

## Increased force for fast **crimping.**

### Hand-operated hydraulic crimping tools.

Klauke hand-operated hydraulic tools are the most convenient and safest types to generate precise and high operating forces by hand. The ergonomic design and lightweight aluminum handles permit frequent fatigue proof operations.

All tools feature a two-stage hydraulic system with fast feed and power stroke upon reaching counter pressure. Once the crimping operation is complete, the crimping jaws open automatically and retract to the original position - another plus for safety and comfort.

#### ■ Hand-operated hydraulic crimping tools: **compact, innovative and safe.**

- ▶ 2-stage hydraulics with fast feed and power stroke during operation, and **automatic retraction** on completion of the crimp.
- ▶ Ergonomic design and lightweight.
- ▶ **Rotating heads.**

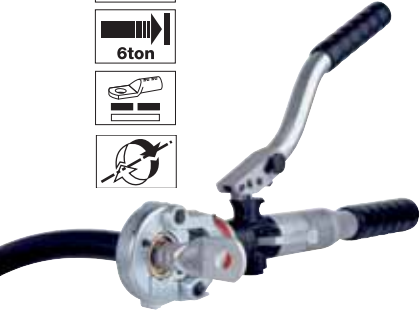
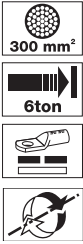


- **Ergonomic design and lightweight.**
- **Automatic retraction on completion of the crimping operation.**
- **Crimping tools from 55 kN to 120 kN crimping force.**
- **Nominal cross sections up to 400 mm<sup>2</sup>.**

#### **Benefits:**

- ▶ Poor crimps are avoided, more safety and shorter intervals between crimping operations thanks to the automatic retraction function.
- ▶ Design and weight facilitate effortless operations.
- ▶ **Safe to work in confined space conditions thanks to the rotating heads.**
- ▶ Faster crimping with less force with the innovative 2-stage hydraulic function.

## ■ Optimised handling with 6-ton crimping tools.



- ▶ Aluminum pump lever and housing result in low weight.
- ▶ Compact design.
- ▶ Designed for nominal cross sections up to 300 mm<sup>2</sup>.
- ▶ For Klauke 18 and 22 dies series.

### Benefits:

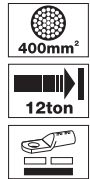
- ▶ **Extremely easy to handle**, even with frequent operations in tight areas - installing underground cable joints or processing switch gears.
- ▶ Versatile applications with the broad range in Klauke's DIN-compliant 18 and 22 series.

## ■ 12 tons for increased productivity.

- ▶ Very large crimping area up to 400 mm<sup>2</sup>.
- ▶ For wide crimps with dies from the Klauke 13 series.

### Benefits:

- ▶ **Considerably higher productivity and time saved thanks to wide crimps.**
- ▶ Typical applications include power technology and cable assembly.
- ▶ *More on Page 292.*



## ■ Quad-point indent crimping - centring guaranteed.



- ▶ Ideal for crimping tubular cable lugs on fine and superfine stranded conductors with nominal cross sections up to 300 mm<sup>2</sup>.
- ▶ No dies required.
- ▶ The tools with quad-point indent crimping feature a patented Klauke centring system.
- ▶ Tools with open and flip-top crimping head.

### Benefits:

- ▶ Safe, convenient processing of standard fine and superfine stranded conductors.
- ▶ Quad-point indent crimping tools **with no die change** are suitable for various cable types and sizes for numerous cable lugs and connectors.
- ▶ Optimised user safety and avoidance of poor crimps thanks to centring of conductors and connecting material.

# Klauke®

## High cutting performance, less force.

### Hand-operated hydraulic cutting tools:

Hand-operated Klauke cutting tools process flexible, multi-stranded, armoured and solid Cu and Al cables, as well as Al/St ropes quickly, conveniently and safely. The ergonomic design and low weight of these tools mean the user needs less effort and staying power.

The 2-stage hydraulics combine a fast feed, power stroke upon reaching counter pressure and automatic retraction function. When the cutting operation is complete, the cutting blades open and move to their original position.



- Ergonomic design and lightweight.
- Automatic retraction on completion of the cutting operation.
- Cutting tools to 85 mm dia.
- Type-dependent cutting force to 120 kN.



Two-stage hydraulic system  
and ergonomic design for  
enhanced efficiency.

## ■ Hand-operated hydraulic cutting tools: **compact, innovative and safe.**

- ▶ 2-stage hydraulics with fast feed and power stroke during operation and **automatic retraction** when the crimp is complete or the cable has been cut.
- ▶ Ergonomic design and lightweight.
- ▶ Rotating heads.

### Benefits:

- ▶ More safety and shorter intervals between crimping operations thanks to the automatic retraction function.
- ▶ Design and weight facilitate effortless operations.
- ▶ Safe to work under difficult spatial conditions thanks to the **rotating heads**.
- ▶ Faster cutting with less force with the innovative 2-stage hydraulic function.



## ■ Fast and safe cutting of **Al/St** ropes: *HSG 45 and HSG 55*



- ▶ Optimised cutting performance.
- ▶ Suitable for cables up to 45 mm dia. and/or 55 mm dia.
- ▶ **For armoured Cu and Al cables and for Al/St ropes.**
- ▶ Extremely sturdy cutting heads.

### Benefits:

- ▶ One tool for diverse applications.
- ▶ This cutting head is set apart by its high stability even under extreme load.
- ▶ The tools are suitable as an universal cutting tool for practically every cable up to 55 mm dia.

## ■ All hand-operated hydraulic cutting tools at a glance.

Tool	Design		Cutting range mm dia.	Cutting force kN	Application				Features
	Open head	Closed head			Cu, Al <sup>1)</sup>	Al / St (ACSR)	Cu / Al, solid	Steel, solid	
HSG45		✓	45	60	✓	✓	✓	✓	Suitable for all standard cables to 45 mm dia. - steel armoured.
HSG50		✓	48	60	✓				Compact and lightweight cutting tool.
HSG55		✓	55	120	✓	✓	✓	✓	With 120 kN cutting force for ACSR ropes to 55 mm dia.
HSG85/2		✓	85	60	✓				Extremely wide cutting range.

<sup>1)</sup> This column also includes Cu / Al multi-stranded and Cu / Al with sheet metal and wire armouring.