

Klauke



THE COMPLETE SUPPLY FOR ENERGY PROVIDERS

Klauke: The go-to-partner for your electrical installation work

[Klauke.com](https://www.klauke.com)



OUR PROMISE

Klauke takes your needs seriously. For us, "Made by Klauke" means that all products are manufactured with the highest quality.

ALWAYS ON THE SAFE SIDE, WITH KLAUKE

Safety and reliability through quality

Our products are tested by authorized inspection agencies certified to ISO 17025 so that we are able to offer our customers – and thereby your customers, too – the highest safety and reliability possible. This ensures accurate and reliable test results. The scope of testing ranges from the connection materials we use to the tools we make.

This serves to firmly establish the prerequisites for market entry and guarantees quality assurance, because the conformity assessment includes performance and qualification testing ranging from drop tests, flammability tests and functional safety tests to screw tear-out tests and much more.

CERTIFICATES

Company

- ISO 14001
- ISO 9001

Quality of the connection

- IEC 61238-1 (Class A)
- UL468A-468B
- DNV

Safety of the tools

- IEC 62841-1
- VDE nach REG. F647



Merely meeting the standards' requirements is not enough for us. When it comes to safety and reliability, usability and robustness, Klauke's products fulfill the highest demands and deliver more than the standards require.

Certified quality management systems of the Klauke companies

- ISO 9001:2015 - Customer- and process-oriented quality management system
- IATF 16949:2016 - The IATF 16949 standard goes beyond the DIN ISO 9001-series standards, and is the internationally recognized standard for quality management systems in the automotive industry.
- ISO 14001:2015 - Environmental management systems for continuously improving environmental performance



OVERHEAD APPLICATION

ESG 25 and ESM 25

Battery powered hydraulic cutting tools 25 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 (ESG 25)
- High-performance cutting characteristics for highly-flexible conductors and wire cables
- Quick-change cutting blades





ESGM 452

Battery powered hydraulic cutting tool 45 mm dia.

- For cutting Al/St cables (ACSR), round materials (CU, Al, St) as well as armoured cables
- Lightest tool in the market – only inline tool with 45mm opening
- Quick Change of cutting blades
- Dampening System extends life time, reduces shock load and risk of flying materials
- Capable to cut rebar up to 14 mm





ES 20 RMC and ESM 35 RMC CFM

Battery powered hydraulic cutting tool 20 mm dia. and 35 mm dia.

- For cutting Al/St conductors (ACSR) according to DIN EN 50182, solid Al/Cu cables according to DIN EN 60228, Class 1 and laminated copper bus bars
- Tool with remote control, e.g. for hot stick
- Extremely robust design, lightweight and with a slim cutting head – ideal when space is critical



EKM 60/22

Battery powered hydraulic crimping tool 6 - 300 mm²

- Large crimping range up to 300 mm²
- Lightweight and perfect for working in a cramped room condition
- Closed rotateable head, flip top style
- Automatic retract stop (ARS) for faster crimping cycles in case of multiple crimps



EK 120/42

Battery powered hydraulic crimping tool 16 - 400 mm²

- C-head with very wide crimping range up to 400 mm²
- Fewer crimps necessary thanks to wide crimping
- Easy handling in all working environments by optimum weight distribution
- Automatic retract stop (ARS) for faster crimping cycles in case of multiple crimps



IF YOU NEED
MORE INFORMATION



SCAN ME

THESE TOOLS ARE ONLY
EXAMPLES OF OUR BROAD RANGE.
FIND OUT MORE ABOUT OUR
UTILITY TOOLS.

UNDERGROUND APPLICATION

ESM 50

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

- Cuts every soft metal cable that fits in
- Clean cut which does not require rework
- Cuts every cable class (Class 1–6)



ES 65 / ES 85 / ESG 85 / ES 105 / ESG 105

Battery powered hydraulic cutting tool
65 up to 105 mm dia.

