

18V CORDLESS HYDRAULIC CRIMPING TOOL B500E

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

Born of the renowned B51 type crimping tool, first into the market is the 60kN B 500, suitable for a wide range of connectors up to 240 sqmm using die sets common to the Cembre 50kN tooling range.



Main applications max section mm ²			
L.V lugs and splices	Insulated terminals	End sleeves	“C” sleeve connectors
300	120	120	70

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 revitalized 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 security valve assure greater precision and repeatability of the pressure cycle and double the provision for operator safety.

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

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

Designed with less weight and improved balance, B500 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 (upto 200,000 events) is automatically stored on a memory card for transfer to PC by USB interface.

Directive 2006/42/EC, annexe 1, point 1.7.4.2 letter u

- > $L_{pA} = 73$ dB (A) (weighted continuous acoustic pressure level equivalent)
- > $L_{pCPeak} = 94.5$ dB (C) (maximum value of the weighted acoustic displacement pressure at the work place)
- > $L_{WA} = 79$ dB (A) (acoustic power level emitted by the machine)

VIBRATION**Directive 2006/42/EC, annexe 1, point 2.2.1.1**

Weighted root mean square in frequency of the acceleration the upper limbs are exposed to for each biodynamic reference axis. Tests carried out in compliance with the indications contained in UNI ENV 25349 and UNI EN 28662 part 1st Standards, and under operating conditions much more severe than those normally found: **0.575 max. m/s^2**

18V CORDLESS HYDRAULIC CRIMPING TOOL B500E

Technical characteristics

PROPERTIES

Force developed	63 kN
Length	300 mm
Height	343 mm
Width	83 mm
Weight	4.2 kg
Battery material	Li-Ion
Battery voltage	18 V
Battery current	4 Ah
Min operating temperature range	-15 °C
Max operating temperature range	50 °C



18V CORDLESS HYDRAULIC CRIMPING TOOL B500E

Products used together

Connectors

A050D12	A050S12	AF022
AF050	AF100	AP050
AP100	BMR0751-2H10	BMR0751-M12
BMR0751-M12/30	BMR0751-M14	BMR0751-M14/30
BMR0751-M16	BMR0751-M16/30	BMR0751-M20
BMR0751-M20/30	DF025	DF040
DF050	DF100	R025D12
R025S12	R050D12	R050S12
RP025	RP050	RP100

30° palm double M10 stud fixing BMR-2H10 - BMR050-2H10

30° palm single stud fixing BMR-M/30

BMR025-M12/30	BMR025-M14/30	BMR025-M16/30
BMR025-M20/30	BMR050-M12/30	BMR050-M14/30
BMR050-M16/30	BMR050-M20/30	

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 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-L12	A5-L10
A5-L6	A5-L8	A7-L10
A7-L12	A7-L6	A7-L8

Full tension splice CF

CF014	CF016	CF025
CF032	CF035	CF050
CF070		

HIGH VOLTAGE COPPER TERMINALS CA-M

CA120-M12	CA120-M16	CA150-M12
CA150-M16	CA150R-M12	CA150R-M14
CA150S-M12	CA150S-M14	CA185-M12
CA185-M16	CA200R-M14	CA25-M10
CA25-M12	CA25-M8	CA35-M10
CA35-M12	CA35-M16	CA40S-M12
CA40S-M16	CA50-M10	CA50-M12
CA50-M14	CA50-M16	CA50R-M12
CA50S-M12	CA50S-M16	CA70S-M10
CA70S-M12	CA70S-M14	CA70S-M16
CA95-M10	CA95-M12	CA95-M16
CA95R-M12	CA95R-M14	CA95S-M12
CA95S-M14	CA95S-M16	

HIGH VOLTAGE COPPER THROUGH CONNECTORS MT-TD

MT120-TD	MT150-TD	MT185-TD
MT35-TD	MT50-TD	MT70-TD
MT95-TD		

HIGH VOLTAGE TERMINALS CA-2M

CA120-2M12	CA150-2M12	CA150R-2M14
CA150S-2M14	CA185-2M12	CA200R-2M14
CA25-2M10	CA25-2M12	CA25-2M8
CA35-2M12	CA40S-2M12	CA50-2M12
CA50R-2M12	CA50S-2M12	CA70S-2M12
CA95-2M12	CA95R-2M14	CA95S-2M14

Jumper terminal double fixing CD12

C025D12	C032D12	C035D12
C050D12	C070D12	

Jumper terminals C..S

C014S12	C014S16	C016S10
C016S12	C016S16	C016S20
C016S8	C025S10	C025S12
C025S16	C025S20	C025S8
C032S10	C032S12	C032S16
C032S20	C035S20	C035S10
C035S12	C035S16	C050S12
C070S12	C070S14	C070S16
C070S20		

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		

Straight palm Single stud fixing BMA-M

BMA050-M12	BMA050-M14	BMA050-M16
BMA050-M20		

UNINSULATED END SLEEVES KE

KE1016ST	KE25015ST	KE25018ST
KE35012ST	KE35015ST	KE35018ST

30° palm 2 x M10 stud fixing BMA-2H10 - BMA050-2H10
30° palm Single stud fixing BMA-M/30

BMA050-M12/30	BMA050-M14/30	BMA050-M16/30
BMA050-M20/30		

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 A-2M Contained palm

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

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
----------	----------

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 COPPER THROUGH CONNECTORS MT-GC

