

# 18 V CORDLESS HYDRAULIC CRIMPING TOOL B500-KV

*VERSION ISOLATED*  
*also available for Power Supply Companies*

18 V cordless hydraulic crimping tool, lightweight and balanced for single hand operation.

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.

The crimping head can rotate through 180° for ease of operation.

The B 500-KV will accept die sets common to the Cembre 50 kN tooling range.

Fitted with a maximum hydraulic pressure valve. Complete with a battery condition display which, after every operation, indicates the residual battery power.

Extremely quiet in operation, with very little vibration. Ergonomically designed with a sculptured body for operator comfort.



## MAIN APPLICATIONS - max section mm<sup>2</sup>

L.V. lugs and splices	Insulated terminals	End sleeves	“C” sleeve Connectors
300	120	120	70

The tool is supplied with:  
Basic tool with battery, wrist strap and shoulder strap  
Spare battery  
Battery charger  
Plastic carrying case suitable for storing the tool and 21 die sets

Dies not include, sold separately

# 18 V CORDLESS HYDRAULIC CRIMPING TOOL B500-KV

## *Technical characteristics*

### PROPERTIES

Force developed	63 kN
Battery material	Li-Ion
Battery voltage	18 V
Battery current	4 Ah
Length	305 mm
Height	347 mm
Width	83 mm
Weight	4.3 kg
Min operating temperature range (surge)	-15 °C
Max operating temperature range (surge)	50 °C



# 18 V CORDLESS HYDRAULIC CRIMPING TOOL B500-KV

*Products used together*

## Connectors

### A-2M Contained palm

A24B-2M8-25/19                      A24B-2M8-45/19

### COLOR CODED COPPER CRIMPING LUGS CL

CL1/0-10	CL1/0-12	CL1/0-38
CL1/0-516	CL1-10	CL1-12
CL1-516	CL2/0-12	CL2/0-38
CL2-10	CL2-12	CL2-14
CL250-12	CL2-516	CL3/0-12
CL300-12	CL3-12	CL3-14
CL3-38	CL350-12	CL3-516
CL4/0-12	CL4/0-38	CL400-12
CL400-58	CL4-10	CL4-12
CL4-14	CL4-38	CL500-12
CL500-58	CL6-10	CL6-12
CL6-14	CL8-10	CL8-14
CL8-38		

**COPPER TUBE CRIMPING LUGS A-2M**

A10-2M10	A10-2M10-24-13	A10-2M12
A10-2M12-25	A10-2M6	A10-2M8
A10-2M8-20	A10-2M8-22	A10-2M8-24-24
A10-2M8-30	A14-2M10	A14-2M10-24
A14-2M12	A14-2M12-25	A14-2M12-30-29
A14-2M12-40	A14-2M14	A14-2M8
A14-2M8-24-24	A19-2M10	A19-2M10-24-13
A19-2M10-24-26	A19-2M10-40	A19-2M12
A19-2M12-25	A19-2M12-30-29	A19-2M14
A19-2M14-25	A19-2M16	A19-2M6
A19-2M8-24-24	A19-2M8-50-S	A2-2M4-12
A2-2M8-20	A24-2M10	A24-2M10-22
A24-2M10-25/24	A24-2M10-33.5	A24-2M12
A24-2M12-30-29	A24-2M12-40	A24-2M14
A24-2M16	A24-2M8-20	A24-2M8-24-29
A24L-2M10-30AS	A30-2M10	A30-2M10-24-28
A30-2M12	A30-2M12-30	A30-2M12-30-29
A30-2M12-40	A30-2M14	A30-2M14-33.5
A30-2M8-20	A3-2M12-40	A3-2M8-20
A37-2M10	A37-2M10-25	A37-2M12
A37-2M12-30-31	A37-2M12-32	A37-2M14
A37-2M14-35	A37-2M16	A37-2M16-40
A48-2M10	A48-2M10-20	A48-2M10-35
A48-2M12	A48-2M12-30-31	A48-2M12-35
A48-2M12-40	A48-2M14	A48-2M14-40
A48-2M16	A5-2M10-24-13	A5-2M8-20
A5-2M8-24-24	A60-2M10	A60-2M12
A60-2M12-30-38	A60-2M12-40	A60-2M14
A60-2M16	A60-2M16/36	A60-2M16-35
A60-2M16-40	A7-2M10	A7-2M10-25
A7-2M12	A7-2M12-25	A7-2M12-40