- Cuts copper and aluminium cables with lightweight steel armouring
- Saves time with multiple cuts thanks to MRS Function



ES 65 (65 mm dia.)



ES 85 (85 mm dia.)



ESG 85 (85 mm dia.)



ES 105 (105 mm dia.)



ESG 105 (105 mm dia.)



EKM 60 ID

Battery powered hydraulic crimping tool
10 - 240 mm²

- Extra large crimping area
- Indent crimping - no change of crimping dies required
- Very well suited for compacted conductors
- Especially for fine strand conductors to DIN VDE 60228



EK 120 42 and EK 135

Battery powered hydraulic crimping tool 16 - 400 mm²
or Battery powered hydraulic crimping tool 10 - 630 mm²

- Powerful with a crimping force up to 13.5 t tools
- Up to 60 % fewer crimps thanks to wide crimping
- Automatic retract stop (ARS) for faster crimping cycles in case of multiple crimps



EK 60 UNV and EKM 60 UNV

Battery powered hydraulic universal tools

- One tool for crimping, cutting and punching with interchangeable dies
- Crimping range: 6 - 300 mm²
- Cutting max. 40 mm dia.
- Punching capacity: to 64 mm dia. round; to 92 x 92 mm square
- Ideal for all jobs where you need multiple applications at different places
- Dies are easy and fast changeable



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SAFETY CUTTER



ESSG 105L

battery-powered hydraulic safety cutting unit
to max. 105 mm dia.

- Safety cutter for cutting live Cu/Al cables without steel armouring which, may carry voltages of up to 60 kV
- Single-core lives cables without steel armouring can be cut under voltage of up to 110 kV/60 Hz
- The cutting head is supplied with a safety hydraulic hose (10 m)



PISTOLGRIP



ASSG 120L

**Battery powered hydraulic safety cutters
to max. 120 mm dia.**

- Single-core lives cables without steel armouring can be cut under voltage of up to 110 kV/60 Hz
- Very wide opening width to 120 mm
- The cutting head is supplied with a safety hydraulic hose (10 m)





CUTTER WITH REMOTE CONTROL

ESG 65 RMCP and ESG 105 RMCP

Battery-operated hydraulic cutting tools
with only remote control 65 and 105 mm dia.

- Tool with remote control to maintain a safe distance during cutting
- Full cut detection not based on pressure sensor
- Raise of productivity due to easier operation (twice as fast to former solutions)
- Nearly maintenance free (no need of exchanging oil or hose)
- Closed head design prevents cable to slip out or damage nearby cables
- Remote distance up to 70 m



ESG 65 RMC + ESG 105 RMC

Battery-operated hydraulic cutting tools
with remote control 65 mm dia. and 105 mm dia.

- Tool with optional remote control (usable with and without)
- Full cut detection not based on pressure sensor
- Raise of productivity due to easier operation (twice as fast to former solutions)
- Nearly maintenance free (no need of exchanging oil or hose)
- Closed head design prevents cable to slip out or damage nearby cables
- Remote distance up to 70 m



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UNDERGROUND LINE LOCATORS



SeekTech SR-20

Trace any frequency from 10 Hz to 35 kHz

- Target line and guidance arrows quickly identify distortion.
- Proximity signal and signal strength help work through difficult locates.
- Trace any frequency from 10 Hz to 35 kHz.



