

18.0 V CORDLESS HYDRAULIC CRIMPING TOOL B1300-UC

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

Born of the renowned B131-UC type crimping tool, B1300-UC will accept the accessories for performing the “Deep Stepped Indent” system of crimping on Aluminium cables.

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

New Li-Ion 18 V 4 Ah batteries offer a higher capacity than 14.4 V 3 Ah, while greater crimping speed and crimping force result from a revitalised hydraulic system with double speed action: a rapid approach of the dies to the connector then a slower, more powerful speed for crimping.

A maximum pressure sensor and pressure relief valve assure greater precision and repeatability of the pressure cycle and double the provision for operator safety.



MAIN APPLICATIONS - max section mm ²				
L.V. lugs and splices	Insulated terminals	“C” sleeve Connectors	H.V. lugs and splices	Alu lugs and splices
400	240	185	400	300

The OLED display provides essential real time tool operating information data including:

- >Crimping pressure and force being generated, for confirmation of adherence to norms and best practice
- >Battery power availability
- >Tool identification, LED work light state, reset, no. of operational and service crimping cycles
- >Tool service required to maintain optimum condition.

Designed with improved balance, B1300-UC is easily manageable during the crimping process and, by the use of bi-component plastics, has a shell with high resistance to wear and damage.

Rubber grip inserts, low noise and minimal vibration aid operator comfort while additional convenience and safety are provided by LED lighting of the working area.

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

Operating temperature: -15 to +50 ° C

The tool is supplied as:

- >• Basic tool with battery and shoulder strap
- >• Spare battery

- >• *AC charger (110-115V)*
- >• *Plastic carrying case suitable for storing the tool and 12 die sets*

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Technical characteristics

PROPERTIES

Type of action	Crimp
Battery current	18 Ah
Battery voltage	4 V
Battery material	Li-Ion
Length	423 mm
Width	102.5 mm
Height	239 mm
Weight	6.5 kg



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In the same kit

Accessories

Shoulder strap 6000354 USB cable 6006309

Tools

- Li-Ion high power battery CB1840L

Battery charger ASC30-36

ASC30-36 AUS/NZ 27046000 ASC30-36 EU 27044000

Products used together

Connectors

ALUMINIUM TERMINALS AA-M

AA120-M12-ST	AA120-M14	AA150-M12
AA150-M14	AA16-M8	AA185-M12
AA185-M14	AA240-M12	AA240-M14
AA25-M8	AA300-34-M12	AA300-34-M14
AA300-34-M16	AA300-M16	AA35-M10
AA35-M8	AA50-M12	AA50-M14
AA70-M12	AA70-M14	AA95-M12
AA95-M14		

BIMETALLIC CONNECTORS MTA-C

MTA16-C	MTA25-C	MTA120-C
MTA120-C14-60	MTA150-C	MTA150-C14-30
MTA150-C14-60	MTA150-C21-75	MTA16-C
MTA185-C	MTA185-C14-60	MTA240-C
MTA240-C14-60	MTA35-20-C14-60	MTA35-C
MTA50-C	MTA70-C	MTA70-C14-60
MTA95-C	MTA95-C14-60	

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
DR300-12	DR300-16	DR300-20
DR35-10	DR35-12	DR35-16
DR35-6	DR35-8	DR50-10
DR50-12	DR50-16	DR50-6
DR50-8	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 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 LUGS 4-ESI FIXING A-4ESI

A37-4ESI	A48-4ESI	A60-4ESI
A80-4ESI		

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	2A60-M12
2A60-M14	2A60-M16	2A60-M20
2A7-M10	2A7-M12	2A7-M8
2A80-M12	2A80-M14	2A80-M16
2A80-M20		

HIGH VOLTAGE STALK CONNECTORS MT-C

MT150R-C12	MT150R-C16	MT150S-C12
MT150S-C14-80	MT150S-C16	MT200R-C10
MT200R-C16	MT240R-C12	MT240R-C16
MT25-C8	MT315R-C16	MT315S-C16
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		

HIGH VOLTAGE TERMINALS CA-2M

CA150-2M12	CA150R-2M14	CA150S-2M14
CA200R-2M14	CA240R-2M14	CA315R-2M14
CA315S-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	ANE29-M10
ANE29-M12	ANE29-M14	ANE29-M16
ANE29-M20	ANE35-M12	ANE35-M14
ANE35-M16	ANE35-M20	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		

SLEEVE CONNECTORS C-C

C10-C10	C10-C10ST	C120-C120
C120-C120ST	C150-C120	C150-C120ST
C150-C150	C150-C150ST	C16-C16
C16-C16ST	C185-C95	C185-C95ST
C25-C10	C25-C10ST	C25-C25
C25-C25ST	C35-C16	C35-C16ST
C35-C35	C35-C35ST	C50-C25
C50-C25ST	C50-C50	C50-C50ST
C70-C25N	C70-C25N-ST	C70-C35
C70-C35ST	C70-C70	C70-C70ST
C95-C35	C95-C35ST	C95-C70
C95-C70ST	C95-C95	C95-C95ST

