# THE LITTLE CUTTING EXPERT BATTERY-POWERED HYDRAULIC CUTTING TOOL (10.8 V)

The Klauke mini is lightweight yet powerful. The high-quality shears cut with an opening width of 32 mm, the bolt cutters with a 12 mm opening width. Its practical dimensions make it especially suitable for confined areas.



#### ▶ Pure performance without frills

The Klauke mini concentrates on its core task: reliable cutting. Even without pressure sensor and display, the little expert does its job well - no fuss or quibble.

#### ▶ Usage time at a glance

Read the charge level at any time directly from the powerful 10.8 V battery.

#### **▶** All-round cutting

Cutting in confined areas? No problem with these cutting heads, which rotate through 360°.





#### EBS 8 ML / EBS 12 ML Battery powered hydraulic bolt cutter 8 mm dia. / 12 mm dia.





- ▶ For cutting cable channels, bolts and steel wire, medium-hard (e.g. ST 37)
- ▶ Slim cutting head ideal when space is critical
- ▶ Powerful 10,8 V Li-lon battery with charge status display

- Open head, rotatable
- Simple and safe: One-button operating concept for controlling all tool functions
- Comfortable and secure one-hand operation thanks to 2-component plastic housing with soft grips
- Effortless working thanks to low weight
- Simple and safe: Automatic retraction when operation is complete
- Maintenance display via LED

Technical data					
Cutting range	EBS8ML: max. 8 mm dia., EBS12Ml	L: max. 12 mm dia.	i		
Cutting force	EBS8ML: 15 kN, EBS12ML: 45 kN	EBS8ML: 15 kN, EBS12ML: 45 kN			
Cutting time	EBS8ML: 2 s, EBS12ML: 4 s (depen	ding on material th	ickness)		
Number of cuts	ES8ML: 80 at silver steel 6 mm, EBS12ML: 105 at mild steel 10 mm	ı			
Battery voltage	10.8 V				
Battery capacity	1.5 Ah, Li-Ion				
Charging time	approx. 40 min.				
Weight incl. battery	EBS8ML: 1.2 kg, EBS12ML: 1.8 kg				
Ambient temperature	-10 °C up to +40 °C				
ltem		Part No.			
Battery powered hydraulic bo	lt cutting tool 8 mm dia.	EBS8ML			
Battery powered hydraulic bo	lt cutting tool 12 mm dia.	EBS12ML			
Scope of supply		Part No.	Page		
Battery 10.8 V / 1.5 Ah, Li-lor	n (16.2 Wh)	RAML1	493		
Charger for 10.8 V Li-lon batt	eries, 230 V	LGML1	495		
Plastic case		KKML			



#### ES 20 ML Battery powered hydraulic cutting tool 20 mm dia.





- ▶ For cutting Al/St conductors (ACSR) to DIN EN 50182, solid Al/Cu cables to DIN EN 60228, Class 1 and laminated copper bus bars
- Extremely robust design and lightweight
- ▶ Powerful 10.8 V Li-lon battery technology with battery charge indicator

- Open head, rotatable
- Simple and safe: One-button operating concept for controlling all tool functions
- Comfortable and secure one-hand operation thanks to 2-component plastic housing with soft grips
- Effortless working thanks to low weight
- Simple and safe: Automatic retraction when operation is complete
- Maintenance display via LED

Technical data				
Cutting range	Multi-stranded max. 20 mm dia. (de	Multi-stranded max. 20 mm dia. (depending on cable type)		
Cutting force	23 kN			
Cutting time	4 s to 6 s (depending on material th	nickness)		
Number of cuts	approx.160 for steel cable 8 mm			
Battery voltage	10.8 V			
Battery capacity	1.5 Ah, Li-lon			
Charging time	approx. 40 min.			
Weight incl. battery	1.6 kg			
Ambient temperature	-10 °C up to +40 °C			
Item		Part No.		
Battery powered hydraulic cuttin	g tool 20 mm dia.	ES20ML		
Scope of supply		Part No.	Page	
Battery 10.8 V / 1.5 Ah, Li-lon (1	6.2 Wh)	RAML1	493	
Charger for 10.8 V Li-lon batterie	es, 230 V	LGML1	495	
Plastic case		KKML		
Accessories		Part No.		
Replacement blade		ES20E		







#### ES 32 ML / ES 32 F ML Battery powered hydraulic cutting tools 32 mm dia.





- ► Cuts multi-stranded copper and aluminium cables (ES 32 ML)
- ▶ Cuts fine and superfine stranded copper cables (ES 32 F ML)
- ▶ Slim cutting head ideal when space is critical
- ▶ Powerful 10.8 V Li-lon battery technology with battery charge indicator

- Open head, rotatable
- Electronic control and monitoring of operation
- Simple and safe: One-button operating concept for controlling all tool functions
- Comfortable and secure one-hand operation thanks to 2-component plastic housing with soft grips
- Effortless working thanks to low weight
- Simple and safe: Automatic retraction when operation is complete
- Maintenance display via LED

Technical data			
Cutting range	max. 32 mm dia.		
Cutting force	15 kN		
Cutting time	8 s to 10 s (depending on material t	hickness)	
Number of cuts	ES32ML: approx. 90 at 150 mm <sup>2</sup> N ES32FML: approx. 120 at H07V-K 1	*	
Battery voltage	10.8 V		
Battery capacity	1.5 Ah, Li-Ion		
Charging time	approx. 40 min.		
Weight incl. battery	1.8 kg		
Ambient temperature	-10 °C up to +40 °C		
Item		Part No.	
Battery powered hydraulic cur	tting tool 32 mm dia.	ES32ML	
Battery powered hydraulic cur superfine-stranded	tting tool 32 mm dia.,	ES32FML	
Scope of supply		Part No.	Page
Battery 10.8 V / 1.5 Ah, Li-lon	(16.2 Wh)	RAML1	493
Charger for 10.8 V Li-lon batte	eries, 230 V	LGML1	495
Plastic case		KKML	
Accessories		Part No.	
Replacement blade set		ES32E	
Replacement blade set for fine	and superfine stranded copper cables	ES32FE	

