

KLAUKE ORANGE THE TOOL RANGE FOR MAXIMUM SAFETY



INTEGRATED VOLTAGE PROTECTION UP TO 1000 V



**VDE TESTED AND
CERTIFIED UP TO 1000 V
IN ACCORDANCE TO
THE ELECTRICAL
REQUIREMENTS
OF IEC 60900**

**APPLIED VOLTAGE
AT THE TOOL HEAD
DOES NOT DISRUPT TO
TOOL BODY**

**INTEGRATED SLIP-OFF
PROTECTION PREVENTS
UNINTENTIONAL
CONTACT WITH LIVE
PARTS**

**HOUSING IN
SIGNAL ORANGE
FOR SIMPLE
DIFFERENTIATION FROM
STANDARD TOOLS**



GLOBALLY UNIQUE

Our new Klauke Orange tools are the world's first tools of their kind offering a patent-pending design to help protect operators from electric shock up to 1000 V. The insulation barrier, which was developed in-house, impedes voltage from discharging between the tool head and tool body. Our battery powered hydraulic cutting and crimping tools are fully type tested and certified by VDE to IEC 62841-1 as well as the applicable parts of IEC 60900 and every single tool undergoes dielectric testing as part of our production process.



VDE tested and certified to 1000 V in accordance to the electrical requirements of IEC 60900 and fully certified to IEC 62841-1