**COPPER TUBE CRIMPING LUGS ACCORDING TO DIN 46235 DR**

DR10-10	DR10-5	DR10-6
DR10-8	DR120-10	DR120-12
DR120-16	DR120-20	DR120-8
DR150-10	DR150-12	DR150-16
DR150-20	DR16-10	DR16-12
DR16-5	DR16-6	DR16-8
DR185-10	DR185-12	DR185-16
DR185-20	DR240-10	DR240-12
DR240-16	DR240-20	DR25-10
DR25-12	DR25-6	DR25-8
DR35-10	DR35-12	DR35-16
DR35-6	DR35-8	DR50-10
DR50-12	DR50-16	DR50-6
DR50-8	DR6-5	DR6-6
DR6-8	DR70-10	DR70-12
DR70-16	DR70-20	DR70-8
DR95-10	DR95-12	DR95-16
DR95-20	DR95-8	

**COPPER TUBE CRIMPING LUGS A-M**

A10-M10	A10-M12	A10-M14
A10-M16	A10-M6	A10-M8
A14-M10	A14-M12	A14-M14
A14-M16	A14-M6	A14-M8
A19-M10	A19-M12	A19-M14
A19-M16	A19-M20	A19-M6
A19-M8	A1-M10	A1-M3
A1-M3.5	A1-M4	A1-M5
A1-M6	A1-M8	A24-M10
A24-M12	A24-M14	A24-M16
A24-M20	A24-M8	A2-M10
A2-M12	A2-M4	A2-M5
A2-M6	A2-M8	A30-M10
A30-M12	A30-M14	A30-M16
A30-M20	A30-M8	A37-M10
A37-M12	A37-M14	A37-M16
A37-M20	A37-M8	A3-M10
A3-M12	A3-M4	A3-M5
A3-M6	A3-M8	A48-M10
A48-M12	A48-M14	A48-M16
A48-M20	A48-M8	A5-M10
A5-M12	A5-M4	A5-M5
A5-M6	A5-M8	A7-M10
A7-M12	A7-M5	A7-M6
A7-M8		

**COPPER TUBE CRIMPING LUGS ANGLED 90° A-L**

A10-L10	A10-L12	A10-L6
A10-L8	A14-L10	A14-L12
A14-L16	A14-L8	A19-L10
A19-L12	A19-L8	A1-L6
A24-L10	A24-L12	A2-L5
A2-L6	A2-L8	A30-L10
A30-L12	A37-L10	A37-L12
A3-L10	A3-L5	A3-L6
A3-L8	A48-L10	A48-L12
A5-L10	A5-L6	A5-L8
A7-L10	A7-L12	A7-L6
A7-L8		

**COPPER TUBE CRIMPING LUGS HR**

HR10-10	HR10-12	HR10-6
HR10-8	HR120-10	HR120-12
HR120-14	HR120-16	HR120-20
HR120-8	HR150-10	HR150-12
HR150-14	HR150-16	HR150-20
HR150-8	HR16-10	HR16-12
HR16-6	HR16-8	HR185-10
HR185-12	HR185-14	HR185-16
HR185-20	HR240-10	HR240-12
HR240-14	HR240-16	HR240-20
HR25-10	HR25-12	HR25-14
HR25-6	HR25-8	HR35-10
HR35-12	HR35-14	HR35-16
HR35-6	HR35-8	HR50-10
HR50-12	HR50-14	HR50-16
HR50-6	HR50-8	HR70-10
HR70-12	HR70-14	HR70-16
HR70-6	HR70-8	HR95-10
HR95-12	HR95-14	HR95-16
HR95-20	HR95-8	

**CRIMPING CONNECTORS ACCORDING TO DIN 46234 Q**

Q10-10	Q10-12	Q10-4
Q10-5	Q10-6	Q10-8
Q16-10	Q16-12	Q16-5
Q16-6	Q16-8	Q25-10
Q25-12	Q25-16	Q25-5
Q25-6	Q25-8	Q35-10
Q35-12	Q35-16	Q35-6
Q35-8	Q50-10	Q50-12
Q50-16	Q50-6	Q50-8
Q70-10	Q70-12	Q70-16
Q70-6	Q70-8	