# THE NEW STANDARD KLAUKE NEXT GENERATION CUTTING TOOLS

Aspire to the new standard: Battery-powered hydraulic cutting tools from Klauke offer impressive power and durability. The tools effortlessly cut cross-sections up to 105mm, with open cutting head for better accessibility or closed cutting head for improved force transmission. Improved ergonomics with optimised centre of gravity makes work more convenient and faster. Also through the time-saving opening mechanism.



#### In brief

- ► Freely-selectable battery platform: with Bosch or
- ▶ Proof of quality can be created via Bluetooth
- Ensure tool availability: Read the tool properties from the display or via the app
- Effortless operations thanks to modern, ergonomic design

Interested in Klauke Next Generation tools? Then take a look at our Multi universal tool on Page 472 >>



#### ▶ Making work easier

Klauke cutting tools guarantee effortless operations: The "mini" impresses through its low weight and the pistol shape ensures a balanced centre of gravity

- Our compact "mini" is just perfect for confined areas
- The 2-stage hydraulic system allows you to work quickly thanks to fast feed and power stroke
- Save time with the innovative opening mechanism of the cutters. They open immediately after every cut.
- Extremely impressive and reliable: The one-button control concept for all tools





#### ▶ Latest developments for your everyday work

Mini design - Pure cutting force: The ESGM45 and the ESM50 impress all along the line and for every application

- Cutting made simple thanks to a new, improved cutter geometry
- Burr-free cutting of wire mesh cable trays without any rework whatsoever thanks to the new wire mesh cable tray cutter

#### ▶ i-press® app

Use the i-press® app to check and control your tool data on the go. Individual tool settings, such as the double-click function for increased user safety, help make your day-to-day work simpler and more reliable - just as you need it.

## The i-press® app can be found at: www.klauke.com/en/service/downloads/ connectivity-software/







#### EBS 6 L GKS Battery powered hydraulic cable tray cutter 6 mm dia.







- ▶ No follow-up work required thanks to burr-free cutting
- ▶ Fast and efficient operations: The cut is made in less than 1 second
- Maintenance required only after 20,000 cuts (renew hydraulic shock absorber system)
- Always cut ready due to autonomous replaceable blades

- Open head, rotatable
- Electronic control and monitoring of operation
- Simple and safe: One-button operating concept for controlling all tool functions
- Comfortable and secure one-hand operation thanks to 2-component plastic housing with soft grips
- Balanced centre of gravity for easy handling and effortless operations
- LED for work area illumination
- Powerful 18 V Li-lon battery high capacity, short charging time
- High-performance motor for maximum operating speed
- Energy saving function with motor cut-out after successful operation
- Quick motor stop for high user safety
- Simple and safe: Automatic retraction when operation is complete
- Manual retract as required
- Multifunction LED for maintenance display and charge status display of the battery
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data			
Cutting range	max. 6 mm (VA)		
Cutting force	24 kN		
Cutting time	<1s		
Number of cuts	approx. 300 at 6 mm VA, 360 at gri	d channel 5 mm	
Battery voltage	18 V		
Battery capacity	1.5 Ah		
Charging time	15 min.		
Weight incl. battery	1.9 kg		
Ambient temperature	-10 °C up to +40 °C		
Item		Part No.	
Battery powered hydraulic cable	tray cutter 6 mm dia.	EBS6LGKS	
Scope of supply		Part No.	Page
Makita battery 18 V / 1.5 Ah, Li-	on	RAL1	491
Makita quick-charger for 18 V Li	-lon battery	LGL1	494
Plastic case		KK50L	
Accessories		Part No.	Page
Makita battery 18 V / 3.0 Ah, Li-	on (54 Wh)	RAL2	491
Makita battery 18 V / 4.0 Ah, Li-	on	RAL40	492
18 V mains adapter for 230 V Vo	ltage	NG2230	493







#### EBS 8 Battery powered hydraulic bolt cutter 8 mm dia.







- ▶ For cutting cable trays, bolts and medium-hard steel wire (e.g. ST 37)
- ▶ Narrow crimping head Ideal in confined areas
- ▶ 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
- 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
- Simple and safe: Automatic retraction when operation is complete
- LED display for showing tool data
- Always ready-to-use thanks to battery charge and service display

#### Suitable for

Cable trays, bolts, medium-hard steel wire

Technical data	
Cutting range	max. 8 mm dia.
Cutting force	15 kN
Cutting time	1 s (depending on material thickness)
Charging time	15 min.
Weight incl. battery	1.65 kg
Ambient temperature	-10 °C up to +40 °C

Item	Part-No. Bosch	Part-No. Makita	
Battery powered hydraulic bolt cutting tool 8 mm dia.	EBS8CFB	EBS8CFM	
Scope of supply			Page
Bosch battery 18 V / 2.0 Ah, Li-Ion	RALB1EU		492
Bosch quick-charger for 18 V Li-lon battery	LGLB1EU		494
Makita battery 18 V / 1.5 Ah, Li-lon		RAL1	491
Makita quick-charger for 18 V Li-lon battery		LGL1	494
Plastic case 450 x 370 x 105 mm	KK50NG	KK50NG	
Accessories			Page
Bosch battery 18 V / 5.0 Ah, Li-Ion	RALB2EU		493
Makita battery 18 V / 3.0 Ah, Li-lon (54 Wh)		RAL2	491

