



## Crimping

Battery powered hydraulic crimping tools

### EK 120/42 Battery powered hydraulic crimping tool 16 - 400 mm<sup>2</sup>

**NEXT  
GENERATION**



- ▶ C-head with very wide crimping range to 400 mm<sup>2</sup>
- ▶ Up to 60% fewer crimps thanks to wide crimping in comparison to 6 t tools
- ▶ Easy handling by optimum weight distribution
- ▶ 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
- Open 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



**K13  
SERIE**

Technical data			
Crimping force	120 kN		
Stroke / opening width	42 mm		
Crimping range	16 - 400 mm <sup>2</sup>		
Crimping cycle	8 s to 9 s (depending on crimp cross-section)		
Charging time	45 min.		
Weight incl. battery	7.1 kg		
Ambient temperature	-10 °C up to +40 °C		
Item	Part No. <b>Bosch</b>	Part No. <b>Makita</b>	
Battery powered hydraulic crimping tool 16 - 400 mm <sup>2</sup>	<b>EK12042CFB</b>	<b>EK12042CFM</b>	
Scope of supply			Page
Bosch battery 18 V / 5.0 Ah, Li-Ion	RALB2EU		485
Bosch quick-charger for 18 V Li-Ion battery	LGLB1EU		486
Makita battery 18 V / 4.0 Ah, Li-Ion		RAL40	484
Makita quick-charger for 18 V Li-Ion battery		LGL1	486
Plastic case	KK120NG	KK120NG	
Accessories			Page
Bosch battery 18 V / 5.0 Ah, Li-Ion	RALB2EU		485
Makita battery 18 V / 4.0 Ah, Li-Ion		RAL40	484

### Available dies for Series 13 for EK 120/42

Suitable for	Connection material	Crimping range mm <sup>2</sup>	Crimp profile	Page
<b>Tubular cable lugs and connectors, Cu</b>				
Tubular cable lugs and connectors, Cu, standard type, tubular cable lugs for switchgear connections		16 - 400		333
Insulated tubular cable lugs and connectors, insulated pin terminals		10 - 150		333
Tubular cable lugs and connectors for fine stranded conductors		10 - 150		334
<b>Tubular cable lugs and connectors - stainless steel, Ni</b>				
Tubular cable lugs and connectors – VA		10 - 50		334
Tubular cable lugs and connectors – VA		70 - 95		334
Tubular cable lugs and connectors - Ni		10 - 50		334
Tubular cable lugs and connectors - Ni		70 - 95		334
<b>Compression cable lugs and connectors acc. to DIN - Cu</b>				
Compression cable lugs (DIN 46235) and connectors (DIN 46267, part 1) Cu		10 - 300		334
Double compression cable lugs		2 x 50 - 2 x 120		334
<b>Terminals, connectors and pin terminals acc. to DIN - Cu</b>				
Terminals (DIN 46234) and pin terminals (DIN 46230) Cu, solderless connectors (DIN 46341) Cu		10 - 150		335
Insulated terminals and pin terminals		10 - 95		335
<b>Sleeves for compacted conductors and sector shaped conductors, Cu</b>				
Pre-rounding crimping dies for Al and Cu sector shaped conductors		10 sm - 300 se / 300 sm		335
<b>Aluminum compression cable lugs and connectors acc. to DIN</b>				
Aluminum compression cable lugs and connectors acc. to DIN		10-300 rm/sm, 16 - 300 re/se		336
Compression points for full tension connections of Aldrey cables acc. to DIN EN 50182, Al conductors DIN EN 50182, 120 - 185 mm <sup>2</sup>		25 - 185		336
Compression joints acc. to DIN 48085, part 3 for Al-steel cables acc. to DIN EN 50182, aluminum crimping		4-20 (St) - 25-120 (Al)		336
Compression joints acc. to DIN 45085, part 3 for Al-steel cables acc. to DIN EN 50182, steel crimping		4-20 (St) - 25-120 (Al)		336
<b>Aluminum/copper compression cable lugs and connectors</b>				
Aluminum/copper compression cable lugs and connectors		10-300 rm/sm, 16 - 300 re/se		336
<b>Clamps</b>				
Clamps, C-type		10 - 70		337
Clamps, H-type		70 - 120		337
<b>Cable end-sleeves</b>				
Cable end-sleeves		25 - 240		337