

EK 120 UNV Battery-powered hydraulic universal tool 10 - 400 mm²

**NEXT
GENERATION**



- ▶ One head for crimping, cutting and punching - one tool for all
- ▶ Ideal in the assembly field where all common jobs can be carried out using one tool
- ▶ All tool data on view thanks to display and i-press app

Characteristics

- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Universal head flip top style, rotatable
- 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 (crimping or cutting)
- Always ready-to-use thanks to battery charge and service display

Technical instructions

- Interchangeable adapters and dies for crimping, cutting and punching you will find on page 470
















**K13
SERIE**

Technical data	
Crimping force	108 kN
Stroke	42 mm
Crimping range	10 - 400 mm ²
Crimping cycle	Depending on cable type
Cutting range	max. 40 mm dia.
Punching capacity	up to 144 mm dia. round, up to 138 x 138 mm square
Charging time	45 min.
Weight	6.5 kg
Ambient temperature	-10 °C up to +40 °C

Item	Part No. Bosch	Part No. Makita	
Battery-powered hydraulic universal tool 10 - 400 mm ²	EK120UNVCFB	EK120UNVCFM	
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



Interchangeable adapters and dies for crimping, cutting or punching

Part description		Part no.	Tools		
Application: crimping			6 ton	12 ton	
	Adapter for crimping dies series 5	UA5	●		
	Adapter for crimping dies series 13	UA12TKL		●	
	Adapter for crimping dies series 18	UA18	●		
	Adapter for crimping dies series 22	UA22	●		
Application: cutting			6 ton	12 ton	
	Cutting die for Al/Cu conductors to max. 40 mm dia.	UCACSR	●	●	
	Cutting die for Al/Cu conductors to max. 26 mm dia. (Not suitable for fine and superfine stranded conductors)	UC26	●	●	
	Cutting die for Al/Cu conductors to max. 40 mm dia. (Not suitable for fine and superfine stranded conductors)	UC40	●	●	
	Cutting die for threaded rods M5 metric	UCM5	●	●	
	Cutting die for threaded rods M6 metric	UCM6	●	●	
	Cutting die for threaded rods M8 metric	UCM8	●	●	
	Cutting die for threaded rods M10 metric	UCM10	●	●	
	Cutting die for threaded rods M12 metric	UCM12	●	●	
	Cutting die for threaded rods 1/4"	UCUNC14	●	●	
	Cutting die for threaded rods 3/8"	UCUNC38	●	●	
	Cutting die for threaded rods 1/2"	UCUNC12	●	●	
		Cutting die for profile conductors 35 x 15	UCD3515	●	●
		Cutting die for profile conductors 32 x 15 x 9	UCD3215	●	●
Cutting die for profile conductors 35 x 7.5		UCD3575	●	●	
	Cutting die for profile conductors 2980	UCN2980	●	●	
	Cutting die for laminated Cu bus bars, max. width 37.5 mm	UCF	●	●	
	Cutting die 107 mm ² type AC for catenary wires in railway construction	UCAC107	●	●	
	Cutting die 85 mm ² type BC for catenary wires in railway construction	UCBC85	●	●	
	Cutting die 110 mm ² type BC for catenary wires in railway construction	UCBC110	●	●	
	Cutting die 120 mm ² type BC for catenary wires in railway construction	UCBC120	●	●	
	Cutting die 150 mm ² type BC for catenary wires in railway construction	UCBC150	●	●	
Application: Punching			6 ton	12 ton	
	Hole punch adapter for holes to 64 mm dia., 92 x 92 mm and 46 x 92 mm	UA6P	●		
	Hole punch adapter for holes to 144 mm dia., 138 x 138 mm and 68 x 138 mm	UA12P		●	
	Die for punching DIN rails 35 x 15; 32 x 15 x 9; 35 x 7.5	UPD6	●		