#### EBS 12 Battery powered hydraulic bolt cutter 12 mm dia.







- ▶ For cutting cable trays, bolts and medium-hard steel wire (e.g. ST 37)
- ▶ Slim cutting head ideal when space is critical
- ▶ 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
- 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
- Simple and safe: Automatic retraction when operation is complete
- LED display for showing tool data
- Always ready-to-use thanks to battery charge and service display

#### Suitable for

· Cable trays, bolts, medium-hard steel wire

Technical data				
	max. 12 mm dia.			
Cutting range	IIIax. 12 IIIIII uia.			
Cutting force	45 kN			
Cutting time	2 s (depending on cabl	e size)		
Charging time	15 min.			
Weight incl. battery	2.1 kg			
Ambient temperature	-10 °C up to +40 °C			
Item		Part No. Bosch	Part No. Makita	
Battery powered hydraulic bolt o	utting tool 12 mm dia.	EBS12CFB	EBS12CFM	
Scope of supply				Page
Bosch battery 18 V / 2.0 Ah, Li-lo	on	RALB1EU		492
Bosch quick-charger for 18 V Li-	lon battery	LGLB1EU		494
Makita battery 18 V / 1.5 Ah, Li-I	on		RAL1	491
Makita quick-charger for 18 V Li	-lon battery		LGL1	494
Plastic case 450 x 370 x 105 mr	n	KK50NG	KK50NG	
Accessories				Page
Pageb bottom, 10 V / 5 O Ab Li Id		RALB2EU		493
Bosch battery 18 V / 5.0 Ah, Li-lo	)[]	NALDZEU		730







#### ES 20 Battery powered hydraulic cutting tool 20 mm dia.







- ► For cutting AI/St conductors (ACSR) to DIN EN 50182, solid AI/Cu cables to DIN EN 60228, Class 1 and laminated copper bus bars
- ▶ Extremely robust design and lightweight
- ▶ Slim cutting head ideal when space is critical
- ▶ All tool data in view thanks to display and i-press® app

#### **Characteristics**

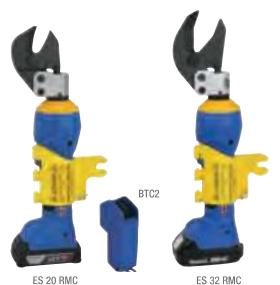
- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Open head, rotatable
- Simple and safe: One-button operating concept for controlling all tool functions
- Effortless working due to balanced centre of gravity
- LED for work area illumination
- Simple and safe: Automatic retraction when operation is complete
- Manual retract stop (MRS) for efficient operations
- Always ready-to-use thanks to battery charge and service display

#### Suitable for

Al/St wire (ACSR)

Technical data				
Cutting range	max. 18 mm dia. (depe	ending on cable ty	/pe)	
Cutting force	23 kN			
Cutting time	2 s to 4 s (depending o	n cable type)		
Charging time	15 min.			
Weight incl. battery	2.0 kg			
Ambient temperature	-10 °C up to +40 °C			
Item		Part No. Bosch	Part No. Makita	
Battery powered hydraulic cuttir	ng tool 20 mm dia.	ES20CFB	ES20CFM	
Scope of supply				Page
Bosch battery 18 V / 2.0 Ah, Li-le	on	RALB1EU		492
Bosch quick-charger for 18 V Li-	lon battery	LGLB1EU		494
Makita battery 18 V / 1.5 Ah, Li-	lon		RAL1	491
Makita quick-charger for 18 V Li	-lon battery		LGL1	494
Plastic case 450 x 370 x 105 mi	n	KK50NG	KK50NG	
Accessories				Page
Replacement blade		ES20E	ES20E	
Bosch battery 18 V / 5.0 Ah, Li-le	on	RALB2EU		493
Makita battery 18 V / 3.0 Ah, Li-	lon (54 Wh)		RAL2	491
Variants				Page
L-BOXX with battery powered cu	itting tool ES20CFB	LB0XXES20CFB		205
L-BOXX with battery powered cu	itting tool ES20CFM		LBOXXES20CFM	205

# ES 20 RMC / ES 32 RMC Battery powered hydraulic cutting tool 20 mm or 32 mm dia. NEXT GENERATION







Scope of supply for ES 20 RMC

- ▶ Tool with remote control, e.g. for telescopic rods
- ▶ ES20RMC: For cutting Al/St conductors (ACSR) to DIN EN 50182, solid Al/Cu cables to DIN EN 60228, Class 1 and laminated copper bus bars
- ▶ ES32RMC: Cuts multi-stranded Al/Cu cables Class 2
- Extremely robust design and lightweight
- ▶ Slim cutting head ideal when space is critical
- ▶ All tool data in view thanks to display and i-press® app
- ▶ Powerful 18 V Li-Ion battery high capacity, short charging time
- Can also be used as a normal cable cutter when the Hotstick holder is not attached

#### **Characteristics**

- · Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Open head, rotatable
- Simple and safe: One-button operating concept for controlling all tool functions
- Effortless operations due to balanced centre of gravity, even when used with a telescopic rod
- LED for work area illumination
- Quick motor stop for high user safety
- Simple and safe: Automatic retraction when operation is complete
- Manual retract stop (MRS) for efficient operations
- Energy saving: Motor stops when the operation is complete
- Always ready-to-use thanks to battery charge and service display
- Simple one-hand operation via remote control

#### ES 20 RMC suitable for

- Al/St wire (ACSR)
- Solid Al/Cu cables to DIN EN 60228 Class 1
- Laminated Cu bus-bars

