



Crimping

Battery powered hydraulic crimping tools

EK 135 FT Battery powered hydraulic crimping tool 10 - 630 mm²

**NEXT
GENERATION**



- ▶ Very large crimping range to 630 mm²
- ▶ Very powerful with a crimping force of 13.5 t
- ▶ All tool data in view thanks to display and i-press® app

Characteristics

- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Closed head, rotatable
- Quality assurance via visual and audible signals in case of error
- Simple and safe: One-button operating concept for controlling all tool functions
- Effortless working due to balanced centre of gravity
- LED for work area illumination
- 2-stage hydraulic system with fast feed and power stroke
- Simple and safe: Automatic retraction when operation is complete
- Automatic retract stop (ARS) for positioning control in case of multiple crimps
- Always ready-to-use thanks to battery charge and service display

Suitable for







































- 13-series interchangeable dies, wide crimping
- 15-series interchangeable dies, wide crimping



Technical data	
Crimping force	135 kN
Stroke / opening width	50.8 mm
Crimping range	10 - 630 mm ²
Crimping cycle	ca. 10 s to 11 s (depending on cross-section)
Charging time	45 min.
Weight incl. battery	10.2 kg
Ambient temperature	-10 °C up to +40 °C

Item	Part No. Bosch	Part No. Makita	
Battery powered hydraulic crimping tool 10 - 630 mm ²	EK135FTCFB	EK135FTCFM	
Scope of supply			Page
Adapter for crimping dies series 13	UA15T	UA15T	
Bosch battery 18 V / 5.0 Ah, Li-Ion	RALB2EU		493
Bosch quick-charger for 18 V Li-Ion battery	LGLB1EU		494
Makita battery 18 V / 4.0 Ah, Li-Ion		RAL40	492
Makita quick-charger for 18 V Li-Ion battery		LGL1	494
Plastic case	KK135FTNG	KK135FTNG	
Accessories			Page
Bosch battery 18 V / 5.0 Ah, Li-Ion	RALB2EU		493
Makita battery 18 V / 4.0 Ah, Li-Ion		RAL40	492

Available dies for Series 13 and 15 for EK 135 FT

Suitable for	Connection material	Crimping range mm ²	Crimp profile	Page
Copper tubular cable lugs and connectors				
Tubular cable lugs and connectors, standard type, tubular cable lugs for switchgear connections		16 - 630		347
Insulated terminals and connectors, Insulated pin terminals		10 - 150		347
Tubular cable lugs and connectors for fine stranded conductors		10 - 150		348
Tubular cable lugs and connectors, Ni, VA				
Stainless steel tubular cable lugs and connectors		10 - 50		348
Nickel tubular cable lugs and connectors		70 - 95		348
Copper compression cable lugs and connectors to DIN				
Copper compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) acc. to DIN		10 - 625		348, 352
Double compression cable lugs		2 x 50 - 2 x 120		348
Terminals, connectors and pin terminals to DIN - Cu				
Copper solderless terminals (DIN 46234) and pin terminals (DIN 46230) acc. to DIN, copper solderless connectors (DIN 46341) acc. to DIN		10 - 150		349
Insulated solderless terminals and pin terminals		10 - 95		349
Sleeves for compacted conductors and sector-shaped conductors, copper				
Pre-rounding dies for sector-shaped Al and Cu conductors, 3- and 4-core sector-shaped conductors		10 sm - 300 se / 300 sm		349
Aluminum compression cable lugs and connectors to DIN				
Aluminum compression cable lugs and connectors to DIN		10 - 500		350, 352
Compression joints for full tension connections of Aldrey conductors acc. to DIN EN 50182, Al-conductor acc. to DIN EN 50182, 120 - 185 mm ²		25 - 185		350
Compression joints acc. to DIN 48085, part 3 for Al/St-cable acc. to DIN EN 50182, Aluminum crimping		25/4 - 120/20		350
Compression joints acc. to DIN 48085, part 3 for Al/St-cables acc. to DIN EN 50182, steel crimping		25/4 - 120/20		350
Aluminum/copper compression cable lugs and connectors				
Aluminum/copper compression cable lugs and connectors acc. to DIN		10 - 500		350, 352
Clamps				
Clamps, C-type		10 - 70		351
Clamps, H-type		70 - 120		351
Cable end-sleeves				
Cable end-sleeves		25 - 240		351
Cable end-sleeves, special trapezoid crimp for fine stranded conductors		25 - 240		351