strap



APPLICATION RANGE

Crimping	Cutting	Punching
up to 230 kN	up to TC 120	RH-FL75 RH-FC48N

Example of operating information on OLED display:



Operating mode



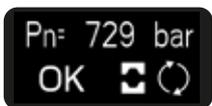
Battery level



Release mode



No. of cycles



Pressure mode



Motor temperature

New portable electro-hydraulic pump B68M-P18 is battery operated for independent use.

Having the inherent strengths of the CEMBRE 18V tool range, the B68M-P18 is a lightweight high capacity pump equipped with an innovative remote control suitable for a wide range of applications. New Li-Ion 18V 5.2 Ah batteries offer a high capacity, while improved operating speed results from a revitalised hydraulic system with double speed action.

A maximum pressure sensor assures greater precision and repeatability of the pressure cycle, while a security valve doubles the provision for operator safety.

The unit has a manual pressure release button in case of emergency. Easy access to the oil reservoir is by means of an oil top-up inlet. The innovative remote control provides LED working lights and an OLED display of essential real time

Tool Type	Plug Type	Supplied Battery Charger Type
B68M-P18	PLUG EU	ASC55-EU with EUROPEAN plug
B68M-P18E	PLUG UK	ASC55-UK with UK plug
B68M-P18A	PLUG USA	ASC30-36-USA/CA (115V) with USA/CANADA plug
B68M-P18T	PLUG NZ AUS	ASC30-36-AUS/NZ with AUSTRALIAN/NEW ZEALAND plug



tool operating information including:

- Operating mode selection
- Release mode selection: Smart release, manual release
- Minimum set pressure and momentary pressure reached expressed in bar allows verification of correct operation
- Battery charge level
- No. of cycles performed
- No. of cycles before scheduled recommended maintenance
- Motor temperature

The pump features a rubber pocket to store and protect the remote control.

Low noise levels aid operator comfort while additional convenience and safety are provided by LED lighting on the remote control.

Selecting the SMART release mode on the OLED display allows the operating pressure to be maintained until the operating button is released, thus allowing the operator to make a visual check of, say, the crimped connection.



PORTABLE ELECTRO-HYDRAULIC PUMPS B70M-P36 RANGE

battery operated



Easily accessible oil top-up inlet



Toggle button for direct operation via the pump



Remote electrical hand or foot controller connection



High pressure hose connects to automatic self-lock quick coupling with protective cap



Automatic battery connection system



New generation pumps B70M-P36 are powered by an all new 36.0V 6.2Ah Li-Ion high capacity rechargeable battery providing independence and portability. Fitted with a maximum pressure sensor (EPS) for enhanced precision and repeatability of the maximum pressure cycle, and a pressure relief valve providing additional safety for the operator. These units feature the Smart Release system which automatically retracts the ram at the end of the operating cycle. The manual toggle button can be used to operate and release the pressure directly from the pump. (inhibited when the remote control is used for safety reasons). Oil top-up inlet for easy access to the oil reservoir. Extremely compact and suitable for a wide range range of applications. The CEMBRE logo acts as an indicator by changing colour to provide the operator with instantaneous visual confirmation of the pumps status, such as: pump ready, pump in use, end of cycle, cycle error, anomaly, maintenance required. The new design and ergonomic weight distribution allows the pump to be easily handled during use.

The rigid structure of the plastic body ensures adequate mechanical protection and guarantees IP44M protection due to the presence of gaskets at the interface of the body shells. The ergonomically designed handle helps to increase operator comfort when moving the pump. Quieter operation, and the absence of vibrations ensure maximum operator comfort. Equipped with a 3m long high pressure hose complete with a male quick coupling on the pump and a self-locking female quick coupling. The pressure can be released at any time using the pressure release button.

The unit features an OLED display to provide essential real time tool operating information including:

- Operating mode selection (cutting, crimping or piercing)
- Release mode selection (Smart release, manual release)
- Minimum set pressure and snapshot pressure reached in bar/psi to allow verification of correct operation
- Battery charge level
- No. of cycles performed
- No. of cycles before scheduled recommended maintenance
- Motor temperature

- Operational command (hand controller or manual on the pump)

OLED multifunctional display



Smart Logo



Manual pressure release button



Pump on (constant) In action (pulse)

End of cycle

Cycle error

Anomaly

Maintenance



Can be used in vertical or horizontal position

PORTABLE ELECTRO-HYDRAULIC PUMP

battery operated

B70M-P36

- 1 Portable electro-hydraulic pump, 36V battery for independent use, developing 700 bar pressure
- 2 CB3680L Battery 36 V - 8.0 Ah Li-Ion
- 3 ASC145-EU External battery charger
- 4 USB cable
- 5 Shoulder strap
- 6 CVB-037 Canvas rucksack for carrying accessories
- 7 3 m flexible hose complete with male + female 3/8" NPT self-lock quick couplers
- 8 ERCH Remote control

APPLICATION RANGE

Crimping	Cutting	Punching
up to 520 kN	up to TC120	RH-FL75 RH-FC48N



B70M-P36

Tool Type	Plug Type	Supplied Battery Charger Type
B70M-P36	PLUG EU	ASC55-EU with EUROPEAN plug
B70M-P36E	PLUG UK	ASC55-UK with UK plug
B70M-P36A	PLUG USA/CA	ASC30-36-USA/CA (115V) with USA/CANADA plug
B70M-P36T	PLUG AU/NZ	ASC30-36-AUS/NZ with AUSTRALIAN/NEW ZEALAND plug

TECHNICAL FEATURES

Operating pressure bar	700
Dimensions mm	
Length	405
width	161
Height	335
Battery	36V 6.2Ah
Weight kg (with Battery)	10.3*

*without accessories

PORTABLE ELECTRO-HYDRAULIC PUMP

battery operated

B70M-P36-CH

- 1 Portable electro-hydraulic pump, 36V battery for independent use, developing 700 bar pressure
- 2 CB3680L Battery 36 V - 8.0 Ah Li-Ion
- 3 ASC145-EU External battery charger
- 4 USB cable
- 5 Shoulder strap
- 6 CVB-037 Canvas rucksack for carrying accessories
- 9 ERCH-WH Remote hand controller integrated with 3 m length flexible hose complete with male + female 3/8" NPT self-lock quick couplers

APPLICATION RANGE

Crimping	Cutting	Punching
up to 520 kN	up to TC120	RH-FL75 RH-FC48N



B70M-P36-CH

Tool Type	Plug Type	Supplied Battery Charger Type
B70M-P36-CH	PLUG EU	ASC55-EU with EUROPEAN plug
B70M-P36E-CH	PLUG UK	ASC55-UK with UK plug
B70M-P36A-CH	PLUG USA/CA	ASC30-36-USA/CA (115V) with USA/CANADA plug

TECHNICAL FEATURES

Operating pressure bar	700
Dimensions mm	
Length	405
width	161
Height	335
Battery	36V 6.2Ah
Weight kg (with Battery)	10.3*

*without accessories

Variously supplied with different versions:



ACCESSORIES FOR B70M-P36

purchase separately

TRS-B70
Canvas rucksack
(for carrying the pump)



ERCH-WH
Remote hand controller integrated
with 3 m length flexible hose



SH-B70
Hook for hanging the pump
from a ladder

VAL-P18
Durable transport case for pump
and accessories.