#### ES 32 RMC suitable for

Multi-stranded Al/Cu cable Class 2

#### Additional information

Part number suffix for tools without battery and charger "0000"

Technical data				
Head type	Cutter open			
Cutting range	max. Ø 20 mm / max. Ø	ð 32 mm		
Cutting time	2 s to 8 s (depending o	n material thickn	ess)	
Charging time	15 min.			
Weight incl. battery	2.0 kg			
Ambient temperature	-10 °C up to +40 °C			
Item		Part No. Bosch	Part No. Makita	
Battery powered hydraulic cuttin	g tool 20 mm dia.	ES20RMCCFB		
Battery powered hydraulic cuttin	g tool 20 mm dia.		ES20RMCCFM	
Battery powered hydraulic cuttin	g tool 32 mm dia.	ES32RMCCFB		
Battery powered hydraulic cuttin	g tool 32 mm dia.		ES32RMCCFM	
Scope of supply				Page
Bosch battery 18 V / 2.0 Ah, Li-lo	on	RALB1EU		492
Makita battery 18 V / 1.5 Ah, Li-I	on		RAL1	491
Bosch quick-charger for 18 V Li-	lon battery	LGLB1EU		494
Makita quick-charger for 18 V Li	-lon battery		LGL1	494
Bluetooth remote control		BTC2	BTC2	
Accessories				Page
Bosch battery 18 V / 4.0 Ah, Li-lo	on	RALB2EU		493
Makita battery 18 V / 4.0 Ah, Li-I	on		RAL40	492
Replacement blade set for ES 20	RMC	ES20E	ES20E	
Replacement blade set for ES 32	2 RMC	ES32E	ES32E	







#### ESG 25 Battery powered hydraulic cutting tool 25 mm dia.







- ► For cutting AI/St cables (ACSR), round materials (Cu, AI, St) as well as armoured cables, solid structural steel and fine-stranded copper cables
- High-performance cutting characteristics for highly-flexible conductors and wire cables
- ▶ Extremely robust design and lightweight
- ▶ 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, 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
- Simple and safe: Automatic retraction when operation is complete
- Manual retract stop (MRS) for efficient operations
- Always ready-to-use thanks to battery charge and service display

#### Suitable for

 AI/St wire (ACSR), Cu, AI, St and armoured cables, construction steel, fine-stranded copper cable

Technical data	
Head type	Guillotine closed
Cutting range	max. 25 mm dia.
Cutting force	60 kN
Cutting time	Depending on material
Charging time	15 min.
Weight incl. battery	2.0 kg
Ambient temperature	-10 °C up to +40 °C

Part No. Bosch	Part No. Makita	
ESG25CFB	ESG25CFM	
		Page
RALB1EU		492
LGLB1EU		494
	RAL1	491
	LGL1	494
KK50NG	KK50NG	
		Page
ESG:	25ES	
ESG	25EF	
RALB2EU		493
	RAL2	491
	RALB1EU LGLB1EU KK50NG ESG:	RALB1EU LGLB1EU RAL1 LGL1 KK50NG KK50NG ESG25ES ESG25EF RALB2EU

#### ES 32 Battery powered hydraulic cutting tool 32 mm dia.







- ▶ Slim cutting head ideal when space is critical
- ▶ 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
- 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
- Simple and safe: Automatic retraction when operation is complete
- Manual retract stop (MRS) for efficient operations
- Always ready-to-use thanks to battery charge and service display

#### Suitable for

Stranded Cu and Al cables

Stranded Gu and Al cables	5			
Technical data				
Head type	Cutter open			
Cutting range	max. 32 mm dia.			
Cutting force	15 kN			
Cutting time	8 s to 10 s (depending	on cable type)		
Charging time	15 min.			
Weight incl. battery	2.0 kg			
Ambient temperature	-10 °C up to +40 °C			
Item		Part No. Bosch	Part No. Makita	
Battery powered hydraulic cutt	ing tool 32 mm dia.	ES32CFB	ES32CFM	
Scope of supply				Page
Bosch battery 18 V / 2.0 Ah, Li	-lon	RALB1EU		492
Bosch guick-charger for 18 V I	i-lon battery	I GI B1FU		494

Scope of supply			Page
Bosch battery 18 V / 2.0 Ah, Li-Ion	RALB1EU		492
Bosch quick-charger for 18 V Li-lon battery	LGLB1EU		494
Makita battery 18 V / 1.5 Ah, Li-lon		RAL1	491
Makita quick-charger for 18 V Li-lon battery		LGL1	494
Plastic case 450 x 370 x 105 mm	KK50NG	KK50NG	
Accessories			Page
Replacement blade set	ES:	32E	
Bosch battery 18 V / 5.0 Ah, Li-Ion	RALB2EU		493
Makita battery 18 V / 3.0 Ah, Li-lon (54 Wh)		RAL2	491
Variants			Page
L-BOXX with battery powered cutting tool ES32CFB	LB0XXES32CFB		205
L-BOXX with battery powered cutting tool ES32CFM		LBOXXES32CFM	205



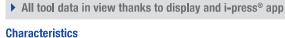




### ES 32 F Battery powered hydraulic cutting tool 32 mm dia. for fine and superfine stranded copper cable







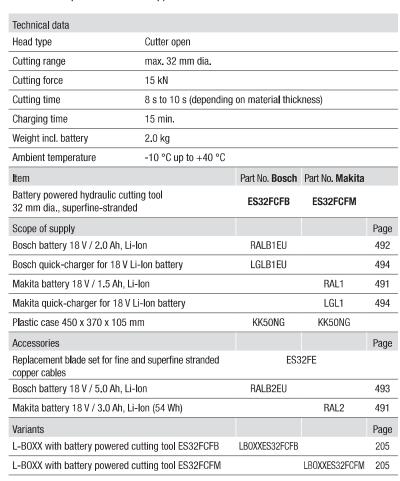
- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Open head, rotatable
- Simple and safe: One-button operating concept for controlling all tool functions
- Effortless working due to balanced centre of gravity