Find sonders/beacons



Direct connect to utility lines



Find plastic pipe with integral line trace



Induce a signal to locate utilities

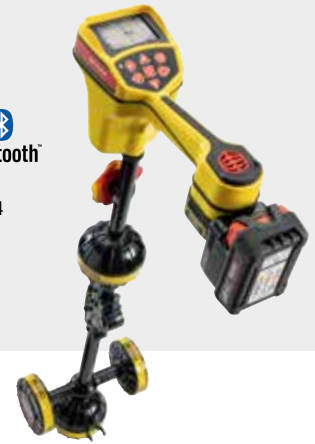
SeekTech SR-24 LE

Line Locator with Bluetooth® and GPS

- Bluetooth® Compatibility - Bluetooth® Low Energy technology streams data to smartphones, tablets or high-precision GPS instruments
- Integrated Battery Adaptor - Equipped with a SeekTech Battery Adaptor for your RIDGID 18V Lithium Ion battery (battery purchased separately)
- Delineation - Intuitive mapping display shows concealed utilities estimated position, direction, and depth



Download at
www.RIDGID.com/SR24



SeekTech 4" (100 mm) Inductive Signal Clamp

Compatible with all RIDGID® transmitters

- Induces a signal onto a cable or pipe less than 119 mm (4.7 in) in diameter
- Compatible with all RIDGID SeekTech line transmitters, including the ST-305, ST-305R, ST-33Q+ and ST-510
- Additionally compatible with any comparable line transmitter which has a 10 watt or less maximum output power if frequency is under 45 kHz, and a 1 watt maximum if above 45 kHz
- Can be used with frequencies from 8 kHz to 262 kHz
- Ergonomic handle for easy opening and closing tight spaces



ST-305

Transmitters for tracing underground metallic pipes and cables

- Lightweight and compact transmitter that delivers up to 5 watts of power.
- Can transmit two frequencies simultaneously.
- Audio feedback confirms a good circuit before beginning a trace.



ST-510

Transmitters for tracing underground metallic pipes and cables

- Ten watts of fully variable power output
- LCD display provides instant visual feedback on line resistance and current flow
- Two 25' (7,62 m) lead wires with heavy duty clips
- Audio feedback confirms a good circuit before trace





KLAUKE SYSTEM TRAINING

Always on the safe side with first-hand professional expertise

What cable lug works best for which cable? What form of crimping die works best in each application? What tool should you use? Does that apply for copper as well as aluminum? And what about DIN-compliant crimping?

Hundreds of companies have already called on Klauke for training – from medium-sized businesses to large corporate groups: the content and scope of Klauke System training courses are always personally coordinated and agreed with you, customized to your applications and needs. Every participant completing a training program is of course awarded a personal certificate.

The broad field of electrical connection technology is a complex subject area that requires expertise and precision. There is no room for error, as any mistake can be a threat to personal safety. Klauke offers training that clarifies what's right and what's wrong.

INFORMATION AND APPOINTMENT SCHEDULING

Training management

Peter Nowak

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THE KLAUKE MOBILE AND TECHNICAL CONSULTING

On-site tool demonstrations at your premises

The Klauke Mobile is a workshop on wheels packed full with the newest and most important tools: everything from compact hand-held crimping pliers to battery-powered hydraulic crimping machines handling up to 400 mm² – we have it all on hand, offering you every possibility to thoroughly try out and test the Klauke System.

We offer you the possibility to test our solutions first hand, on your job site and on the cables you use every day. Handy tools, powerful battery-driven hydraulic

shears like the exclusive VDE-tested Klauke ORANGE cutting tools or our safety cutters certified by the German institutions for statutory accident insurance and prevention – the Klauke Mobile has it all on board.

APPOINTMENTS

Simply speak to your personal technical consultant to arrange a visit, or contact us at:

- Klauke-DACH@Emerson.com

Your partner for demanding work

Our Application Technology team also conducts tensile testing for your specific electrical connections, and advises you on selecting the right components, tools and processing methods – always applying state-of-the-art practices and complying with the applicable codes and standards.

No question is too hard or detailed: you can always reach us by e-mail or telephone for specific advice – that's how we clarify your specific application cases and questions in no time at all.

POINT OF CONTACT

- Application Technology Hotline:
+49 (0)2191 907-1070
- Klauke-Anwendungstechnik@Emerson.com

CONNECTING TOGETHER



RIDGID

GREENLEE

Klauke

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