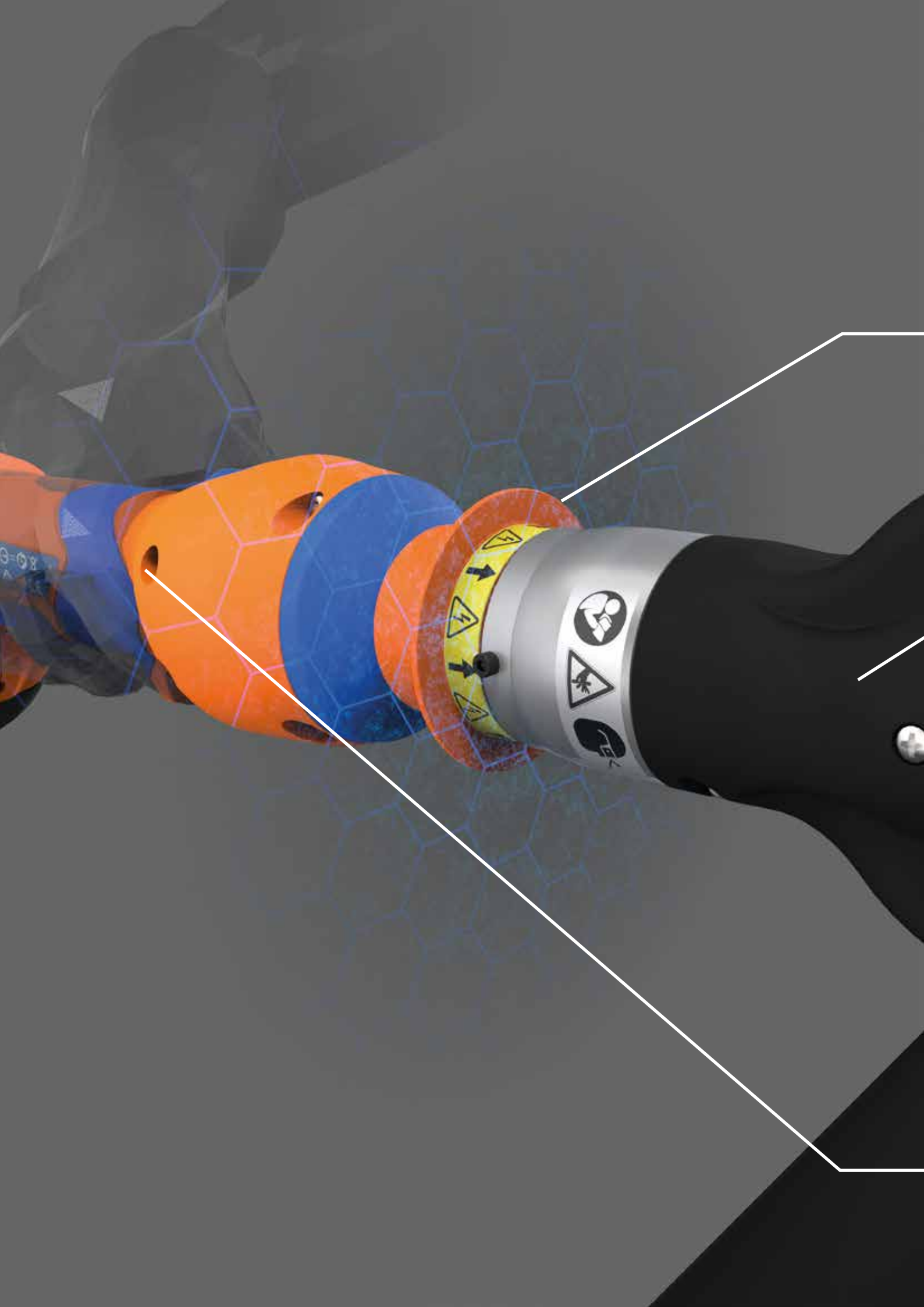
SAFER OPERATION

Working on or near live parts in low-voltage areas up to 1000V is often part of every day work in certain sectors. Until now, such tasks have required the use of insulated manual hand tools. In tight or precision workspaces, exerting the force needed to operate insulated manual hand tools has posed a safety risk all its own.

Now for the first time, our new Orange tools offers battery-powered cutting and crimping tools that can significantly reduce operator exertion, improving precision and safety in these hazardous work conditions.



Accidental touching of live parts is prevented by standard-conforming slip-off protection



STANDARD-CONFORMING SLIP-OFF
PROTECTION FOR SAFE WORKING

AREA OF OPERATION

VOLTAGE-FREE AREA

A BETTER OPTION

Electrical systems cannot be de-energized or disconnected in many cases, so working on live cables cannot be avoided. Our battery powered crimping and cutting tools increase operating comfort and safety compared to manual hand tools. Our Orange tools can be used in a wide variety of low-voltage area applications up to 1000 V including installation of cable joints or working on overhead transmission lines, meter systems, or street lighting.

TRIED AND PROVEN FUNCTIONS AVAILABLE



The tried and proven functions of our Next Generation remain in place. Hence you can see all information at a glance, thanks to the integrated display. Orange tools also have a continuously rotating tool head.

ORANGE TOOLS AT A GLANCE

New insulated battery powered hydraulic cutting and crimping tools for accidentally live line applications up to 1000 V.

EKM 60 ID ISM

VDE battery powered hydraulic crimping tool 10 - 240 mm²

- Extra large crimping area due to innovative 2-stage telescopic cylinder
- Indent crimping - no changing of dies required



EKM 60/22 ISM

VDE battery powered hydraulic crimping tool 6 - 300 mm²

- Large crimping range up to 300 mm²
- Interchangeable dies



ESM 50 ISM

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

- High cutting force for cutting copper and aluminium cables (fine-wired also)
- Saves time with multiple cuts thanks to innovative opening mechanism



ESM 35 ISM

VDE battery powered hydraulic cutting tool 35 mm dia. for copper and aluminium cable

- High cutting force for cutting copper and aluminium cables (fine-wired also)



ES 32 ISM

VDE battery powered hydraulic cutting tool 32 mm dia.

- Slim cutting head - ideal when space is critical



ESM 25 ISM

VDE battery powered hydraulic cutting tool 25 mm dia.

- For cutting Al/St cables (ACSR), round materials (Cu, Al, St) as well as armoured cables, solid structural steel and stay wires
- Easy to replace cutting blade for interruption free working



ES 20 ISM

VDE 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



OTHER SAFETY TOOLS FROM THE KLAUKE PORTFOLIO

ESSG

Battery powered hydraulic safety cutter to max. 105 mm dia.

- Safety cutter for cutting live Cu/Al cables which may carry voltage in case of a failure
- Single-phase cables can be safely cut under voltage up to 110 kV
- Multi-phase cables can be safely cut under voltage up to 60 kV
- Safe and fast operations by using a 10 m long safety hydraulic hose



ASSG

Battery powered hydraulic safety cutter to max. 120 mm dia.

- DGUV-approved safety cutter for cutting live Cu/Al cables in case of failure
- Single-phase cables can be safely cut under voltage up to 110 kV
- Multi-phase cables can be safely cut under voltage up to 60 kV
- Very large opening width to 120 mm
- Safe and fast operations by using remote control and 10 m long safety hydraulic hose





www.klauke.com/orange

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