RCP-B70
Portable remote foot control

HYDRAULIC UNIT

CP1131

pump PO7000 + head RHC131

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 312 to 326

TECHNICAL FEATURES

Crimping force kN	130
Dimensions mm	
Dimensions pump L x W x H	680 x 200 x 163
Dimensions head L x H	232 x 124
length flexible hose	3 m
Weight unit kg	13,6

STORAGE

Type	VAL-P21*
Dimensions mm L x W x H	820 x 430 x 290
Weight kg	6,74
Supplied with the unit	✓

*Supplied with the unit, suitable for storage of 24 semi-circular slotted dies



HYDRAULIC UNIT

CPU1131-C

pump PO7000 + head RHU131-C

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 312 to 326

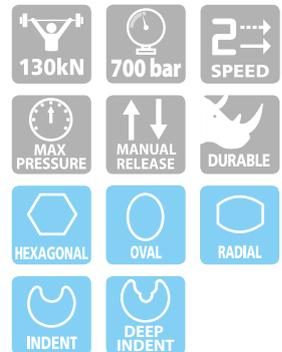
TECHNICAL FEATURES

Crimping force kN	130
Dimensions mm	
Dimensions pump L x W x H	680 x 200 x 163
Dimensions head L x H	245 x 89
length flexible hose	3 m
Weight unit kg	13,5

STORAGE

Type	VAL-P21*
Dimensions mm L x W x H	820 x 430 x 290
Weight kg	6,74
Supplied with the unit	✓

*Supplied with the unit, suitable for storage of 24 semi-circular slotted dies and accessories for crimping Aluminium connectors



CPU1230-3D

HYDRAULIC UNIT

pump PO7000 + head ECW-H3D



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 312 to 326



TECHNICAL FEATURES

Crimping force kN	230
Dimensions mm	
Dimensions pump L x W x H	680 x 200 x 163
Dimensions head L x H	290 x 120
Length flexible hose	3 m
Weight unit kg	15,3

STORAGE

Type	VAL-P21*
Dimensions mm L x W x H	820 x 430 x 290
Weight kg	6,74
Supplied with the unit	✓

*Supplied with the unit, suitable for storage of 24 semi-circular slotted dies and adaptors and dies specific for head ECW-H3D



HYDRAULIC CUTTING UNIT

CP1096

pump PO7000 + head TC096

TECHNICAL FEATURES

Max cutting Ø mm	95
Dimensions mm	
Dimensions pump L x W x H	680 x 200 x 163
Dimensions head L x H	397 x 249
Length flexible hose	3 m
Weight unit kg	17,7

STORAGE

Type	VAL-CP096
Dimensions mm L x W x H	785 x 430 x 175
Weight kg	10,0
Supplied with the unit	✓



HYDRAULIC CUTTING UNIT

CP1120

pump PO7000 + head TC120

TECHNICAL FEATURES

Max cutting Ø mm	120
Dimensions mm	
Dimensions pump L x W x H	680 x 200 x 163
Dimensions head L x H	536 x 175
Length flexible hose	3 m
Weight unit kg	19,3

STORAGE

Type	VAL-22-TC120
Dimensions mm L x W x H	766 x 305 x 191
Weight kg	8,3
Supplied with the unit	✓



CP-W-KV

HYDRAULIC CUTTING UNIT

according to DIN EN 50340 - VDE 0682 part 661



GS approval
n. ET 13045

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

CP 1086-W-1000-KV

TECHNICAL FEATURES

Max cutting Ø mm	85
Dimensions mm	
Dimensions pump L x W x H	680 x 200 x 163
Dimensions head L x H	405 x 143
Length flexible hose	10 m
Weight unit kg	16,6

CP 1096-W-1000-KV

TECHNICAL FEATURES

Max cutting Ø mm	95
Dimensions mm	
Dimensions pump L x W x H	680 x 200 x 163
Dimensions head L x H	407 x 245
Length flexible hose	10 m
Weight unit kg	19,0

CP 1120-W-1000-KV

TECHNICAL FEATURES

Max cutting Ø mm	120
Dimensions mm	
Dimensions pump L x W x H	680 x 200 x 163
Dimensions head L x H	556 x 185
Length flexible hose	10 m
Weight unit kg	20,2

Available as optional accessories:

- EK100 earth cable for the pump (1 m length)
- EK500P earth cable for the head (5 m length) with earth rod and canvas bag



STORAGE

Type	VAL-CP096-W
Dimensions mm L x W x H	785 x 430 x 175
Weight kg	10,0
Supplied with the unit	✓



PORTABLE BATTERY HYDRAULIC CUTTING UNITS

radio controlled - for remote cutting operations



B68RC3-85

TECHNICAL FEATURES

Max cutting Ø mm	85
Dimensions mm	
Dimensions pump L x W x H	417 x 236 x 212
Dimensions head L x H	409 x 174 x 140
Weight unit kg	13,68

B68RC3-96

TECHNICAL FEATURES

Max cutting Ø mm	95
Dimensions mm	
Dimensions pump L x W x H	417 x 236 x 212
Dimensions head L x H	498 x 249 x 147
Weight unit kg	17,24

B68RC3-120

TECHNICAL FEATURES

Max cutting Ø mm	120
Dimensions mm	
Dimensions pump L x W x H	417 x 236 x 212
Dimensions head L x H	536 x 223 x 140
Weight unit kg	18,44



The heart of each unit is the new portable pump B68M-P18-KV-RC3, battery operated for independent use. Having the inherent strengths of the CEMBRE 18V tool range, the B68M-P18-KV-RC3 is a lightweight high capacity pump equipped with an innovative radio remote control designed specifically for man-hole environments to allow operators to control and operate the pump out of the man-hole at a safe distance.

New Li-Ion 18V - 8Ah batteries provide high capacity while improved operating speed results from a revitalized hydraulic system with double speed action.

A maximum pressure sensor assures greater precision and repeatability

of the pressure cycle, while a security valve doubles the provision for operator safety.

The unit is fitted with a patented unique system for stopping the pump when the cutting head sensor signals that its blades have travelled fully.

At this point the LED indicator and buzzer notify the operator of the successful completion of the cutting operation. For this reason, each pump is paired to its specific cutting head only and it must be considered as a complete unit.

The innovative remote control function is able to work in man-hole environment where radio communication is normally more complicated.

The unit features an OLED display to provide essential real time tool operating information including:

- Operating mode selection (cutting or crimping)
- Release mode selection (Smart release, manual release)
- Minimum set pressure and momentary pressure reached in bar/psi to allow verification of correct operation
- Battery charge level
- No. of cycles performed
- No. of cycles before scheduled recommended maintenance
- Motor temperature
- Operating command (radio or manual).

Available as optional accessories:

- CVB-031 Canvas bag
- EK100 Earth cable for the pump (1 m length)
- EK500P Earth cable for the head (5 m length) with earth rod and canvas bag



CVB-031



EK500P



EK100

Supplied with:

- Radio remote control (2405 ÷ 2480 MHz)
- CB1880L, Li-Ion 18.0 V 8.0 A h Battery (2 pcs)
- ASC55-EU, Battery charger
- 10 m length high pressure flexible hose
- USB cable
- Shoulder strap
- VAL-B68RC3 Metal Carrying Case

STORAGE

Type	VAL-B68RC3
Dimensions mm L x W x H	665 x 422 x 260
Weight kg	17,4
Supplied with the unit	✓



B68M-P18-KV-RC1

PORTABLE BATTERY INSULATED HYDRAULIC PUMP



radio controlled



New portable battery hydraulic pump B68M-P18-KV-RC1 is battery operated for independent use.

Extremely compact and light in weight, it is suitable for a wide range of applications.

The B68M-P18-KV-RC1 is a light-weight high capacity pump equipped with an innovative radio remote control designed specifically for man-hole environments to allow operators to control and operate the pump out of the man-hole at a safe distance.

The LED indicator and buzzer notify the operator of the successful completion of the cutting or crimping operation.

The manual toggle button can be used to operate and release the pressure directly from the pump (inhibited when the remote control is used for safety reasons).

Fast compression or cutting speeds are guaranteed by a two-speed hydraulic system; it is also equipped with a pressure sensor and a safety valve, the first to guarantee greater precision and repeatability of the maximum cycle pressure, the second as a redundant safety element for the operator.

The ergonomically designed handle helps to increase operator comfort when moving the pump.

The plastic material body ensures adequate mechanical protection in all conditions of use, thanks to its rigid structure; greater safety and comfort in handling, thanks to the ergonomic handle.

It is equipped with an automatic locking female quick coupling with 138-F safety ring nut for the connection of flexible hoses with high dielectric power.

The pressure can be released at any time using the pressure release button.

The unit features an OLED display to provide essential real time tool operating information including:

- Operating mode selection (cutting or crimping)
- Release mode selection (Smart release, manual release)
- Minimum set pressure and momentary pressure reached in bar/psi to allow verification of correct operation
- Battery charge level
- No. of cycles performed
- No. of cycles before scheduled recommended maintenance
- Motor temperature
- Operating command (radio or manual).