BIMETALLIC CONNECTORS CAA-M

CAA10-M12	CAA120-M12	CAA150-M12
CAA16-M12	CAA185-M12	CAA240-M12
CAA25-M12	CAA300-34-M12	CAA300-34-M16
CAA35-20-M12	CAA35-M12	CAA50-M12
CAA70-M12	CAA95-M12	

COLOR CODED COPPER CRIMPING LUGS CL-D - CL8-D14
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	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	A60-M10	A60-M12
A60-M14	A60-M16	A60-M20
A7-M10	A7-M12	A7-M5
A7-M6	A7-M8	A80-M12
A80-M14	A80-M16	A80-M20

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
A60-L12	A7-L10	A7-L12
A7-L6	A7-L8	

CRIMPING CONNECTORS ACCORDING TO DIN 46234 Q

Q10-10	Q10-12	Q10-4
Q10-5	Q10-6	Q10-8
Q120-10	Q120-12	Q120-16
Q120-8	Q150-10	Q150-12
Q150-16	Q16-10	Q16-12
Q16-5	Q16-6	Q16-8
Q185-10	Q185-12	Q185-16
Q240-10	Q240-12	Q240-16
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
Q95-10	Q95-12	Q95-16
Q95-8		

HIGH VOLTAGE COPPER TERMINALS CA-M

CA150R-M12	CA150R-M14	CA150S-M12
CA150S-M14	CA200R-M14	CA240R-M14
CA25-M10	CA25-M12	CA25-M8
CA315R-M14	CA315S-M14	CA40S-M12
CA40S-M16	CA50R-M12	CA50S-M12
CA50S-M16	CA95R-M12	CA95R-M14
CA95S-M12	CA95S-M14	CA95S-M16

HIGH VOLTAGE TERMINALS 2A-2M

2A80-2M12	2A80-2M14	2A80-2M16
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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
ANE30-M12	ANE30-M14	ANE30-M16
ANE30-M20	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		

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
A60B-M10/31	A60B-M12/31	A7B-M6/11.5

UNINSULATED PIN CONNECTORS A-P

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

Through connectors

COLOR CODED SPLICES BSCL

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

HIGH VOLTAGE COPPER THROUGH CONNECTORS MT-GC

MT150R-GC	MT150S-GC	MT200R-GC
MT240R-GC	MT25-GC	MT315R-GC
MT315S-GC	MT40S-GC	MT50R-GC
MT50S-GC	MT70S-GC	MT95R-GC
MT95S-GC		

MTA

MTA35-20	MTA50-GC	MTA70
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REDUCER THROUGH CONNECTORS MTMA--GC

MTMA120-70-GC	MTMA120-95-GC	MTMA150-120-GC
MTMA150-70-GC	MTMA150-95-GC	MTMA16-10-GC
MTMA185-120-GC	MTMA185-150-GC	MTMA240-150-GC
MTMA240-185-GC	MTMA25-10-GC	MTMA25-16-GC
MTMA50-25-GC	MTMA50-35-GC	MTMA70-35-GC
MTMA70-50-GC	MTMA95-50-GC	MTMA95-70-GC
MTMAD300-150-GC	MTMAD300-185-GC	MTMAD300-240-GC
MTMAD300-95-GC		

THROUGH CONNECTORS MTMA/1 - MTMAD300/1
CRIMPING THROUGH CONNECTORS ACCORDING TO DIN 46267 T.1 DSV

DSV10	DSV120	DSV150
DSV16	DSV185	DSV240
DSV25	DSV300	DSV35
DSV50	DSV6	DSV70
DSV95		

HIGH VOLTAGE COPPER THROUGH CONNECTORS MT-TD

MT150R-TD	MT150S-TD	MT200R-TD
MT240R-TD	MT25-TD	MT315R-TD
MT315S-TD	MT400-TD	MT40S-TD
MT50R-TD	MT50S-TD	MT70S-TD
MT95R-TD	MT95S-TD	

PARALLEL CONNECTORS L-P

L10-P	L14-P	L19-P
L24-P	L2-P	L30-P
L37-P	L3-P	L48-P
L5-P	L60-P	L7-P

THROUGH CONNECTORS L-M

L10-M	L14-M	L19-M
L24-M	L2-M	L30-M
L37-M	L3-M	L48-M
L5-M	L60-M	L7-M
L80-M		

THROUGH CONNECTORS MTMA-GC

MTMA10-GC	MTMA120-GC	MTMA150-GC
MTMA16-GC	MTMA185-GC	MTMA240-GC
MTMA25-GC	MTMA35-20-GC	MTMA35-GC
MTMA50-GC	MTMA70-GC	MTMA95-GC
MTMAD300-GC		