Cuts fine and superfine stranded copper cables
 Slim cutting head - ideal when space is critical

- LED for work area illumination
- Simple and safe: Automatic retraction when operation is complete
- Manual retract stop (MRS) for efficient operations
- Always ready-to-use thanks to battery charge and service display

#### Suitable for

• Fine and superfine stranded copper cables





#### ESGM 45 Battery powered hydraulic cutting tool 45 mm dia.







- For cutting Al/St cables (ACSR), round materials (Cu, Al, St) as well as armoured cables, solid structural steel and fine-stranded copper cables
- ▶ High-performance cutting characteristics for highly-flexible conductors and wire cables
- ▶ 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 with bolt interlock, rotatable, flip top style
- 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
- Manual retract stop (MRS) for efficient operations

#### Suitable for

Cu and Al cables, Al/St wires (ACSR)

Makita battery 18 V / 3.0 Ah, Li-lon (54 Wh)

Technical data				
Head type	Guillotine closed			
Cutting range	max. 45 mm dia.			
Cutting force	70 kN			
Cutting time	8 s to 10 s (depending on material thickness)			
Charging time	15 min.			
Weight incl. battery	4.6 kg			
Ambient temperature	-10 °C up to +40 °C			
Item		Part No. Bosch	Part No. Makita	
Battery powered hydraulic cutting	ng too <b>l</b> 45 mm dia.	ESGM45CFB	ESGM45CFM	
Scope of supply				Page
Bosch battery 18 V / 2.0 Ah, Li-I	on	RALB1EU		492
Bosch quick-charger for 18 V Li	-lon battery	LGLB1EU		494
Makita battery 18 V / 1.5 Ah, Li-	lon		RAL1	491
Makita quick-charger for 18 V L	i-lon battery		LGL1	494
Plastic case 450 x 370 x 105 m	m	KKESGM45NG	KKESGM45NG	
Accessories				Page

#### SPECIALIST FOR ARMOURED CABLE + CONSTRUCTION STEEL

Thanks to its closed and rotating head, the ESGM45 is the specialist for cutting ACSR ropes, round materials (Cu, Al, St), and also armoured cable and solid construction steel, for instance. Even fine-stranded and highly-flexible conductors and wire ropes up to 45 mm can be precisely cut. As a special highlight, the tool has the innovative opening mechanism, which facilitates safe and fast operations. If an unwelcome object happens to be located between the cutters, all you need to do is release the control button. The two cutting blades then move apart straight away. This mechanism also makes sure that the tool is quickly ready to use again after a completed cut.





RAL2

491



#### ESG 45 Battery powered hydraulic cutting tool 45 mm dia.



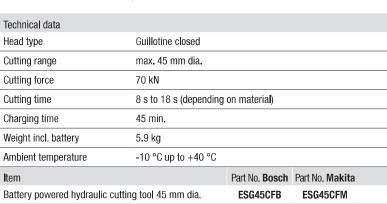




- High cutting force cuts armoured copper and aluminium cables and Al/St cables (ACSR)
- ▶ Also suitable for round material made of Al, Cu and steel
- Extremely robust design and lightweight
- ▶ Saves time with multiple cuts thanks to innovative opening mechanism
- ▶ All tool data in view thanks to display and i-press® app
- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Closed head with bolt interlock, rotatable, flip top style
- 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
- Manual retract stop (MRS) for efficient operations
- Always ready-to-use thanks to battery charge and service display

#### Suitable for

Armoured Cu and Al cables, Al/St wires



Item	Part No. Bosch	Part No. Makita	
Battery powered hydraulic cutting tool 45 mm dia.	ESG45CFB	ESG45CFM	
Scope of supply			Page
Bosch battery 18 V / 5.0 Ah, Li-Ion	RALB2EU		493
Bosch quick-charger for 18 V Li-lon battery	LGLB1EU		494
Makita battery 18 V / 3.0 Ah, Li-lon (54 Wh)		RAL2	491
Makita quick-charger for 18 V Li-lon battery		LGL1	494
Plastic case 450 x 370 x 105 mm	KK120NG	KK120NG	
Accessories			Page
Inner moving blade	ESG4	5ES1	
Outer fixed blade	ESG	45EF	
Bosch battery 18 V / 5.0 Ah, Li-Ion	RALB2EU		493
Makita battery 18 V / 4.0 Ah, Li-lon		RAL40	492





### ESM 50 Battery powered hydraulic cutting tool 50 mm dia. for copper and aluminium cable





- ► For cutting copper and aluminium cables (fine-stranded also)
- Very high cutting capacity thanks to innovative cutting geometry
- ▶ 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
- 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
- Simple and safe: Automatic retraction when operation is complete
- Manual retract stop (MRS) for efficient operations
- Always ready-to-use thanks to battery charge and service display