Supplied with:

- Radio remote control (2405 ÷ 2480 MHz)
- CB1880L, Li-Ion 18.0 V 8.0 A h Battery (2 pcs)
- ASC55-EU, Battery charger
- USB cable
- Shoulder strap
- CVB-031 Canvas bag



CVB-031

TECHNICAL FEATURES

Operating pressure bar	700
Dimensions mm	
Length	350
width	212
Height	236
Battery	18.0V 8.0Ah
Weight kg (with Battery)	6

STORAGE

Type	CVB-031
Dimensions mm L x W x H	620 x 300 x 320
Weight kg	2,4
Supplied with the pump	✓



LED indicators and buzzer



OLED multifunctional display



Automatic battery connection system



Pressure release button

PORTABLE ELECTRO-HYDRAULIC INSULATED PUMP

battery operated

TECHNICAL FEATURES

Operating pressure bar	700
Dimensions mm	
Length	354
width	103
Height	240
Battery	18.0V 5.2Ah
Weight kg (with Battery)	4,0

STORAGE

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



The B1300P-KV pump is supplied with:

- 18.0 V - 5.2 Ah Li-Ion high power battery (2 pcs)
- Battery charger
- Shoulder strap
- Plastic carrying case suitable for storing the tool and accessories

APPLICATION RANGE

Crimping	Cutting	Punching
up to 130 kN	up to TC 050	RH-FL75 RH-FC48N

B1300P-KV

Tool Type	Plug Type	Supplied Battery Charger Type
B1300P-KV	PLUG EU	ASC55-EU with EUROPEAN plug
B1300PE-KV	PLUG UK	ASC55-UK with UK plug



New B1300P-KV portable electro-hydraulic insulated pump powered by Li-Ion 18V - 5.2Ah battery having the same characteristics as the B1300PL version except for the insulated oil and the insulated female quick coupling with automatic locking I38-F.

The unit features an OLED display to provide essential real time tool operating information including:

- Minimum set pressure and momentary pressure reached in bar/psi to allow verification of correct operation
- Battery charge level
- No. of cycles performed
- No. of cycles before scheduled recommended maintenance
- CEMBRE logo, tool model and serial number.

The pump can be connected to hydraulic heads and insulated flexible hoses (supplied on request) equipped with I38 series quick coupling (see page 310)



Ergonomic shape for optimal comfort



OLED multifunctional display



Automatic battery connection system



Insulated female quick coupling with automatic locking I38-F

CB BH ASC CFC BPS

Accessories for cordless tools



CB1820L

CB1852L
CB1880L

CB3662L
CB3680L

CB1430L

CB1430H

CB9630H

BH2433

battery

	Type	Description	Technology	Ah	V
STANDARD	CB1820L	CB1820L 18V-2.0Ah battery	Li-Ion	2.0	18
	CB1852L	CB1852L 18V-5.2Ah battery	Li-Ion	5.2	18
	CB1880L	CB1880L 18V-8.0Ah battery	Li-Ion	8.0	18
	CB3662L	CB3662L 36V-6.2Ah battery	Li-Ion	6.2	36
	CB3680L	CB3680L 36V-8.0Ah battery	Li-Ion	8.0	36
ON REQUEST	CB1430L	CB1430L 14.4V-3.0Ah battery	Li-Ion	3.0	14.4
	CB9630H	CB9630H 9.6V-3.0Ah battery	Ni-MH	3.0	9.6
	CB1430H	CB1430H 14.4V-3.0Ah battery	Ni-MH	3.0	14.4
	BH2433	BH2433 24V-3.3Ah battery	Ni-MH	3.3	24



ASC55-EU
ASC55-UK
ASC30-36-USA/CA
ASC30-36-AUS/NZ



ASC145-EU
ASC145-UK
ASC145-USA/CA
ASC145-AUS/NZ



ASC145DUO-EU
ASC145DUO-UK
ASC145DUO-USA/CA



ASC55-MULTI8-EU
ASC55-MULTI8-US

battery charger



CFC230N
CFC120YN

Type	Description	V
ASC55-EU / ASC55-UK / ASC30-36-AUS/NZ	battery charger 220-240V 50-60Hz	18
ASC30-36-USA/CA	battery charger 115V 60Hz	18
ASC145-EU / ASC145-UK / ASC145-AUS/NZ	battery charger 220-240V 50-60Hz	10.8 - 36
ASC145-AUS/NZ	battery charger 115V 60Hz	10.8 - 36
ASC145DUO-EU / ASC145DUO-UK	battery charger 220-240V 50-60Hz	12 - 36
ASC145DUO-USA/CA	battery charger 115V 60Hz	12 - 36
ASC55-MULTI8-EU	8 position multiple charger 220-240V 50-60Hz	12 - 36
ASC55-MULTI8-US	8 position multiple charger 110V 60Hz	12 - 36
CFC230N	battery charger 230V AC	14.4
CFC120YN	battery charger 120V AC	14.4



BPS230-9.6



BPS230.14

power supplies

Type	Description	V
BPS230-9.6	BPS230.96 (230V -9.6V) power supplies	9.6
BPS230.14	BPS230.14 (230V -14.4V) power supplies	14.4



6000354



6006309

others

Type	Description
6000354	Shoulder strap for battery tools
6006309	USB2.0/MINI USB B M-M 1.8 m cable black

Accessories for storage of dies

VAL



VALMAT



VAL-130



VAL-MAT230-630



VALMAT-520



VAL-75

CVB-013

carrying case - bags

Type	Description
VALMAT	Metal carrying case suitable for the storage of semicircular dies
VALMAT-230-630	Metal carrying case suitable for the storage of accessories for crimping Aluminium connectors
VALMAT-520	Metal carrying case suitable for storage of 10 sets of hexagonal dies for the head RHU520
VAL-130	Metal carrying case suitable for the storage of accessories for crimping Aluminium connectors
VAL-75	Plastic case suitable for containing tool dies for HT81-U; RHU81; RH50; RHM50
CVB-013	Canvas bag

Transport accessories

CVB



CVB-030



CVB-031



CVB-037



VAL-P18

canvas bag - trolley

Type	Description
CVB-030	Canvas bag for carrying tools and accessories
CVB-031	Canvas bag for the transport of pump and accessories
CVB-037	Canvas rucksack for transporting pump and accessories
VAL-P18	Wheeled transport case for pump and accessories

TF

Accessories for non-insulated hydraulic pumps



TF...-



ERCH-WH

non-insulated flexible hoses (extensions)

Type	Length m	Quick Coupler	Description
TF300-Q38FM	3	F/M	High pressure flexible hose fitted with automatic quick couplers
TF600-Q38FM	6	F/M	High pressure flexible hose fitted with automatic quick couplers
TF200-Q14FM	2	F/M	High pressure flexible hose fitted with automatic quick couplers
TF500-Q38FM	5	F/M	High pressure flexible hose fitted with automatic quick couplers
TF1000-Q38FM	10	F/M	High pressure flexible hose fitted with automatic quick couplers
ERCH-WH	3	F/M	Remote hand controller integrated with high pressure flexible hose complete with automatic quick couplers for B70M-P36; CPE-1

Q-M, Q-F

Quick couplers for non-insulated flexible hoses



Q14-MS

Q14-MS
Male automatic coupler for hydraulic heads (1/4" NPT).



Q38-F

Q38-F
Female automatic coupler with safety ring for hydraulic pumps and flexible hoses (3/8" NPT).



Q38-MS

Q38-MS
Male automatic coupler for flexible hoses (3/8" NPT).

TF-I

Accessories for insulated hydraulic pumps



TF...-I.

insulated flexible hoses (extensions)

Type	Length m	Insulated Quick Coupler	Description
TF1000-I38FM-KVE	10	F/M	10 m long high pressure flexible hose equipped with insulated oil with high dielectric power and with "insulated" type quick couplers with automatic locking, complete with case
TF500-I38FM-KV	5	F/M	5 m long high pressure flexible hose equipped with insulated oil with high dielectric power and with "insulated" type quick couplers with automatic locking

I-F, I-M

Quick couplers for insulated flexible hoses



I38-F

I38-F
Female automatic coupler with safety ring for insulated hydraulic pumps and flexible hoses (3/8" NPT).



I38-MS

I38-MS
Male automatic coupler for insulated flexible hoses (3/8" NPT).