**HIGH VOLTAGE COPPER TERMINALS 2A-M**

2A10-M10	2A10-M12	2A10-M14
2A10-M16	2A14-M10	2A14-M12
2A14-M14	2A14-M16	2A19-M10
2A19-M12	2A19-M14	2A19-M16
2A19-M20	2A24-M10	2A24-M12
2A24-M14	2A24-M16	2A24-M20
2A30-M10	2A30-M14	2A30-M16
2A30-M20	2A37-M12	2A37-M14
2A37-M16	2A37-M20	2A3-M10
2A3-M8	2A48-M12	2A48-M14
2A48-M16	2A48-M20	2A5-M10
2A5-M12	2A5-M8	2A7-M10
2A7-M12	2A7-M8	

**HIGH VOLTAGE STALK CONNECTORS MT-C**

MT150R-C12	MT150R-C16	MT150S-C12
MT150S-C14-80	MT150S-C16	MT200R-C10
MT200R-C16	MT25-C8	MT40S-C10
MT40S-C14-80	MT40S-C8	MT50R-C10
MT50R-C8	MT50S-C10	MT50S-C14-80
MT50S-C8	MT70S-C10	MT95R-C10
MT95R-C12	MT95S-C10	MT95S-C12

**POLYAMIDE PA6.6 INSULATED COPPER TUBE LUGS ANE-M**

ANE10-M10	ANE10-M12	ANE10-M6
ANE10-M8	ANE14-M10	ANE14-M12
ANE14-M14	ANE14-M6	ANE14-M8
ANE19-M10	ANE19-M12	ANE19-M14
ANE19-M16	ANE19-M8	ANE24-M10
ANE24-M12	ANE24-M14	ANE24-M16
ANE2-M10	ANE2-M12	ANE2-M4
ANE2-M5	ANE2-M6	ANE2-M8
ANE3-M10	ANE3-M12	ANE3-M4
ANE3-M5	ANE3-M6	ANE3-M8
ANE5-M10	ANE5-M12	ANE5-M4
ANE5-M5	ANE5-M6	ANE5-M8
ANE7-M10	ANE7-M12	ANE7-M6
ANE7-M8		

**POLYAMIDE PA6.6 INSULATED FORK TERMINALS ANE-U**

ANE2-U4	ANE2-U5	ANE3-U4
ANE3-U5		

**POLYPROPYLENE INSULATED END SLEEVES PK**

PKC120027	PKC1612	PKC1618
PKC25016	PKC25022	PKC35016
PKC35025	PKC50020	PKC50025
PKC70022	PKC95025	PKD1612
PKD1618	PKD25016	PKD25022
PKD35016	PKD35025	PKD50020
PKD50025	PKE25016	PKE25022
PKT1614		

**SLEEVE CONNECTORS C-C**

C10-C10	C10-C10ST	C16-C16
C16-C16ST	C25-C10	C25-C10ST
C25-C25	C25-C25ST	C35-C16
C35-C16ST	C35-C35	C35-C35ST
C50-C25	C50-C25ST	C50-C50
C50-C50ST	C6-C6	C6-C6ST
C70-C25N	C70-C25N-ST	C70-C35
C70-C35ST	C70-C70	C70-C70ST

**UNINSULATED PIN CONNECTORS A-P**

A10-P25	A14-P30	A2-P12
A3-P14	A5-P16	A7-P20



**Color coded copper crimping lugs C**

C1/0-12	C1/0-14	C1/0-38
C1/0-516	C1/0-58	C1/0-916
C1-12	C1-14	C1-38
C1-516	C2/0-12	C2/0-14
C2/0-34	C2/0-38	C2/0-516
C2/0-58	C2/0-916	C2-10
C2-12	C2-14	C2-38
C250-12	C250-14	C250-34
C250-38	C250-516	C250-58
C250-78	C250-916	C2-516
C3/0-12	C3/0-14	C3/0-34
C3/0-38	C3/0-516	C3/0-58
C3/0-916	C300-12	C300-34
C300-38	C300-516	C300-58
C300-78	C300-916	C3-10
C3-12	C3-14	C3-38
C350-12	C350-34	C350-38
C350-58	C350-78	C350-916
C3-516	C3-8	C4/0-12
C4/0-14	C4/0-34	C4/0-38
C4/0-516	C4/0-58	C4/0-916
C400-12	C400-34	C400-38
C400-58	C400-78	C400-916
C4-10	C4-12	C4-14
C4-38	C4-516	C4-8
C500-12	C500-34	C500-38
C500-58	C500-78	C500-916
C6-10	C6-12	C6-14
C6-38	C6-516	C6-8
C8-10	C8-12	C8-14
C8-38	C8-516	C8-8