#### Suitable for

- Cu and Al cables (multi and fine stranded) even armoured cable

Technical data				
Head type	Cutter open			
Cutting range	max. 50 mm dia.			
Cutting force	38 kN			
Cutting time	8 s up to 10 s (depend	ing on material th	nickness)	
Charging time	15 min.			
Weight incl. battery	3.0 kg			
Ambient temperature	-10 °C up to +40 °C			
Item		Part No. Bosch	Part No. Makita	
Battery powered hydraulic cuttin	g tool 50 mm dia.	ESM50CFB	ESM50CFM	
Scope of supply				Page
Bosch battery 18 V / 2.0 Ah, Li-lo	on	RALB1EU		492
Bosch quick-charger for 18 V Li-	lon battery	LGLB1EU		494
Makita battery 18 V / 1.5 Ah, Li-I	on		RAL1	491
Makita quick-charger for 18 V Li	-lon battery		LGL1	494
Plastic case 450 x 370 x 105 mr	n	KK50NG	KK50NG	
Accessories				Page
Bosch battery 18 V / 5.0 Ah, Li-lo	on	RALB2EU		493
Makita battery 18 V / 3.0 Ah, Li-I	on (54 Wh)		RAL2	491

#### A GENUINE ALL-ROUNDER!

One tool for (almost) all situations! Both multi-stranded and fine-stranded (including armoured) cables are reliably cut. So you need only require one tool for a range of applications. Thanks to new cutting geometry, the annoying jamming of strands in the cutting blades is also a thing of the past.







#### ESG 55 Battery powered hydraulic cutting tool 55 mm dia.







- High cutting force cuts armoured copper and aluminium cables and Al/St cables (ACSR)
- ▶ Also suitable for round material made of Al, Cu and steel
- ▶ 120 kN cutting force for maximum output
- Saves time with multiple cuts thanks to innovative opening mechanism

#### **Characteristics**

- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Closed head with bolt interlock, rotatable, flip top style
- 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
- Manual retract stop (MRS) for efficient operations
- Always ready-to-use thanks to battery charge and service display

#### Suitable for

Armoured Cu and Al cables, Al/St wires

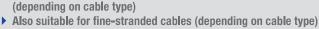
Technical data				
Head type	Guillotine closed			
Cutting range	max. 55 mm dia.			
Cutting force	120 kN			
Cutting time	10 s to 19 s (depending	g on materia <b>l</b> thic	kness)	
Charging time	45 min.			
Weight incl. battery	8.2 kg			
Ambient temperature	-10 °C up to +40 °C			
Item		Part No. Bosch	Part No. Makita	
Item Battery powered hydraulic cuttir	ng tool 55 mm dia.	Part No. Bosch ESG55CFB	Part No. Makita ESG55CFM	
	ng tool 55 mm dia.			Page
Battery powered hydraulic cutting				Page 493
Battery powered hydraulic cutting Scope of supply	on	ESG55CFB		
Battery powered hydraulic cuttin Scope of supply Bosch battery 18 V / 5.0 Ah, Li-le	on Ion battery	ESG55CFB RALB2EU		493
Battery powered hydraulic cutting Scope of supply Bosch battery 18 V / 5.0 Ah, Li-le Bosch quick-charger for 18 V Li-	on Flon battery	ESG55CFB RALB2EU	ESG55CFM	493 494
Battery powered hydraulic cuttin Scope of supply Bosch battery 18 V / 5.0 Ah, Li-le Bosch quick-charger for 18 V Li- Makita battery 18 V / 4.0 Ah, Li-	on Ion battery Ion Ion battery	ESG55CFB RALB2EU	ESG55CFM	493 494 492

Makita quick-charger for 10 v El-fort battery		LULI	434
Plastic case 450 x 370 x 105 mm	KK120NG	KK120NG	
Accessories			Page
Inner moving blade	ESG5	55ES	
Outer fixed blade	ESG5	55EF	
Bosch battery 18 V / 5.0 Ah, Li-Ion	RALB2EU		493
Makita battery 18 V / 4.0 Ah, Li-Ion		RAL40	492

#### ES 65 Battery powered hydraulic cutting tool 65 mm dia.







- ▶ Saves time with multiple cuts thanks to innovative opening mechanism

▶ Cuts copper and aluminium cables with lightweight steel armouring

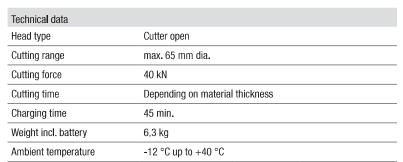
▶ All tool data in view thanks to display and i-press® app

#### **Characteristics**

- All data can be easily read via Bluetooth
- Choose your battery system: Bosch or Makita
- Open head, 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
- Manual retract stop (MRS) for efficient operations
- Always ready-to-use thanks to battery charge and service display

#### Suitable for

Cu/Al cable



Item	Part No. Bosch	Part No. Makita	
Battery powered hydraulic cutting tool 65 mm dia.	ES65CFB	ES65CFM	
Scope of supply			Page
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 / 3.0 Ah, Li-lon (54 Wh)		RAL2	491
Makita quick-charger for 18 V Li-lon battery		LGL1	494
Plastic case 450 x 370 x 105 mm	KK120NG	KK120NG	
Accessories			Page
Replacement blade	ES	65E	
Bosch battery 18 V / 5.0 Ah, Li-Ion	RALB2EU		493
Makita battery 18 V / 4.0 Ah, Li-lon		RAL40	492







#### ESG 85 Battery powered hydraulic cutting tool 85 mm dia.







- ▶ Cuts copper and aluminium cables with lightweight steel armouring (depending on cable type)
- ▶ Saves time with multiple cuts thanks to innovative opening mechanism
- 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
- Larger cutting area, optimum force transmission due to closed head shape
- Simple and safe: One-button operating concept for controlling all tool functions
- LED for work area illumination
- 2-stage hydraulic system with fast feed and power stroke
- Simple and safe: Automatic retraction when operation is complete
- Manual retract stop (MRS) for efficient operations
- Always ready-to-use thanks to battery charge and service display