DIE SELECTOR CHART



DIE SELECTOR CHART

APPLICATION	CONDUCTOR	CONNECTOR				HYDRAULIC TOOLS						
						B15MD		HT45-E B450ND-BV		HT51 RH50 B500 B500ND		
						DIE SET	NEST	INDEN-TOR	DIE SET	NEST	INDEN-TOR	DIE SET
	Conductor Size sqmm		TERMINAL		SPLICE	DIE SET	NEST	INDEN-TOR	DIE SET	NEST	INDEN-TOR	DIE SET
	Low Str.	Flex										
A..M.	0,25 ÷ 2,5		A 03-M. A 06-M.		L 03-M / L 03-P L 06-M / L 06-P	ME03/2-15  MA03/3-15 						
A..2M.	4 ÷ 6		A 1-M. A 1-L.		L 1-M L 1-P	ME03/2-15  MA03/3-15 	MA1 	PA1	ME1 	MA1-50 	PA1-50	ME1-50 
A..L.	10		A2-M. A2-L. A2-P12 A2-U.	A2-2M.	L 2-M L 2-P	ME03/2-15  ME2/3-15  MA03/3-15 	MA2.3 	PA5	ME2 	MA2.3-50 	PA5-50	ME2-50 
A..L.	16		A3-M. A3-L. A3-P14 A3-P22R. A3-U.	A3-2M. 2A 3-M.	L 3-M L 3-P	ME2/3-15  MA03/3-15 			ME3 			ME3-50 
A..P.	25		A5-M. A5-L. A5-P16 A5-P22R.	A5-2M. 2A 5-M.	L 5-M L 5-P		MA5 		ME5 	MA5-50 		ME5-50 
A..PR.	35	25* 35	A 7-M. A 7-L. A 7-P20	A7-2M. 2A 7-M.	L 7-M L 7-P		MA7 	PA10	ME7 	MA7-50 	PA10-50	ME7-50 
A..U.	50	35* 50	A 10-M. A 10-L. A 10-P25	A10-2M. 2A 10-M. 2A10-2M.	L 10-M L 10-P		MA10 		ME10 	MA10-50 		ME10-50 
A..U.	70	50* 70	A 14-M. A 14-L. A 14-P30	A14-2M. 2A 14-M. 2A14-2M.	L 14-M L 14-P				ME14 	MA14-50 	PA19-50	ME14-50 
2A..M.	95	70* 95	A 19-M. A 19-L.	A19-2M. 2A 19-M. 2A19-2M.	L 19-M L 19-P				ME19 			MA19-50 
2A..2M.	120	95* 120	A 24-M. A 24-L.	A24-2M. 2A 24-M. 2A24-2M.	L 24-M L 24-P				ME24 	MA24-50 	PA24-50	ME24-50 
2A..2M.	150	120* 150	A 30-M. A 30-L.	A30-2M. 2A 30-M. 2A30-2M.	L 30-M L 30-P				ME30 			ME30-50 
L..M.	185	150* 185	A 37-M. A 37-L. A 37-4ESI	A37-2M. 2A 37-M. 2A37-2M.	L 37-M L 37-P							ME37-50 
L..M.	240	185* 240	A 48-M. A 48-L. A 48-4ESI	A48-2M. 2A 48-M. 2A48-2M.	L 48-M L 48-P							ME48-50 
L..P.	300	240 300	A 60-M. A 60-L. A 60-4ESI	A60-2M. 2A 60-M. 2A60-2M.	L 60-M L 60-P							ME60-50** 
L..P.	400	300 400	A 80-M. A 80-4ESI	A80-2M. 2A 80-M. 2A80-2M.	L 80-M							
A..4ESI	500	400 500	A 100-M. A 100-4ESI	A100-2M. 2A 100-M. 2A100-2M.	L 100-M							
A..4ESI	630	500 630	A 120-M. A 120-4ESI	A120-2M. 2A 120-M. 2A120-2M.	L 120-M							
A..4ESI	800	630	A 160-M. A 160-4ESI	A160-2M. 2A 160-M. 2A160-2M.	L 160-M							
A..4ESI	1000	800	A 200-M.		2A 200-M. 2A200-2M.	L 200-M						
A..M.	35		A 9-M.				MA9 	PA10	ME9 	MA9-50 	PA10-50	ME9-50 
A..M.	50		A 12-M.						ME12 	MA12-50 		ME12-50 
A..M.	70		A 17-M.						ME17 	MA17-50 	PA 19-50	ME17-50 
A..M.	95		A 20-M.						ME20 	MA20-50 		ME20-50 
A..M.	120		A 29-M.						ME29 			ME29-50 
A..M.	150		A 35-M.									ME35-50 
A..M.	185		A 40-M.									ME40-50 

 = Hexagonal crimp (use one size up with fine stranded conductors, E.G.: 95i fine stranded use A19-.. + ME 19 or A 20-.. + ME 20)

  = Indent crimp

* Contact Cembre for appropriate die set

DIE SELECTOR CHART

HYDRAULIC TOOLS												
HT60C RH60C B600C B600CND	HT 81-U RHU 81		HT 120 and tools and heads with 130 kN crimping force			ECW-H3D			RHU 520			
	NEST AND INDENTOR	DIE SET	NEST	INDEN- TOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	
ME1-60C ^①												
ME2-60C ^①	MA3.5-U [☺]	ME2.19-U ^①	MA2-C [☺]	PA10-C	ME2-C ^①	Adaptor AU230-130-D with die set MA..-C and indentor PA..-C	Adaptor AU230-130-D with die set ME..-C	Adaptor AU520-130-C with die set MA..-C and indentor PA..-C	Adaptor AU 520-130 C with die set ME..-C			
ME3-60C ^①		ME3.14-U ^①	MA3-C [☺]		ME3-C ^①							
ME5-60C ^①		ME5.7-U ^①	MA5-C [☺]		ME5-C ^①							
ME7-60C ^①			MA7.14-U [☺]		MA7-C [☺]					ME7-C ^①		
ME10-60C ^②		MA10.19-U [☺]	ME10.24-U ^②		MA10-C [☺]					ME10-C ^①		
ME14-60C ^②	MA7.14-U [☺]	ME3.14-U ^②	MA14-C [☺]	ME14-C ^①								
ME17-60C ^②			MA19-C [☺]	ME17-C ^①								
ME19-60C ^②	MA10.19-U MA19-U [☺]	ME2.19-U ^②	MA19-C [☺]	PA24-C	ME19-C ^①							
ME24-60C ^②	MA24-U [☺]	ME10.24-U ^②	MA24-C [☺]		ME24-C ^①							
ME30-60C ^③	MA30.80-U [☺]	ME30-U ^②	MA30-C [☺]		ME30-C ^①							
ME37-60C ^③	MA37-U [☺]	ME37-U ^②	MA37-C [☺]	PA48-C	ME37-C ^①							
ME48-60C ^③	MA48-U [☺]	ME48-U ^③	MA48-C [☺]		ME48-C ^②							
ME60-60C ^④			MA60-C [☺]	PA60-C	ME60-C ^③							
					ME80-C ^③	MA80-3D [☺]	PA100-3D	ME80-3D ^②	MA80-520 [☺]	PA120-520	ME80-520 ^②	
						MA100-3D [☺]		ME100-3D ^②	MA100-520 [☺]		ME100-520 ^②	
						MA120-3D [☺]		PA120-3D	ME120-3D ^②		MA120-520 [☺]	ME120-520 ^②
									MA160-520 [☺]	PA200-520	ME160-520 ^②	
								MA200-520 [☺]	ME200-520 ^②			
ME9-60C ^①	MA9.17-U [☺]	ME9.20-U ^①	MA9-C [☺]	PA10-C	ME9-C ^①	Adaptor AU 230-130 D with die set MA..-C and indentor PA..-C	Adaptor AU 230-130 D with die set ME..-C	Adaptor AU520-130-C with die set MA..-C and indentor PA..-C	Adaptor AU 520-130 C with die set ME..-C			
ME12-60C ^②	MA12.20-U [☺]	ME12.17-U ^②	MA12-C [☺]		ME12-C ^①							
ME17-60C ^②	MA9.17-U [☺]	ME12.17-U ^②	MA17-C [☺]	PA24-C	ME17-C ^①							
ME20-60C ^②	MA12.20-U [☺]	ME9.20-U ^②	MA20-C [☺]		ME20-C ^①							
ME29-60C ^③	MA29.80-U [☺]	ME29-U ^②	MA29-C [☺]		ME29-C ^①							
ME35-60C ^③	MA35-U [☺]	ME35-U ^②	MA35-C [☺]	PA48-C	ME35-C ^①							
ME40-60C ^③	MA40-U [☺]	ME40-U ^③	MA40-C [☺]		ME40-C ^①							

