



# KLAUKE ORANGE SAFETY IS A CHOICE WE MAKE. THINK SAFE. ACT SAFE.





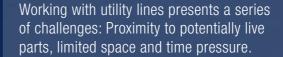


## **MORE SAFETY**

For even more safety, Klauke has now developed the world's first battery hydraulic crimping and cutting tools with Tri-Insulation Barrier technology that provides users with 1.000V protection against electrical shocks.

Whether you work as a panel builder or in utilities: Think safe. Act safe.

Choose Klauke ORANGE for more safety.



This is why safety and using the right protection equipment are essential when doing this type of work.

With Klauke ORANGE, you can rely on an additional layer of protection, whenever it is not possible to disconnect the circuits or when you may not be aware that you are working on a live circuit.



One panel is not like any other! There are many different possible configurations. Likewise, there are also many different tools that can be used for building a panel.

No matter how many tooling options there are, manual insulated tools are always included in the Electrician's Tool Box... which means that SAFETY truly matters for you, even in a seemingly voltage-free environment.

With Klauke ORANGE you can now rely on even more safety and tool ergonomics, helping you to get the job done easier and safer.



**WHY ORANGE?** 



You frequently work in close proximity of live lines and parts.

You cannot take any chances.



You have ergonomic issues due to use of manual insulated tools. You want to work safe but with faster and more ergonomic tools.



Cables you perceive as not live, can turn out to be live. You want to be protected at all times.



A power outage needs to handled as fast as possible. You have to fully rely on your tools for the fastest but also the safest operations.



Live line cutting is one of your safety critical tasks. You have to use safer tools for more protection.



Statistics\* show that ignorance of the safety rules is the main reason for accidents. You know that use of safer tooling can make the difference.

Klauke made in Germ

# TRI-INSULATION BARBIER

The Patent-Pending Tri-Insulation Barrier Technology provides protection against 1000V Electrical Shocks. The integrated Slip-off protection prevents accidental contact with live parts.

The Klauke ORANGE battery hydraulic Cutting- and Crimp Tools are VDE-approved in accordance to IEC 60900 and fully VDE-certified to IEC 62841-1.

## **MORE EFFICIENCY**

Klauke ORANGE brings together the best of the two worlds: 1.000V Safety of manual insulated tools and the Speed, Ergonomics and Efficiency of Klauke battery hydraulic tools allowing you to work safe and fast without requiring excessive hand force.

VOLTAGE-FREE AREA



### **CREEPAGE DISTANCE**

CLEVER DESIGN ENSURES
MINIMUM 12.5MM DISTANCE
BETWEEN NON INSULATED
PARTS



### **PA6 INSULATION**

PLASTIC HOUSING
MATERIAL WITH EXCELLENT
INSULATING PROPERTIES



## DIELECTRIC OIL

HYDRAULIC OIL WITH HIGH DIELECTRIC INSULATING PROPERTY







## THE ORANGE LINE-UP

Klauke offers a wide range of 1000V Insulated ORANGE tools for MORE SAFETY, EFFICIENCY AND ERGONOMICS on the jobsite.



#### CRIMPING TOOL WITH LARGE **CRIMPING RANGE**

EKM6022ISM VDE battery powered hydraulic crimping tool 6 - 300 mm<sup>2</sup>

- All types of connectors
- K22 Series: Widest range of crimp dies and profiles. incl. for cable pre-rounding & crimping of C- & H-Clamps
- Fast consecutive crimping with ARS
- 75% faster operation
- 3.1 KG



#### **DIE-LESS CRIMPING TOOL** WITH INDENT CRIMP

**EKM60IDISM VDE battery-powered** hydraulic crimping tool 10 - 240 mm<sup>2</sup>

- All standard type Al/Cu lugs
- XL crimp area with patented telescopic 2-stage design & special multilayer- indent
- 75% faster crimping with MRS+
- 2,6 kg





### Klauke equipment features: Applies to all **ORANGE** tools



High-Force hydraulics: Powerful hydraulic power



Super fast: Cut/crimp in just a few seconds



Full flexibility thanks to the infinite swivel head

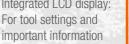


light weight, best ergonomics, no fatigue



#### Full control: Automatic and manual retraction







#### Pressure sensor: For safe and reliable operation

### laminated Cu busbars Extra slim cutter head

HANDY OVERHEAD

■ 2,1 kg



#### **CUTTING TOOL WITH INTERCHANGEABLE BLADES**

ESM25ISM VDE battery powered hydraulic cutting tool 25 mm dia.

ACSR; class 1 solid Cu/Al; stay wire

SUITABLE FOR ALL

Scissor style cutting head

for easy cable access

2,9 kg

ESM35ISM VDE battery powered

hydraulic cutting tool 35 mm dia.

All types of Cu/Al cable incl. super-

fine stranded & light-armored cable

**CABLE CLASSES** 

Special blade guide and field replaceable blades

**CUTTING RANGE** 

ESM50ISM VDE battery powered hydraulic cutting tool 54 mm dia.

All Cu/Al cable incl. super-fine stranded & light-armored cable Special blade guide for straight

and safer cable cutting

■ 2,9 kg

LARGE

■ 3,1 kg



### PERFECT CABLE CUTTING TOOL FOR CONFINED SPACE WORK

**ES32ISM VDE Battery-powered** hydraulic cutting tool 32 mm dia.

- Class 1 (solid) and class 2 (multi-stranded) Cu/Al cable
- Slim cutting head: ideal when space is critical
- 2,1 kg



















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