**COLOR CODED COPPER CRIMPING LUGS CL-D**

CL1/0-D14	CL1/0-D141	CL1/0-D38
CL1/0-DN	CL1-D14	CL1-D141
CL1-D38	CL1-DN	CL2/0-D14
CL2/0-D141	CL2/0-D38	CL2/0-DN
CL250-D38	CL250-DN	CL2-D14
CL2-D141	CL2-D38	CL2-DN
CL2-DN38	CL3/0-D141	CL3/0-D38
CL3/0-DN	CL300-D38	CL300-DN
CL350-D141	CL350-D38	CL350-DN
CL3-D38	CL3-DN	CL4/0-D141
CL4/0-D38	CL4/0-DN	CL4/0-DN38
CL400-D141	CL400-D38	CL400-DN
CL4-D14	CL4-D141	CL4-D38
CL4-DN	CL500-D141	CL500-D38
CL500-DN	CL6-D14	CL6-D141
CL6-D38	CL6-DN	CL8-D14
CL8-D141	CL8-D38	

**COPPER TUBE CRIMPING LUGS A-2M Angled**

A10-2M8-24-24/345°	A14-2M10-24-26/315°	A14-2M10-24-26/345°
A14-2M12-30-29/345°	A14-2M8-24-24/345°	A19-2M10-24-26/345°
A19-2M12-30-29/345°	A24-2M10-24-29/345°	A24-2M12-30-29/345°
A24-2M8-24-29/345°	A30-2M10-24-28/345°	A30-2M12-30-29/345°
A30-2M8-24-29/345°	A37-2M10-25/315°	A37-2M12-30-31/345°
A48-2M12/345°	A48-2M12-30/45°	A48-2M12-30-31/345°
A5-2M12-30-29/345°	A5-2M8-24-24/345°	A60-2M12-30-38/345°

**COPPER TUBE CRIMPING LUGS ACCORDING TO NF C 20-130 T-M**

T10-M10	T10-M5	T10-M6
T10-M8	T120-M10	T120-M12
T120-M14	T120-M16	T120-M8
T150-M10	T150-M12	T150-M14
T150-M16	T16-M10	T16-M5
T16-M6	T16-M8	T185-M10
T185-M12	T185-M14	T185-M16
T240-M10	T240-M12	T240-M14
T240-M16	T240-M20	T25-M10
T25-M12	T25-M6	T25-M8
T35-M10	T35-M12	T35-M6
T35-M8	T50-M10	T50-M12
T50-M6	T50-M8	T6-M4
T6-M5	T6-M6	T6-M8
T70-M10	T70-M12	T70-M8
T95-M10	T95-M12	T95-M14
T95-M16	T95-M8	

**COPPER TUBE CRIMPING LUGS A-M Fine stranded**

A12-M10	A12-M10/19	A12-M12
A12-M6/15	A12-M8	A17-M10
A17-M10/19	A17-M12	A17-M14
A17-M16	A17-M6	A17-M8
A20-M10	A20-M12	A20-M14
A20-M16	A20-M8	A29-M10
A29-M12	A29-M14	A29-M16
A29-M20	A29-M8	A35-M10
A35-M12	A35-M14	A35-M16
A35-M20	A40-M10	A40-M12
A40-M14	A40-M16	A40-M20
A9-M10	A9-M12	A9-M6/15
A9-M8		

**COPPER TUBE CRIMPING LUGS ANGLED 90° T-L**

T10-L5	T10-L6	T10-L8
T120-L10	T120-L12	T150-L10
T150-L12	T16-L6	T16-L8
T25-L6	T25-L8	T35-L10
T35-L6	T35-L8	T50-L10
T50-L8	T6-L6	T70-L10
T70-L12	T95-L10	T95-L12
T95-L8		