N.B.: Number inside symbol indicates the number of crimps on A-M barrel

** Only for B500, B500ND and RH50.

DIE SELECTOR CHART

APPLICATION	CONDUCTOR	CONNECTOR						
COPPER CONDUCTORS 	Conductor Size Flex sqmm	TERMINAL						
	10	ANE2-M..	ANE2-P12	ANE2-U..	AN2-M..	IN2-M..	EN2-M.. ENR2-M..	
	16	ANE3-M..	ANE3-P14	ANE3-U..	AN3-M..	IN3-M..	EN3-M..	
	25	ANE5-M..	ANE5-P16		AN5-M..			
	35	ANE7-M..	ANE7-P20		AN7-M..	IN7-M..	EN7-M..	
	50	ANE10-M..			AN10-M..	IN10-M..	EN10-M.. ENR10-M..	
	70	ANE14-M..			AN14-M..	IN14-M..	EN14-M..	
	95	ANE19-M..			AN19-M..	IN19-M..	EN19-M..	
	120	ANE24-M..			AN24-M..	IN24-M..	EN24-M..	
	150	ANE30-M..			AN30-M..	IN30-M..	EN30-M..	
	150					IN37-M.. INR37-M..		
	185					IN48-M..	EN48-M..	
240					IN60-M..	EN60-M..		
300					IN80-M..	EN80-M..		
EXTRA FLEXIBLE COPPER CONDUCTORS 	35	ANE9-M..						
	50	ANE12-M..						
	70	ANE17-M..						
	95	ANE20-M..						
	120	ANE29-M..						
	150	ANE35-M..						
COPPER CONDUCTORS 	Conductor Size Flex sqmm	TERMINAL						
	0,3 ÷ 4	PKD506÷PKD418	PKE508÷PKE418	PKC508÷PKC418	KE506÷KE412			
	4 ÷ 16	PKD410÷PKD1618	PKE410÷PKE1618	PKC410÷PKC1618	KE410÷KE1616			
	16	PKD16..	PKE16..	PKC16..	KE16..			
	25	PKD25..	PKE25..	PKC25..	KE25..			
	35	PKD35..		PKC35..	KE35..			
	50	PKD50..		PKC50..				
	70			PKC70..				
	95			PKC95..				
	120			PKC120..				
COPPER CONDUCTORS 	Conductor Size Flex sqmm	TERMINAL						
	2 x 0,5	PKT508 PKT510						
	2 x 0,75	PKT7508 PKT7510						
	2 x 1	PKT108 PKT110						
	2 x 1,5	PKT1508 PKT1512						
	2 x 2,5	PKT2510 PKT2512						
	2 x 4	PKT412						
	2 x 6	PKT614						
	2 x 10	PKT1014						
2 x 16	PKT1614							

= Indent crimp
 = Radial crimp
 = Trapezium crimp

DIE SELECTOR CHART

APPLICATION	CONDUCTOR		CONNECTOR				HYDRAULIC TOOLS						ECW-H3D	RHU520	
	Conductor Size sqmm		CONNECTOR	CONNECTOR	CONNECTOR	HT45-E B450ND-BVE	HT51 RH50 B500E B500NDE	HT60C RH60C B600C B600CND	HT 81-U RHU 81	HT 120 and tools and heads with 130 kN crimping force					
	Run	Tap	CONNECTOR	CONNECTOR	CONNECTOR	DIE SET	DIE SET	DIE SET	DIE SET	DIE SET	DIE SET	DIE SET			
TAP-OFF ON COPPER CONDUCTOR	 C...ST  C...	6 ÷ 1,5	6 ÷ 1,5	C6-C6ST	C6-C6		MC6 ①	MC6-50 ①		MC6.25-U ①					
		10	10 ÷ 1,5	C10-C10ST	C10-C10		MC10 ①	MC10-50 ①		MC10-U ①					
		16	16 ÷ 1,5	C16-C16ST	C16-C16										
		25 ÷ 16	10 ÷ 1,5	C25-C10ST	C25-C10										
		25	25 ÷ 16	C25-C25ST	C25-C25										
		40 ÷ 35	16 ÷ 1,5	C35-C16ST	C35-C16										
		40 ÷ 35	40 ÷ 25	C35-C35ST	C35-C35										
		50	25 ÷ 10												
		70 ÷ 63	25 ÷ 1,5	C70-C25NST	C70-C25N										
		50	25 ÷ 4	C50-C25ST	C50-C25										
		*50	50 ÷ 35	C50-C50ST	C50-C50										
		*70 ÷ 50	40 ÷ 4	C70-C35ST	C70-C35										
		*70 ÷ 50	70 ÷ 35	C70-C70ST	C70-C70										
		100 ÷ 95	40 ÷ 4	C95-C35ST	C95-C35										
		100 ÷ 95	70 ÷ 40	C95-C70ST	C95-C70										
		100 ÷ 95	100 ÷ 63	C95-C95ST	C95-C95										
		125 ÷ 110	125 ÷ 25	C120-C120ST	C120-C120										
		160 ÷ 150	125 ÷ 25	C150-C120ST	C150-C120										
		125	125												
		150	150 ÷ 63	C150-C150ST	C150-C150										
125	125														
185	100 ÷ 16	C185-C95ST	C185-C95												
185 ÷ 120	185 ÷ 120	C185-C185ST	C185-C185												
240 ÷ 150	120 ÷ 95	C240-C120ST	C240-C120												
COPPER CONDUCTORS	 H...  DK...	Conductor Size sqmm		CONNECTOR	CONNECTOR										
		70	70	H70-H70	H70-H70ST										
		95	95	H95-H95	H95-H95ST										
		120	120	H120-H120	H120-H120ST										
		Cond. Size sqmm		CONNECTOR	CONNECTOR										
		2x 50		DK50-M12											
		2x 70		DK70-M12	DK70-2M12-51AS										
		2x 95		DK95-M12	DK95-2M12-51AS										
		2x 120		DK120-M12	DK120-2M12-51AS										
		Cond. Size sqmm		CONNECTOR	CONNECTOR										
70		DR70-2M12-51AS													
95		DR95-2M12-51AS													
120		DR120-2M12-51AS													

 = Hexagonal crimp
  = oval crimp
 * When using die set type MC70-50, the conductors marked with a star must be annealed.

DIE SELECTOR CHART

APPLICATION	CONDUCTOR		CONNECTOR		HYDRAULIC TOOLS						
	CONDUCTOR		CONNECTOR		HT45-E B450ND-BVE	HT51 B500E	RH50 B500NDE	HT 81-U RHU 81	HT 120 and tools and heads with 130 kN crimping force	ECW-H3D	RHU520
	Cond. Size sqmm	TERMINAL	TERMINAL	TERMINAL	DIESET	DIESET	DIESET	DIESET	DIESET	DIE SET	DIE SET
HT...-TD HT...-GC  CA...-M. CA...-2M.  MT...-C. 	25 R	MT25-ID	MT25-GC	CA25-ML.	CA25-2M.	MT25-C.	MMT25-50	MMT25-U	MMT25-C		
	35 RC/5 ÷ 40 S	MT40S-TD	MT40S-GC	CA40S-ML.	CA40S-2M.	MT40S-C.	MMT50-50	MMT50-U	MMT50-C		
	50 RC	MT50R-TD	MT50R-GC	CA50R-ML.	CA50R-2M.	MT50R-C.					
	50 S	MT50S-TD	MT50S-GC	CA50S-ML.	CA50S-2M.	MT50S-C.					
	63 S ÷ 70 S	MT70S-TD	MT70S-GC	CA70S-ML.	CA70S-2M.	MT70S-C.					
	80 S ÷ 95 RC	MT95R-TD	MT95R-GC	CA95R-ML.	CA95R-2M.	MT95R-C.					
	95 S ÷ 100 S	MT95S-TD	MT95S-GC	CA95S-ML.	CA95S-2M.	MT95S-C.					
	120 RC/S ÷ 150 RC	MT150R-TD	MT150R-GC	CA150R-ML.	CA150R-2M.	MT150R-C.					
	150 S ÷ 160 RC	MT150S-TD	MT150S-GC	CA150S-ML.	CA150S-2M.	MT150S-C.					
	160 S ÷ 200 RC	MT200R-TD	MT200R-GC	CA200R-ML.	CA200R-2M.	MT200R-C.					
185 BR/BS	MT185-TD	MT185-GC	CA185-ML.	CA185-2M.	MT185-C.						
200 S ÷ 240 RC	MT240R-TD	MT240R-GC	CA240R-ML.	CA240R-2M.	MT240R-C.						
240 S ÷ 315 RC	MT315R-TD	MT315R-GC	CA315R-ML.	CA315R-2M.	MT315R-C.						
315 S	MT315S-TD	MT315S-GC	CA315S-ML.	CA315S-2M.	MT315S-C.						
400 R	MT400-TD		2A80-ML.	2A80-2M.						ME80-3D	ME80-520
500 R	MT500-TD		2A100-ML.	2A100-2M.						ME100-3D	ME100-520
600 R ÷ 630 R	MT630-TD		2A120-ML.	2A120-2M.						ME120-3D	ME120-520

