

BLUE EXPERT 2

BE2



THE TOOL
POWER 2

MTR
mecatracting

SICAME GROUP

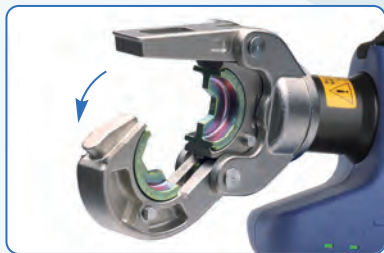
THE TOOL POWER 2

The new range of electro-hydraulic compression tools Blue Expert 2 integrates all the required features necessary to ensure a perfect compression crimp. This tool is efficient, user-friendly and safe to use.

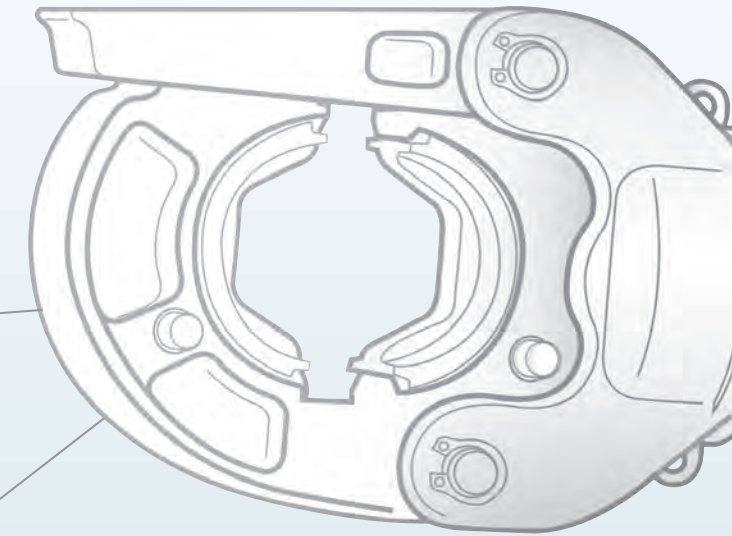
Faster and longer



180° swiveling head.



The head is easy to open and the dies simple to change.



Visual control



Service indicator lights inform about the battery charge level and working order of the tool.

New features

- › Electronic control of the cycle.
- › Return programming according to the user, either automatic or manual.
- › Automatic or manual return stroke.
- › Automatic stop at the end of the cycle.
- › 2-stage hydraulic pump with pilot-operated valve which increases efficiency between 20 and 40%.
- › Return sound signal.
- › New PC software for diagnosis and analysis of data.



The USB interface enables the tool usage data to be downloaded thanks to the software CT Diag.



With this software, it is possible to configure the tool, record the crimping data and analyze the cycles already done.



Designed and
manufactured in
our facilities



BLUE EXPERT 2

View
the demonstration
video

BLUE EXPERT 2



ESDC60

Force développée 60 kN
Output force



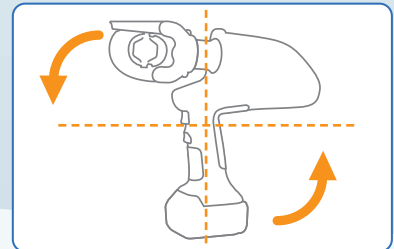
300 W
18 V =



Ergonomics



Comfortable and accurate
handling thanks to the shape and
the materials used in the handle.



Optimum ergonomics thanks to the
balance of the tool. Can be used by
right or left-handed people.



Lithium-ion 18 V battery with
increased life expectancy and
without any memory effect.

Makita®
18V 4.0Ah
Lithium-Ion
LITHIUM-ION



ESD50

- › Output force: 50 kN
- › Stroke: 13 mm
- › Autonomy: 200 to 500 crimping operations with battery 4.0 Ah
- › Cycle time: 2 to 4 s depending on the section
- › Dimensions: 350 x 310 x 72 mm
- › Weight: 4.0 kg (including the battery)

Type of tubular lugs and butt connectors	Sections mm ²
Copper lugs & butt connectors CT series	4 - 150
Copper lugs & butt connectors DE/CU series	6 - 150
Copper lugs & butt connectors DIN 46235/46267	10 - 120
"C" tap-off connectors	6 - 35
Aluminum-copper lugs (hexagonal compression type)	35 - 120
Brazed terminals MB/BY series	6 - 120

ESD50K1BLCM

Item code : 7519425

Kit composition

- › Crimping tool PN : ESD50
- › 2 batteries 18 V / 4 Ah PN : BL1840
- › Charger 220 V PN : CLM1890HC
- › Metallic carry case PN : CMESD50
(Space for 12 sets D5 + 7 sets D5MR)