#### Suitable for

lightly armoured Cu and Al cables

Technical data				
Head type	Guillotine closed			
Cutting range	max. 85 mm dia.			
Cutting force	60 kN			
Cutting time	Depending on material	thickness		
Charging time	45 min.			
Weight incl. battery	6.8 kg			
Ambient temperature	-10 °C up to +40 °C			
Item		Part No. Bosch	Part No. Makita	
Battery powered hydraulic cutting	ng tool 85 mm dia.	ESG85CFB	ESG85CFM	
Scope of supply				Page
Bosch battery 18 V / 5.0 Ah, Li-I	on	RALB2EU		493
Bosch quick-charger for 18 V Li	-lon battery	LGLB1EU		494
Makita battery 18 V / 4.0 Ah, Li-	lon		RAL40	492
Makita quick-charger for 18 V L	i-lon battery		LGL1	494
Plastic case 450 x 370 x 105 m	m	KK120NG	KK120NG	
Accessories				Page
Inner moving blade		ESG8	5ES1	
Outer fixed blade		ESG8	35EF1	
Bosch battery 18 V / 5.0 Ah, Li-I	on	RALB2EU		493
Makita battery 18 V / 4.0 Ah. Li-	lon		RAL40	492



#### ES 85 Battery powered hydraulic cutting tool 85 mm dia.







- Cuts copper and aluminium cables with lightweight steel armouring (depending on cable type)
- ► Also suitable for fine-stranded cables (depending on cable type)
- ▶ Saves time with multiple cuts thanks to innovative opening mechanism
- ▶ 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
- 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
- Manual retract stop (MRS) for efficient operations
- Always ready-to-use thanks to battery charge and service display

#### Suitable for

Cu and Al cable

od and All babilo				
Technical data				
Head type	Cutter open			
Cutting range	max. 85 mm dia.			
Cutting force	30 kN			
Cutting time	Depending on material	thickness		
Charging time	45 min.			
Weight incl. battery	7.2 kg			
Ambient temperature	-10 °C up to +40 °C			
Item		Part No. Bosch	Part No. Makita	
Battery powered hydraulic cutti	ng tool 85 mm dia.	ES85CFB	ES85CFM	
Scope of supply				Page

Battery powered hydraulic cutting tool 85 mm dia.	ES85CFB	ES85CFM	
Scope of supply			Page
Bosch battery 18 V / 5.0 Ah, Li-Ion	RALB2EU		493
Bosch quick-charger for 18 V Li-lon battery	LGLB1EU		494
Makita battery 18 V / 4.0 Ah, Li-lon		RAL40	492
Makita quick-charger for 18 V Li-lon battery		LGL1	494
Plastic case 450 x 370 x 105 mm	KK120NG	KK120NG	
Accessories			Page
Replacement blade	ES8	35E	
Bosch battery 18 V / 5.0 Ah, Li-Ion	RALB2EU		493
Makita battery 18 V / 4.0 Ah, Li-lon		RAL40	492





#### ESG 105 Battery powered hydraulic cutting tool 105 mm dia.







- ▶ Cuts copper and aluminium cables with armouring
- ▶ 120 kN cutting force for extremely wide cutting range up to 105 mm dia.
- ▶ Remarkably lightweight for tools in this performance class
- ▶ Saves time with multiple cuts thanks to innovative opening mechanism
- ▶ 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 with bolt interlock, rotatable, flip top style
- 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
- Manual retract stop (MRS) for efficient operations
- Always ready-to-use thanks to battery charge and service display

#### Suitable for

lightly armoured Cu and Al cables

Makita battery 18 V / 4.0 Ah, Li-Ion

Technical data				
Head type	Guillotine closed			
Cutting range	max. 105 mm dia.			
Cutting force	120 kN			
Cutting time	Depending on cable ty	ре		
Charging time	45 min.			
Weight incl. battery	10.7 kg			
Ambient temperature	-10 °C up to +40 °C			
Item		Part No. Bosch	Part No. Makita	
Battery powered hydraulic cutting	ng tool 105 mm dia.	ESG105CFB	ESG105CFM	
Scope of supply				Page
Bosch battery 18 V / 5.0 Ah, Li-l	on	RALB2EU		493
Bosch battery 18 V / 5.0 Ah, Li-l Bosch quick-charger for 18 V Li		RALB2EU LGLB1EU		493 494
	-lon battery		RAL40	
Bosch quick-charger for 18 V Li	-lon battery i-lon battery		RAL40 LGL1	494
Bosch quick-charger for 18 V Li Makita quick-charger for 18 V L	-lon battery i-lon battery m			494
Bosch quick-charger for 18 V Li Makita quick-charger for 18 V L Plastic case 450 x 370 x 105 m	-lon battery i-lon battery m	LGLB1EU	LGL1	494
Bosch quick-charger for 18 V Li Makita quick-charger for 18 V L Plastic case 450 x 370 x 105 m Makita battery 18 V / 4.0 Ah, Li-	-lon battery i-lon battery m	LGLB1EU  MK105NG	LGL1	494 492 494
Bosch quick-charger for 18 V Li Makita quick-charger for 18 V L Plastic case 450 x 370 x 105 m Makita battery 18 V / 4.0 Ah, Li- Accessories	-lon battery i-lon battery m	MK105NG  ESG1	LGL1 MK105NG	494 492 494
Bosch quick-charger for 18 V Li Makita quick-charger for 18 V L Plastic case 450 x 370 x 105 m Makita battery 18 V / 4.0 Ah, Li- Accessories Inner moving blade	-lon battery i-lon battery m Ion	MK105NG  ESG1	LGL1 MK105NG 05ES	494 492 494