DIE SELECTOR CHART FOR DEEP STEPPED INDENTING WITH CONTAINING DIES

APPLICATION	CONDUCTOR	CONNECTOR	HYDRAULIC TOOLS			
	CONDUCTOR	CONNECTOR	DIE HOLDER	DIE	INDENTOR	
	Conductor Size sqmm	LUGS	DIE HOLDER	DIE	INDENTOR	
CA...-M.  MT...-C  AA...-M. 	10	CAA10-M.	AU130-150	MVA35	PS130-35/E	
	16	CAA16-M.		MVA95	PS130-95/E	
	25	CAA25-M.		MVA150	PS130-150/E	
	35	CAA35-M.		MVA240	PS130-240/E	
	50	CAA50-M.		MUA300-34		
	70	CAA70-M.				
	95	CAA95-M.				
	120	CAA120-M.				
	150	CAA150-M.				
	185	CAA185-M.				
240	CAA240-M.					
300	CAA300-34M.					
ALUMINIUM CONDUCTORS	16	AA16-M.	AU130-240	MUA35	PS130-35/E	
	25	AA25-M.		MUA95	PS130-95/E	
	35	AA35-M.		MUA150	PS130-150/E	
	50	AA50-M.		MUA240	PS130-240/E	
	70	AA70-M.				
	95	AA95-M.				
	120	AA120-M.				
	150	AA150-M.				
	185	AA185-M.				
	240	AA240-M.				
300	AA300-34M.					

 = Deep indent crimp
  = Hexagonal crimp
  = circular crimp

DIE SELECTOR CHART FOR DEEP STEPPED INDENTING WITH CONTAINING DIES

ALUMINIUM CONDUCTORS	Conductor Size sqmm		SPLICE		Conductor Size sqmm		SPICES		DIE HOLDER		DIE		INDENTOR	
	Al	Al/Cu	MTMA10-GC	MTMA16/1	MTMA16-GC	MTMA16	MTMA16-10GC	MVMA35	MUA35	MVMA35	MUA35	PS130-35/E		
	10		MTMA10-GC	MTMA16/1	MTMA16-GC	MTMA16	MTMA16-10GC							
	16		MTMA16-GC	MTMA25/1	MTMA25-GC	MTMA25	MTMA25-10GC							
	25		MTMA25-GC	MTMA35/1	MTMA35-GC	MTMA35	MTMA35-16GC							
	35		MTMA35-GC	MTMA50/1	MTMA50-GC	MTMA50	MTMA50-25GC							
	50		MTMA50-GC	MTMA70/1	MTMA70-GC	MTMA70	MTMA70-35GC							
	70		MTMA70-GC	MTMA95/1	MTMA95-GC	MTMA95	MTMA95-50GC							
	95		MTMA95-GC	MTMA120/1	MTMA120-GC	MTMA120	MTMA120-70GC							
	120		MTMA120-GC	MTMA150/1	MTMA150-GC	MTMA150	MTMA150-95GC							
	150		MTMA150-GC	MTMA185/1	MTMA185-GC	MTMA185	MTMA185-120GC							
	185		MTMA185-GC	MTMA240/1	MTMA240-GC	MTMA240	MTMA240-150GC							
	240		MTMA240-GC	MTMAD300/1	MTMAD300-GC	MTMAD300	MTMAD300-185GC							
	300		MTMAD300-GC				MTMAD300-185GC							
							MTMAD300-240GC							



= Deep indent crimp

PRE-ROUNDERS SELECTION		DIE-SUPPORT		DIES DESCRIPTION		DIES SEQUENCE	
ALUMINIUM CONDUCTOR SIZE sqmm	PRE-ROUNDER	DIE-SUPPORT	1) AU 130... DIE-HOLDER	Used to house dies and pre-rounders.	CONDUCTOR ROUNDING	CRIMPING	
25			2) UP 130... PRE-ROUNDERS	Used to round aluminium sectoral conductors in order to introduce them into circular connectors. Each pre-rounder is made of two parts: the upper part is housed in die-holder AU 130... and the lower part is locked onto AC 130-P... die support.			
35			3) AC 130-P... DIE-SUPPORT	Houses lower part of pre-rounder UP 130....			
50			4) MUA... DIES	Containing dies.			
70			5) PS 130...-E INDENTORS	Such indentors are specifically engineered for deep indentation of aluminium conductors of any stranding configuration.			
95							
120							
150							
185							
240							

DIE SELECTOR CHART

APPLICATION	CONDUCTOR	CONNECTOR	HYDRAULIC TOOLS												
			HT 120 and tools and heads with 130 kN crimping force			HT131-UC RHU131-C B1350-UC B1300-UC			ECW-H3D			RHU230-630			
CONDUCTOR	CONDUCTOR Size sqmm	LUGS	HEXAGONAL CRIMP			INDENT CRIMP			HEXAGONAL CRIMP			INDENT CRIMP			
			DIE SET	DIE HOLDER	DIE	DIE SET	DIE HOLDER	DIE	DIE SET	DIE HOLDER	DIE	DIE SET	DIE HOLDER	DIE	
 CAA-ML	300	CAA300-34-ML	MK34L-C	AU130-240	MUA300-34	PS130-240/E	MK34-3D								
	300	CAA300-M16					MK38-3D		AU230-630	MV230-400-MC5E			PS230-400-5E		
	400	CAA400-M16													
	500	CAA500-M16TMBD													
	630	CAA630-4M8					MK46-3D			MV230-630-MC6E			PS230-630-6E		
 AA-ML	300	AA300-34-ML	MK34L-C	AU130-240	MUA300-34	PS130-240/E	MK34-3D								
	300	AA300-M16					MK38-3D		AU230-630	MUA230-630-400			PS230-400-5E		
	400	AA400-M16													
	500	AA500-40-M16													
	630	AA630-M16					MK46-3D			MUA230-630-630			PS230-630-6E		
 MTMA	300	MTMAD300/1	300	95	MTMAD300-95-GC										
				150	MTMAD300-150-GC										
		MTMAD300-GC	185	MTMAD300-185-GC											
			240	MTMAD300-240-GC											
	300	MTMA300-GC													
	400	MTMA400/1	400	240	MTMA400-240-GC										
	500	MTMA500-40/1	500	300	MTMA400-300-GC										
	500	MTMA500-GC													
	630	MTMA630/1													