**COPPER TUBE LUGS 4-ESI FIXING A-4ESI**

A37-4ESI	A48-4ESI
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**CRIMPING THROUGH CONNECTORS HSV**

HSV10	HSV120	HSV150
HSV16	HSV185	HSV240
HSV25	HSV35	HSV50
HSV70	HSV95	

**HIGH VOLTAGE COPPER TERMINALS CA-M**

CA150R-M12	CA150R-M14	CA150S-M12
CA150S-M14	CA200R-M14	CA25-M10
CA25-M12	CA25-M8	CA40S-M12
CA40S-M16	CA50R-M12	CA50S-M12
CA50S-M16	CA95R-M12	CA95R-M14
CA95S-M12	CA95S-M14	CA95S-M16

**HIGH VOLTAGE TERMINALS CA-2M**

CA150-2M12	CA150R-2M14	CA150S-2M14
CA200R-2M14	CA40S-2M12	CA50R-2M12
CA50S-2M12	CA95R-2M14	CA95S-2M14

**POLYAMIDE PA6.6 INSULATED COPPER TUBE LUGS ANE-M Fine stranded**

ANE12-M10	ANE12-M10/19	ANE12-M12
ANE12-M6/15	ANE12-M8	ANE17-M10
ANE17-M10/19	ANE17-M12	ANE17-M14
ANE17-M16	ANE17-M6	ANE17-M8
ANE20-M10	ANE20-M12	ANE20-M14
ANE20-M16	ANE20-M8	ANE9-M10
ANE9-M12	ANE9-M6/15	ANE9-M8

**POLYAMIDE PA6.6 INSULATED PIN TERMINALS ANE-P**

ANE2-P12	ANE3-P14	ANE5-P16
ANE7-P20		

**RING TONGUE TERMINALS WITH CONTAINED PALM A-M Contained palm**

A10B-M6/11.5	A14B-M6/11.5	A19B-M8/15.5
A19-M10/19	A24B-M10/19	A24B-M8/19
A2-M5/9	A30B-M10/19	A30B-M8/19
A37B-M10/24.5	A3-M5/9	A48-M10/31
A48-M12/31	A48-M16/31	A5-M5/9
A7B-M6/11.5		

**UNINSULATED END SLEEVES KE**

KE1016ST	KE25015ST	KE25018ST
KE35012ST	KE35015ST	KE35018ST

**Through connectors**
**COLOR CODED SPLICES BSCL**

BSCL1	BSCL1/0	BSCL2
BSCL2/0	BSCL250	BSCL3
BSCL3/0	BSCL300	BSCL350
BSCL4	BSCL4/0	BSCL400
BSCL500	BSCL6	BSCL8

**CRIMPING THROUGH CONNECTORS L-T**

L10-T	L120-T	L150-T
L16-T	L185-T	L240-T
L25-T	L35-T	L50-T
L6-T	L70-T	L95-T

**HIGH VOLTAGE COPPER THROUGH CONNECTORS MT-TD**

MT150R-TD	MT150S-TD	MT200R-TD
MT25-TD	MT40S-TD	MT50R-TD
MT50S-TD	MT70S-TD	MT95R-TD
MT95S-TD		

**THROUGH CONNECTORS L-M**

L10-M	L14-M	L19-M
L24-M	L2-M	L30-M
L37-M	L3-M	L48-M
L5-M	L7-M	

**CRIMPING THROUGH CONNECTORS ACCORDING TO DIN 46267 T.1 DSV**

DSV10	DSV120	DSV150
DSV16	DSV185	DSV240
DSV25	DSV35	DSV50
DSV6	DSV70	DSV95

**HIGH VOLTAGE COPPER THROUGH CONNECTORS MT-GC**

MT150R-GC	MT150S-GC	MT200R-GC
MT25-GC	MT40S-GC	MT50R-GC
MT50S-GC	MT70S-GC	MT95R-GC
MT95S-GC		

**PARALLEL CONNECTORS L-P**

L10-P	L14-P	L19-P
L1-P	L24-P	L2-P
L30-P	L37-P	L3-P
L48-P	L5-P	L7-P

**Tools**
**CRIMPING FORCE GAUGES FOR HYDRAULIC TOOLS MPC7 - MPC7**

*Insulated version of this product*

**Tools**
**18 V CORDLESS HYDRAULIC CRIMPING TOOL B500-KV - B500-KV**

*In the same kit*

**Accessories**

Shoulder strap 6000354	USB cable 6006309
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**Tools**
**Batteries CB - Li-Ion high power battery CB1840L**
**Battery charger ASC30-36 - ASC30-36 EU 27044000**
**Storage**
**- Plastic case VAL P38**