

KLAUKE ESM 50



 made in Germany

TECHNICAL DATA

Force transmission	Klauke 2-stage hydraulics, battery powered	
Application area	Cu conductor single-wire (conductor class 1) max. 20 mm dia.	
	Cu conductor multi-stranded (conductor class 2) max. 50 mm dia.	
	Cu conductor fine-stranded (conductor class 5) max. 50 mm dia.	
	Cu conductor superfine-stranded (conductor class 6) max. 50 mm dia.	
	Cu conductor armoured 50 mm dia.	
Application area	Al conductor single-wire (conductor class 1) max. 50 mm dia.	
	Al conductor multi-stranded (conductor class 2) max. 50 mm dia.	
	Al conductor fine-stranded (conductor class 5) max. 50 mm dia.	
	Al conductor superfine-stranded (conductor class 6) max. 50 mm dia.	
	Al conductor armoured 50 mm dia.	
Cutting force	38 kN (> 3.8 t)	
Cutting time	8 – 10 s (depending on material thickness)	
Retraction	Automatically after every cutting operation; manual retraction stop	
Rotation range	360°	
Weight	3 kg (incl. battery)	
Charging time	approx. 15 min.	
Ambient temp.	-10 °C to +40 °C	
Illumination	LED	
Interface	Bluetooth	
Dimensions	513 x 116 x 74 mm	
Manufacturer	Made in Germany	
Scope of supply	Battery (choice of Bosch or Makita)	
	Charger (for the corresponding battery system)	
	Robust transport case	
Variants	Bosch battery	Makita battery
Battery	18 V / 2.0 Ah / Li-Ion	18 V / 1.5 Ah / Li-Ion
Item no.	ESM50CFB	ESM50CFM

ABOUT KLAUKE

Klauke ranks among the leading system suppliers of electrical connectors, tools and test and measuring instruments for the professional electrical engineer.

PERSONAL ADVICE



Test the new Klauke ESM 50 for yourself and find out more about our tools and instruments for the professional electrical engineer: Simply arrange an appointment with your personal adviser:

T +49 (0) 2191 907 107
 E anfragen@klauke.textron.com
 W www.klauke.com/de/ausendienstmitarbeitersuche

CUTS WHATEVER FITS!*

All cables – one pair of shears:*

The new Klauke ESM 50 allows you to cut both copper and aluminium cables of all standard conductor classes at the touch of a button – up to a diameter of 50 mm!



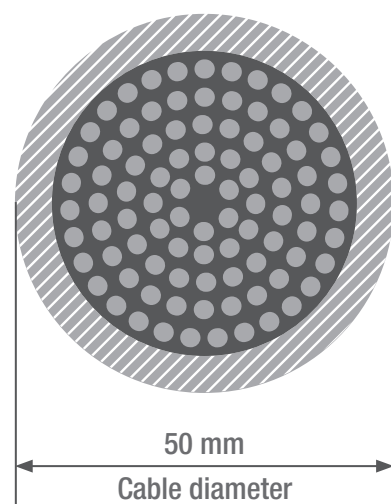
Verbindungen mit System
 The Power of Partnership

Klauke®

MAXIMUM OUTPUT – MINIMUM WEIGHT

To get the best from the versatility of the new Klauke ESM 50, the shears have the largest cutting range in the class of one-handed inline-shaped cutting tools.

So you no longer have to deliberate over which shears you need for which cable – the Klauke ESM 50 “cuts whatever fits”.*



THE NEW UNIVERSAL SHEARS

The optimised cutter geometry of the Klauke ESM 50 has been developed to effortlessly cut the most commonly used cable types*:

- Cutting range up to 50 mm
- Practical, one-handed inline design
- Total weight only 3 kg



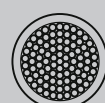
PROBLEM-FREE CUTTING OF ALL CABLE TYPES



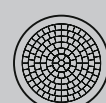
Solid conductor



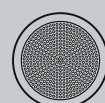
Multi-stranded compacted conductors



Fine-stranded conductors



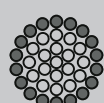
Fine-stranded compacted conductors



Superfine-stranded conductors



Multi-stranded conductors



Armoured conductors



YOU SAVE ENERGY AND TIME

The Klauke ESM 50 cutting head features a unique cut guidance feature. This stabilises the blades during the cutting operation and guarantees a clean and precise cut at all times – even with superfine conductors and very short sections.

- permanently rigid cutting head with cut guidance and blade stabilisation for uniform cut quality
- easy clean, open cutting head – therefore also suitable for earthwork
- cutting head rotates smoothly through 360°

Designed for a broad range of applications: For the Klauke ESM 50, choose a battery from Bosch or Makita that complements your other tools. The efficient energy control allows around 100 cutting operations per battery charge. Thanks to the battery charge and service indication in the integrated display, you always know when to replace or charge the battery.



FOR YOUR SAFETY: ONE BUTTON – SEVERAL FUNCTIONS

The Klauke ESM 50 combines a great deal of technology in a small amount of space: It controls all functions of the powerful 2-stage hydraulics very simply and with only one button. With the manual retraction stop and the optional double-click function, you can set the tool to your personal requirement for the task at hand.

So work safely and efficiently at all times.

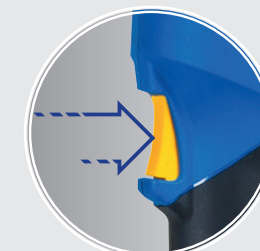
- for your safety – automatic retraction on completion AND cutting process can be interrupted by releasing trigger
- manual retraction stop for more efficiency
- intuitive one-button control



Automatic retraction



Manual retraction stop



One-button control

What to order from the wholesaler:

Item No.: ESM50CFB (Bosch battery)

Item No.: ESM50CFM (Makita battery)

*suitable for multi, fine and superfine Cu and Al conductors to 50 mm dia., as well as for Cu solid conductors to 20 mm dia. and Al solid conductors to 50 mm dia. Also suitable for sector shaped conductors, e.g. NYY-J 3x185 SM/95SM. Not suitable for steel ropes and ACSR cables. Also refer to the list of application areas on the last page.