 = Deep indent crimp
  = Hexagonal crimp

ALUMINIUM CONDUCTORS

DIE SELECTOR CHART

APPLICATION	CONDUCTOR	CONNECTOR		B15MD DIE SET	HT45-E B450ND-BV DIE SET	HT51 B500 DIE SET	HT60C B600CND DIE SET	HYDRAULIC TOOLS		HT 120 and tools and heads with 130 kN crimping force	ECW-H3D		RHU520	
		LUGS	SPICES					HT81-U RHU81 DIE SET	HT60C B600CND DIE SET		NEST	INDENTOR		NEST
 Q. DIN 46234	6-10	Q10..				MQ10-50	MQ10-60C	MQ10-50	MQ10-50	MQ10-50	MQ10-50			
	10-16	Q16..				MQ16-50	MQ16-60C	MQ16-50	MQ16-50	MQ16-50	MQ16-50			
	16-25	Q25..				MQ25-50	MQ25-60C	MQ25-50	MQ25-50	MQ25-50	MQ25-50			
	25-35	Q35..				MQ35-50	MQ35-60C	MQ35-50	MQ35-50	MQ35-50	MQ35-50			
	35-50	Q50..				MQ50-50	MQ50-60C	MQ50-50	MQ50-50	MQ50-50	MQ50-50			
	50-70	Q70..				MQ70-50	MQ70-60C	MQ70-50	MQ70-50	MQ70-50	MQ70-50			
	70-95	Q95..					MQ95-60C							
	95-120	Q120..					MQ120-60C							
	120-150	Q150..												
	150-185	Q185..												
	185-240	Q240..												
	 DR.. DIN 46235 - 46267 T.1	6	DR6..	DSV6			MK5-50	MK5-60C	MK5-50	MK5-50	MK5-50	MK5-50		
		10	DR10..	DSV10	MK5/8-15		MK6-50	MK6-60C	MK6-50	MK6-50	MK6-50	MK6-50		
		16	DR16..	DSV16			MK8-50	MK8-60C	MK8-50	MK8-50	MK8-50	MK8-50		
		25	DR25..	DSV25			MK10-50	MK10-60C	MK10-50	MK10-50	MK10-50	MK10-50		
		35	DR35..	DSV35			MK12-50	MK12-60C	MK12-50	MK12-50	MK12-50	MK12-50		
		50	DR50..	DSV50			MK14-50	MK14-60C	MK14-50	MK14-50	MK14-50	MK14-50		
		70	DR70..	DSV70			MK16-50	MK16-60C	MK16-50	MK16-50	MK16-50	MK16-50		
95		DR95..	DSV95			MK18-50	MK18-60C	MK18-50	MK18-50	MK18-50	MK18-50			
120		DR120..	DSV120			MK20-50	MK20-60C	MK20-50	MK20-50	MK20-50	MK20-50			
150		DR150..	DSV150			MK22-50	MK22-60C	MK22-50	MK22-50	MK22-50	MK22-50			
185		DR185..	DSV185			MK25-50	MK25-60C	MK25-50	MK25-50	MK25-50	MK25-50			
240		DR240..	DSV240			MK28-50	MK28-60C	MK28-50	MK28-50	MK28-50	MK28-50			
300		DR300..	DSV300			MK32-50*	MK32-60C	MK32-50	MK32-50	MK32-50	MK32-50			
400		DR400..	DSV400											
500		DR500..	DSV500											
625		DR625..	DSV625											
800		DR800..	DSV800											
1000		DR1000..	DSV1000											
 HR.. COPPER CONDUCTORS	6	HR6..	HSV6			MH6-50	MH6-60C	MH6-50	MH6-50	MH6-50	MH6-50			
	10	HR10..	HSV10	MH10/16/15		MH10-50	MH10-60C	MH10-50	MH10-50	MH10-50	MH10-50			
	16	HR16..	HSV16			MH16-50	MH16-60C	MH16-50	MH16-50	MH16-50	MH16-50			
	25	HR25..	HSV25			MH25-50	MH25-60C	MH25-50	MH25-50	MH25-50	MH25-50			
	35	HR35..	HSV35			MH35-50	MH35-60C	MH35-50	MH35-50	MH35-50	MH35-50			
	50	HR50..	HSV50			MH50-50	MH50-60C	MH50-50	MH50-50	MH50-50	MH50-50			
	70	HR70..	HSV70			MH70-50	MH70-60C	MH70-50	MH70-50	MH70-50	MH70-50			
	95	HR95..	HSV95			MH95-50	MH95-60C	MH95-50	MH95-50	MH95-50	MH95-50			
	120	HR120..	HSV120			MH120-50	MH120-60C	MH120-50	MH120-50	MH120-50	MH120-50			
	150	HR150..	HSV150			MH150-50	MH150-60C	MH150-50	MH150-50	MH150-50	MH150-50			
	185	HR185..	HSV185			MH185-50	MH185-60C	MH185-50	MH185-50	MH185-50	MH185-50			
	240	HR240..	HSV240			MH240-50	MH240-60C	MH240-50	MH240-50	MH240-50	MH240-50			
	300	HR300..	HSV300			MH300-50*	MH300-60C	MH300-50	MH300-50	MH300-50	MH300-50			
	400													
	500													
	630													

Tools type HT 81-U and RHU 81 with adaptor type 6780232 can use the same dies of HT 51 but are equipped with spring type 6522051

* Only for B500, B500ND and RH50

⬡ = Indent crimp
⬢ = Hexagonal crimp

NB: for through connectors this is the number of crimps per conductor

DIE SELECTOR CHART

APPLICATION	CONDUCTOR		CONNECTOR		HYDRAULIC TOOLS			
	Conductor Size sqmm	Conductor Size AWG	LUGS	SPLICE	HT 120 and tools and heads with 130 kN crimping force		HT 51 RH50 B500 B500ND	
					DIE SET	DIE SET	DIE SET	DIE SET
C...	10	8	C8..	BSCL8	ME03/2-15	MY2-50	MY2-C	RHU520
CL...	16	6	C6..	BSCL6	MA03/3-15	MY3-50	MY3-C	
CL...	25	4	C4..	BSCL4		MY4-50	MY4-C	
CL...	35	3	C3..	BSCL3		MY5-50	MY5-C	
CL...	50	2	C2..	BSCL2		MY6-50	MY6-C	
CL...	70	1	C1..	BSCL1		MY7-50	MY7-C	
CL...	95	1/0	C1/0.	BSCL1/0		MY10-50	MY10-C	Adaptor AU520-130-C with die set MY.-C
CL...	120	2/0	C2/0.	BSCL2/0		MY14-50	MY14-C	
CL...	150	3/0	C3/0.	BSCL3/0		MY16-50	MY16-C	
CL...	185	4/0	C4/0.	BSCL4/0		MY19-50	MY19-C	
BSCL	240	250 MCM	C250..	BSCL250		MY24-50	MY24-C	
BSCL	300	300 MCM	C300..	BSCL300		MY30-50	MY30-C	
BSCL	350	350 MCM	C350..	BSCL350		MY36-50	MY36-C	
BSCL	400	400 MCM	C400..	BSCL400		MY37-50	MY37-C	
BSCL	500	500 MCM	C500..	BSCL500		MY48-50	MY48-C	
BSCL	600	600 MCM	C600..	BSCL600		MY60-C	MY60-C	
BSCL	750	750 MCM	C750..	BSCL750		MY76-C	MY76-C	

N.B.: Number inside symbol indicates the number of crimps for C short barrel lugs only.

○ = Circular crimp ◡ = Indent crimp ◡ = Hexagonal crimp

COPPER CONDUCTORS



DIE SELECTOR CHART

APPLICATION	Conductor Size sqmm		MATERIAL (Al)		HYDRAULIC TOOLS						ECW-H3D	RHU450	RHU520	
	rm/sm	re/se	LUGS	SPLICES	HT45-E B450ND-BV	HT51 RH50 B500 B500ND	HT60C RH60C B600C B600CND	HT81-U RHU81 ◊	HT120 and tools and heads with 130 kN crimping force	DIESET				DIESET
AAD.	10	16					MK10B-60C							
	16	25	AAD16-M..			MK12B	MK12B-50	MK12B-60C	MK12B-50	MK12-C				
	16	25		DSVA16		MK12B	MK12B-50	MK12B-60C	MK12B-50	MK12-C				
	25	35	AAD25-M..	DSVA25		MK12B	MK12B-50	MK12B-60C	MK12B-50	MK12-C				
	35	50	AAD35-M..	DSVA35		MK14B	MK14B-50	MK14B-60C	MK14B-50	MK14-C				
	50	70	AAD50-M..	DSVA50		MK16B	MK16B-50	MK16B-60C	MK16B-50	MK16-C				
	70	95	AAD70-M..	DSVA70		MK18B	MK18B-50	MK18B-60C	MK18B-50	MK18-C				
	95	120	AAD95-M..	DSVA95		MK22B	MK22B-50	MK22B-60C	MK22B-50	MK22-C				
	120	150	AAD120-M..	DSVA120		MK22B	MK22B-50	MK22B-60C	MK22B-50	MK22-C				
	150	185	AAD150-M..	DSVA150			MK25B-50	MK25B-60C	MK25B-50	MK25-C				
DSVA.	185	240	AAD185-M..	DSVA185			MK28B-50	MK28B-60C	MK28B-50	MK28-L-C				
	240	300	AAD240-M..	DSVA240			MK32B-50	MK32B-60C		MK32L-C				
	300		AAD300-M..	DSVA300				MK34B-60C		MK34L-C				
	400		AAD400-M..	DSVA400 / DSVA401							MK38-3D	MK38-450	MK38-520	
	500		AAD500-M..	DSVA500 / DSVA501							MK44-3D	MK44-450	MK44-520	
	625			DSVA625								MK52-450	MK52-520	
	800			DSVA800								MK58-450	MK58-520	
	1000			DSVA1000								MK60-450	MK60-520	

rm = round stranded
sm = sector stranded
re = round solid
se = sector solid



NB: for through connectors this is the number of crimps per conductor

◊ Tools type HT 81-U and RHU 81 with adaptor type 6780232 can use the same dies of HT 51 but are equipped with spring type 6522051