ESDC60

- › Output force: 60 kN
- › Stroke: 17 mm
- › Autonomy: 180 to 450 crimping operations with battery 4.0 Ah
- › Cycle time: 2 to 5 s depending on the section
- › Dimensions: 350 x 315 x 72 mm
- › Weight: 4.5 kg (including the battery)

Type of tubular lugs and butt connectors	Sections mm ²
Copper lugs & butt connectors CT/DE/YCA series	6 - 300
Copper lugs & butt connectors CU series	6 - 240
"C" tap-off connectors	6 - 35
Aluminum-copper lugs (hexagonal compression type)	35 - 300
Brazed terminals MB/BY series	10 - 120

ESDC60K1BLCM

Item code: 7519426

Kit composition

- › Crimping tool PN : ESDC60
- › 2 batteries 18 V / 4 Ah PN : BL1840
- › Charger 220V PN : CLM1890HC
- › Metallic carry case PN : CMESDC60
(Space for 23 sets C6)



ESC120

- › Output force: 120 kN
- › Stroke: 25 mm
- › Autonomy: 110 to 220 crimping operations with battery 4.0 Ah
- › Cycle time: 5 to 8 s depending on the section
- › Dimensions: 385 x 315 x 72 mm
- › Weight: 6.8 kg (including the battery)

Type of tubular lugs and butt connectors	Sections mm ²
Copper lugs & butt connectors CT/CU series	6 - 400
Copper lugs & butt connectors DE series	6 - 300
Copper lugs & butt connectors YCA series	10 - 300
"C" tap-off connectors	6 - 185/95
Aluminum-copper lugs (hexagonal compression type)	35 - 300

ESC120K1BLCM

Item code: 7519427

Kit composition

- › Crimping tool PN : ESC120
- › 2 batteries 18 V / 4 Ah PN : BL1840
- › Charger 220 V PN : CLM1890HC
- › Metallic carry case..... PN : CMESC120
(Space for 22 sets C12)



ESU137

- › Output force: 120 kN
- › Stroke: 27 mm
- › Autonomy: 50 to 100 indent crimping operations with battery 4.0 Ah
100 to 220 crimping operations with battery 4.0 Ah
- › Deep indent crimping cycle time: 7 to 12 s depending on the section
- › Crimping cycle time: 5 to 8 s depending on the section
- › Dimensions: 400 x 310 x 72 mm
- › Weight: 5.9 kg (including the battery)

Type of tubular lugs and butt connectors	Sections mm ²
Copper lugs & butt connectors CT / CU series	6 - 400
Copper lugs & butt connectors DE series	6 - 300
Copper lugs & butt connectors YCA	10 - 300
"C" tap-off connectors	6 - 185/95
Aluminum -copper lugs (hexagonal crimping)	35 - 300
Aluminum-copper lugs (deep indent crimping)	16 - 240

ESU137K1BLCM

Item code: 7519428

Kit composition

- › Crimping tool PN : ESU137
- › 2 batteries 18 V / 4 Ah PN : BL1840
- › Charger 220 V PN : CLM1890HC
- › Metallic carry case..... PN : CMESU137
(Space for 18 sets C12 + 4 indent crimping sets)
See accessories for necessary adapters according to the dies which are used.

Accessories



Metallic carry case

PN: CMESD50 / CMESDC60 / CMESC120 / CMESU137
Item Code: 7519431 / 7519432 / 7519433 / 7519434

- › Ideal for transport and storage.
- › Adapted to each model.

Battery

PN: BL1840
Item code: 7519429

- Li-Ion technology without memory effect
- › Voltage: 18 V
 - › Capacity: 4.0 Ah
 - › Weight: 0.64 Kg



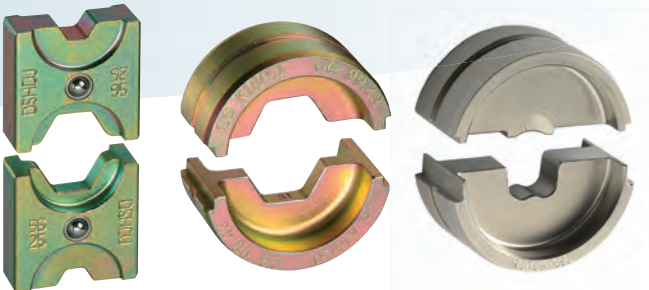
Fast charger

PN: CLM1890HC
Item code: 7519430

- Charger with display which identifies the state of the battery and the conditions of load.
- › Charging time: 36 min
 - › Weight: 0.85 Kg
 - › Voltage: 220-240 V AC
 - › Plug: Standard EU, others on request

Dies

- › For hexagonal dies, punches and other compression shape dies: please consult our catalogue



Adapters for ESU 137

PN: U137 C12
For dies type C12



PN: C12PP
For punches
0E, 1E, 2E, 4E

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