

BATTERY CORDLESS HYDRAULIC CRIMPING TOOLS

B1550 B1550A B1550E

(instructions for crimping A and 2A series lugs)



CEMBRE



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• **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.



• **SMARTOOL technology**
enables the user to store data on the integrated memory card for transfer to a computer via a USB cable.

The tool is supplied as:

- Basic tool with rechargeable battery and shoulder strap.
- Spare rechargeable battery.
- Battery charger (model depends on the tool version).
- USB cable.
- Metal carrying case suitable for storing the tool and accessories.

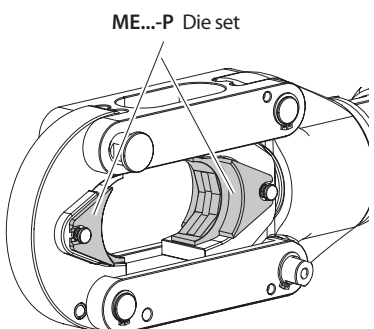
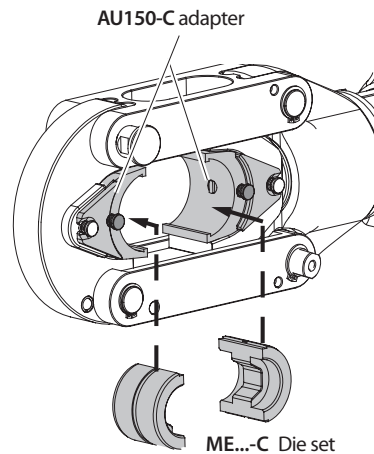
GENERAL CHARACTERISTICS

Application range		suitable for installing electrical compression connectors for Copper conductors up to 1500 MCM (800 sqmm) and for Aluminum conductors up to 1250 MCM (630 sqmm).
Interchangeable die set		M...-P series or (M...-C series + AU150-C adapter)
Rated crimping force	kN (US sh. ton)	136 (15.3)
Rated operating pressure	bar (psi)	750 (10,878)
Dimensions	mm (inches)	440 x 349 x 83 (17.3 x 13.7 x 3.3)
Weight with battery	kg (lbs)	9,5 (20.9)
Motor	V ~	18
Operating temperature	°C (°F)	-15 to +50 (+5 to +122)
Recommended oil		ENI ARNICA 32 or equivalents
Operating speed		twin speed operation and automatic switching from a rapid advancing speed of the ram to a slower, more powerful crimping speed
Safety		maximum pressure valve
Rechargeable battery	type	CB1852L Li-Ion
	V / Ah (Wh)	18 / 5,2 (93,6)
Weight	kg (lbs)	0,66 (1.45)

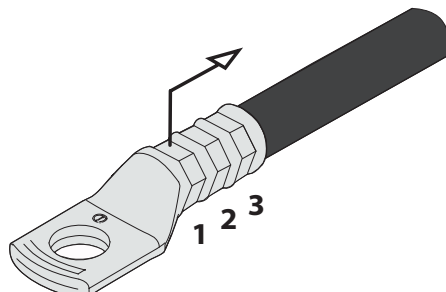
CRIMPING DIE SELECTION CHART

LUG TYPE		COPPER CONDUCTOR SIZE			STRIP LENGTH mm		Installation die sets (# of crimps)				
		AWG MCM	low str	fine str			HEAD ADAPTER	HEXAGONAL DIE SET		LUG BARREL MARKING	
					A	2A			A	2A	
A2...	-	8 AWG	10		9	-	AU150-C	ME2-C	(1)	-	A2
A3...	2A3...	6 AWG	16		13	25		ME3-C	(1)	(2)	A3
A5...	2A5...	4 AWG	25		12	28		ME5-C	(1)	(2)	A5
A7...	2A7...	2 AWG	35	25-35	15	29		ME7-C	(1)	(2)	A7
A10...	2A10...	2-1/0 AWG	50	35-50	19	33		ME10-C	(1)	(2)	A10
A14...	2A14...	1/0-2/0 AWG	70	50-70	20	40		ME14-C	(1)	(2)	A14
A19...	2A19...	2/0-3/0 AWG	95	70-95	25	44		ME19-C	(1)	(2)	A19
A24...	2A24...	3/0-250 AWG	120	95-120	27	50		ME24-C	(1)	(3)	A24
A30...	2A30...	250-300 MCM	150	120-150	30	54		ME30-C	(1)	(3)	A30
A37...	2A37...	300-350 MCM	185	150-185	32	61		ME37-C	(1)	(3)	A37
A48...	2A48...	350-500 MCM	240	185-240	40	61		ME48-C	(2)	(3)	A48
A60...	2A60...	500-600 MCM	300	240-300	44	77		ME60-C	(3)	(5)	A60
A80...	2A80...	800 MCM	400	300-400	47	77		ME80-C	(3)	(6)	A80
A100...	2A100...	1000 MCM	500	400-500	48	74	NO ADAPTER	ME100-P	(3)	(5)	100
A120...	2A120...	1250 MCM	630	500-630	64	94		ME120-P	(4)	(6)	120

1st DIES INSERTION



2nd CRIMPING OPERATION SEQUENCE



3rd EXAMPLE OF CHECKING AFTER CRIMPING