DIN EN 50182

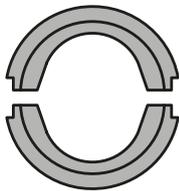
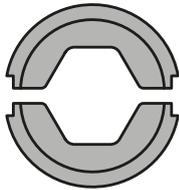
MUT DIES CROSS REFERENCE CHART

DIE INDEX	DIETYPE			
	 14.6 tons tools 131 series	 6 tons tools 51 series	 6 tons tools 45 series	 6 & 6.4 tons tools 54 & 55 series
161	MUT9999-C	MUT9999-50	MUT9999	MUT9999-W
162	MUT9998-C	MUT9998-50	MUT9998	MUT9998-W
163	MUT9997-C	MUT9997-50	MUT9997	MUT9997-W
164	MUT9996-C	MUT9996-50	MUT9996	MUT9996-W
166	MUT9995-C	MUT9995-50	MUT9995	MUT9995-W
167	MUT9958-C	-	-	MUT9958-W
168	MUT9974-C	-	-	-
169	MUT9979-C	-	-	-
170	MUT9973-C	-	-	-
203	MUT9943-C	MUT9943-50	-	MUT9943-W
204	MUT9941-C	MUT9941-50	-	MUT9941-W
209	MUT9972-C	-	-	-
239	MUT9993-C	MUT9993-50	MUT9993	MUT9993-W
242	MUT9967-C	-	-	-
243	MUT9991-C	MUT9991-50	MUT9991	MUT9991-W
247	-	MUT9954-50	-	MUT9954-W
249	MUT9990-C	MUT9990-50	MUT9990	MUT9990-W
253	MUT9957-C	-	-	-
255	MUT9962-C	-	-	-
261	MUT9956-C	-	-	-
296*	 beige	MUT9924-C	-	-
297*	 yellow olive	MUT9923-C	-	-
298*	 white	MUT9921-C	-	-
299*	 brown	MUT9918-C	-	-
300*	 pink	MUT9916-C	-	-
305	MUT9977-C	-	-	-
316	MUT9976-C	-	-	-
317	MUT9965-C	-	-	-
322	MUT9971-C	-	-	-
324*	 red	MUT9920-C	-	-
327	MUT9961-C	-	-	-
346*	 grey	MUT9928-C	-	-
348*	 pink	MUT9926-C	-	-
373	MUT9989-C	MUT9989-50	-	MUT9989-W
374*	 blue	MUT9929-C	-	-
375*	 green	MUT9927-C	-	-
467*	 rubin	MUT9922-C	-	-
470*	 blue	MUT9919-C	-	-
471*	 gold	MUT9925-C	-	-
472*	 green	MUT9917-C	-	-
473*	 black	MUT9915-C	-	-
490	MUT9966-C	-	-	-
642	MUT9970-C	-	-	-
654	MUT9975-C	MUT9975-50	-	-
655	MUT9968-C	-	-	-
658	MUT9988-C	MUT9988-50	-	MUT9988-W
659	MUT9987-C	MUT9987-50	MUT9987	MUT9987-W
936*	 yellow	MUT9914-C	-	-
698	MUT9986-C	MUT9986-50	MUT9986	MUT9986-W
699	MUT9985-C	MUT9985-50	-	MUT9985-W
708	MUT9959-C	-	-	-
756	MUT9964-C	-	-	-
788	MUT9950-C	-	-	-
790	MUT9969-C	-	-	-
BG	MUT9984-C	MUT9984-50	-	MUT9984-W
C	MUT9983-C	MUT9983-50	MUT9983	MUT9983-W
D	MUT9978-C	-	-	-
D3	MUT9981-C	MUT9981-50	-	-
E	MUT9982-C	MUT9982-50	-	MUT9982-W
F	MUT9960-C	-	-	-
K840	-	-	-	MUT9942-W
N	MUT9955-C	-	-	-
O	MUT9980-C	MUT9980-50	-	MUT9980-W

*Stainless steel dies

RHU600 DIES CROSS REFERENCE CHART

DIE INDEX	DIE TYPE			
	CEMBRE	ALCOA	HUSKIE	BURNDY
10SH	M10SH-600	6010SH	HA60-01	-
12SH	M12SH-600	6012SH	HA60-02	-
14SH	M14SH-600	6014SH	HA60-03	-
16SH	M16SH-600	6016SH	HA60-04	-
18SH	M18SH-600	6018SH	HA60-05	-
20SH	M20SH-600	6020SH	HA60-06	-
74SH	M74SH-600	6074SH	HA60-07	-
75SH	M75SH-600	6075SH	HA60-08	-
76SH	M76SH-600	6076SH	HA60-09	-
76.1SH	M76.1SH-600	6076.1SH	-	-
20AH	M20AH-600	6020AH	HA60-20	20AH60
24AH	M24AH-600	6024AH	HA60-21	24AH60
27AH	M27AH-600	6027AH	HA60-22	27AH60
30AH	M30AH-600	6030AH	HA60-23	30AH60
34AH	M34AH-600	6034AH	HA60-24	34AH60
36AH	M36AH-600	6036AH	HA60-25	36AH60
38AH	M38AH-600	6038AH	HA60-26	38AH60
40AH	M40AH-600	6040AH	HA60-27	40AH60
74AH	M74AH-600	6074AH	HA60-28	-
75AH	M75AH-600	6075AH	HA60-29	75AH60
76AH	M76AH-600	6076AH	HA60-30	76AH60
07CD	M7CD-600	6007CD	HA60-40	07CD60
08CD	M8CD-600	6008CD	HA60-41	08CD60
09CD	M9CD-600	6009CD	HA60-42	09CD60
10CD	M10CD-600	6010CD	HA60-43	10CD60
11CD	M11CD-600	6011CD	HA60-44	11CD60
12CD	M12CD-600	6012CD	HA60-45	12CD60
13CD	M13CD-600	6013CD	HA60-46	13CD60
14CD	M14CD-600	6014CD	HA60-47	14CD60
15CD	M15CD-600	6015CD	HA60-48	15CD60
16CD	M16CD-600	6016CD	HA60-49	16CD60
17CD	M17CD-600	6017CD	HA60-50	17CD60



RHU1000 DIES CROSS REFERENCE CHART

DIE INDEX	DIETYPE		
	 CEMBRE	ALCOA	HUSKIE
10SH	M10SH-1000	10010SH	HA100-01
12SH	M12SH-1000	10012SH	HA100-02
14SH	M14SH-1000	10014SH	HA100-03
16SH	M16SH-1000	10016SH	HA100-04
18SH	M18SH-1000	10018SH	HA100-05
20SH	M20SH-1000	10020SH	HA100-06
76SH	M76SH-1000	10076SH	-
20AH	M20AH-1000	10020AH	HA100-20
24AH	M24AH-1000	10024AH	HA100-21
27AH	M27AH-1000	10027AH	HA100-22
30AH	M30AH-1000	10030AH	HA100-23
34AH	M34AH-1000	10034AH	HA100-24
36AH	M36AH-1000	10036AH	HA100-25
38AH	M38AH-1000	10038AH	HA100-26
40AH	M40AH-1000	10040AH	HA100-27
76AH	M76AH-1000	10076AH	HA100-30
42AH	M42AH-1000	10042AH	HA100-34
44AH	M44AH-1000	10044AH	HA100-36
48AH	M48AH-1000	10048AH	HA100-38
07CD	M7CD-1000	10007CD	HA100-40
08CD	M8CD-1000	10008CD	HA100-41
09CD	M9CD-1000	10009CD	HA100-42
10CD	M10CD-1000	10010CD	HA100-43
11CD	M11CD-1000	10011CD	HA100-44
12CD	M12CD-1000	10012CD	HA100-45
13CD	M13CD-1000	10013CD	HA100-46
14CD	M14CD-1000	10014CD	HA100-47
15CD	M15CD-1000	10015CD	HA100-48
16CD	M16CD-1000	10016CD	HA100-49
17CD	M17CD-1000	10017CD	HA100-50
18CD	M18CD-1000	10018CD	HA100-51
19CD	M19CD-1000	10019CD	HA100-52
20CD	M20CD-1000	10020CD	HA100-53