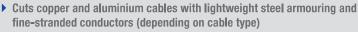
RAL40

492

#### ES 105 Battery powered hydraulic cutting tool 105 mm dia.







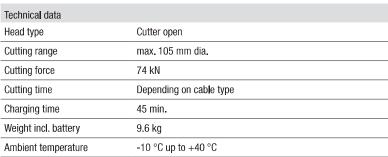
- ▶ Extremely large cutting area to 105 mm dia.
- ▶ Saves time with multiple cuts thanks to innovative opening mechanism
- ▶ All tool data in view thanks to display and i-press® app

#### **Characteristics**

- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Open head, rotatable
- 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
- Manual retract stop (MRS) for efficient operations
- Always ready-to-use thanks to battery charge and service display

#### Suitable for

Cu and Al cable



Item	Part No. Bosch	Part No. Makita	
Battery powered hydraulic cutting tool 105 mm dia.	ES105CFB	ES105CFM	
Scope of supply			Page
Bosch battery 18 V / 5.0 Ah, Li-lon	RALB2EU		493
Bosch quick-charger for 18 V Li-lon battery	LGLB1EU		494
Makita battery 18 V / 4.0 Ah, Li-lon		RAL40	492
Makita quick-charger for 18 V Li-lon battery		LGL1	494
Plastic case 450 x 370 x 105 mm	MK105NG	MK105NG	
Accessories			Page
Replacement blade	ES1	05E	
Bosch battery 18 V / 5.0 Ah, Li-lon	RALB2EU		493
Makita battery 18 V / 4.0 Ah, Li-lon		RAL40	492







#### EKM 60 UNV Battery-powered hydraulic universal tool 6 - 300 mm<sup>2</sup>













- ▶ 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
- ▶ Small and slim, perfect for cramped conditions

#### **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
- 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 478

Technical data						
Crimping force	60 kN					
Stroke	42 mm					
Crimping range	6 - 300 mm²	6 - 300 mm <sup>2</sup>				
Crimping cycle	7 s up to 9 s (dependi	7 s up to 9 s (depending on cross-section)				
Cutting range	max. 40 mm dia.	max. 40 mm dia.				
Punching capacity	up to 64 mm dia. roun	up to 64 mm dia. round, up to 92 x 92 mm square				
Charging time	15 min.					
Weight	3.0 kg					
Ambient temperature	-10 °C up to +40 °C					
Item		Part No. <b>Boso</b>	ch Part No. Ma	akita		
Battery-powered hydraulic ur	niversal tool 6 - 300 mm²	EKM60UNVC	FB EKM60UN	/CFM		
Scope of supply				Page		
Bosch battery 18 V / 2.0 Ah, Li-Ion		RALB1EU		492		
Bosch quick-charger for 18 V Li-Ion battery		LGLB1EU		494		
Makita battery 18 V / 1.5 Ah,	Li-lon		RAL1	491		
Makita quick-charger for 18 V Li-lon battery			LGL1	494		
Adapter for crimping dies of S	Series 22	UA22	UA22	478		
Plastic case 450 x 370 x 105	mm	KKMUNVNG	G KKMUNVNG			
Accessories				Page		
Bosch battery 18 V / 5.0 Ah, I	_i-lon	RALB2EU		493		
Makita battery 18 V / 3.0 Ah,	Li-lon (54 Wh)		RAL2	491		
Variants				Page		
L-BOXX with battery powered EKM60UNVCFB	d universa <b>l</b> tool	LBOXXEKM60UNVCFB		205		
L-BOXX with battery powered EKM60UNVCFM	d universal tool		LBOXXEKM60UNVCFM	205		

#### EK 60 UNV Battery-powered hydraulic universal tool 6 - 300 mm<sup>2</sup>















- ▶ 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
- ► Fast working due to 2-stage hydraulics
- 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
- 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 478

. 3				
Technical data				
Crimping force	60 kN			
Stroke	42 mm			
Crimping range	6 - 300 mm²			
Crimping cycle	3 s to 5 s (depending on cross-section)			
Cutting range	max. 40 mm dia.			
Punching capacity	up to 64 mm dia. round	t		
Charging time	45 min.			
Weight	4.8 kg			
Ambient temperature	-10 °C up to +40 °C			
Item		Part No. Bosch	Part No. <b>Makita</b>	
Battery-powered hydraulic universal tool 6 - 300 mm <sup>2</sup>		EK60UNVCFB	EK60UNVCFM	
Scope of supply				Page
Bosch battery 18 V / 5.0 Ah, Li-Ion		RALB2EU		493
Bosch quick-charger for 18 V Li-lon battery		LGLB1EU		494
Makita battery 18 V / 4.0 Ah, Li-lon			RAL40	492
Makita quick-charger for 18 V Li-lon battery			LGL1	494
Plastic case 450 x 370 x 105 mm		UA22	UA22	478
Adapter for crimping dies of Series 22		KK120UNVNG	KK120UNVNG	







#### EK 120 UNV Battery-powered hydraulic universal tool 10 - 400 mm<sup>2</sup>











- ▶ 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
- 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 478

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 mm <sup>2</sup>		EK120UNVCFB	EK120UNVCFM	
Scope of supply				Page
Bosch battery 18 V / 5.0 Ah, Li-lon		RALB2EU		493
Bosch quick-charger for 18 V Li-lon battery		LGLB1EU		494
Makita battery 18 V / 4.0 Ah, Li-lon			RAL40	492
Makita quick-charger for 18 V Li-lon battery			LGL1	494
Plastic case 450 x 370 x 105 mm		KK120UNVNG	KK120UNVNG	
Adapter for crimping dies		UA12TKL	UA12TKL	478