MT120-GC	MT150-GC	MT185-GC
MT35-GC	MT50-GC	MT70-GC
MT95-GC		

HIGH VOLTAGE STALK CONNECTORS MT-C

MT120-C12	MT120-C16	MT150-C10
MT150-C12	MT150-C14-80	MT150-C16
MT150R-C12	MT150R-C16	MT150S-C12
MT150S-C14-80	MT150S-C16	MT185-C10
MT185-C16	MT200R-C10	MT200R-C16
MT25-C8	MT35-C10	MT35-C14-80
MT35-C8	MT40S-C10	MT40S-C14-80
MT40S-C8	MT50-C10	MT50-C14-80
MT50-C8	MT50R-C10	MT50R-C8
MT50S-C10	MT50S-C14-80	MT50S-C8
MT70-C10	MT70S-C10	MT95-C10
MT95-C12	MT95-C14-80	MT95R-C10
MT95R-C12	MT95S-C10	MT95S-C12

Jumper splice CP0

CP050	CP070
-------	-------

Jumper terminals CSH

C050S10H	C050S12H	C050S14H
C050S16H	C050S20H	C070S12H
C070S16H	C070S20H	

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	PKE25016
PKE25022		

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

Straight palm single stud fixing BMR-M

BMR050-M12	BMR050-M14	BMR050-M16
BMR050-M20		

UNINSULATED PIN CONNECTORS A-P

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

Through connectors**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

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	

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

In the same kit

Accessories

Shoulder strap 6000354

USB cable 6006309

Tools

- **Li-Ion high power battery CB1840L**

Storage

- **Plastic case VAL P38**



**SCATTERGOOD
& JOHNSON LTD**
ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

Est.1899

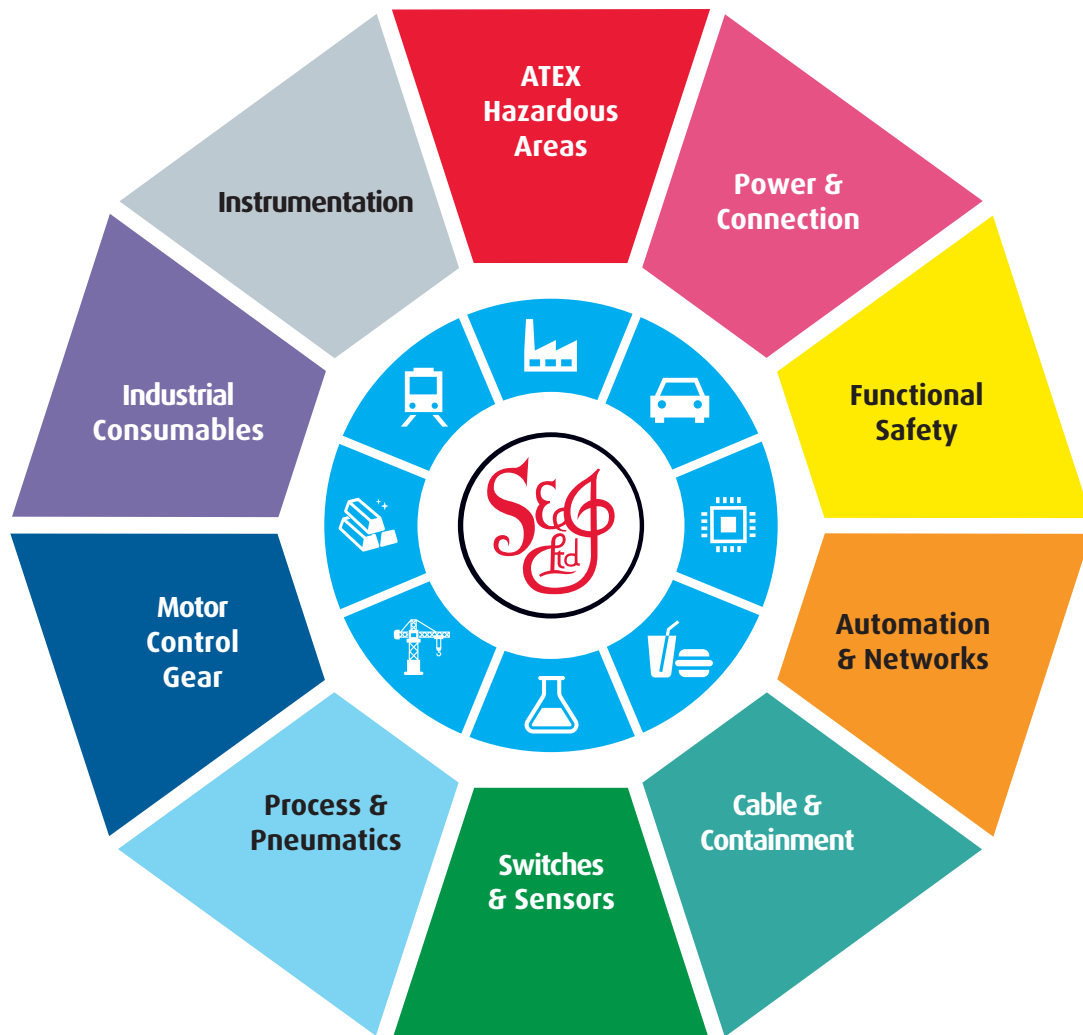
At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product manufacturers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



Online, In Branch and On the Road - Scattergood & Johnson Ltd, there when you need us.

www.scatts.co.uk