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

Technical data	
Crimping force	108 kN
Stroke	42 mm
Crimping range	10 - 400 mm²
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 mm²	**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 mm² type AC for catenary wires in railway construction	**UCAC107**	●	●
	Cutting die 85 mm² type BC for catenary wires in railway construction	**UCBC85**	●	●
	Cutting die 110 mm² type BC for catenary wires in railway construction	**UCBC110**	●	●
	Cutting die 120 mm² type BC for catenary wires in railway construction	**UCBC120**	●	●
	Cutting die 150 mm² 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**	●	