



# EXPAND YOUR APPLICATIONS

The correct cutting head creates a host of potentials. Get your pump ready for every application. Klauke cutting heads can be flexibly combined with Klauke system pumps (see page 481) to offer you an individual solution for every challenge.



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► Improved cutting using the right cutting heads.

Tool	Image	Design		Opening width	Cutting force kN	Application				Feature
		Open head	Closed head			Cu / Al*	Al / St (ACSR)	Cu / Al, solid	Steel, solid	
SDG 45			✓	45	60	✓	✓	✓	✓	Especially for Al/St wires to 45 mm dia. and St, solid.
SDG 50			✓	48	60	✓				For multi-stranded Al and Cu cables.
SDG 55			✓	55	120	✓	✓	✓	✓	With 120 kN cutting force, for all cables and Al/St ropes up to 55 mm diameter.
SDK 65		✓		65	42	✓				Ideal for cutting earth cables up to 65 mm diameter.
SDG 85/2			✓	85	60	✓				For cutting copper and aluminium cables up to 85 mm diameter.
SDK 85		✓		85	30	✓				For cutting telecommunication and earth cables up to 85 mm diameter.
SDG 105			✓	105	120	✓		✓		Very wide cutting range up to 105 mm - also for armoured cables diameter.
SDK 105		✓		105	74	✓				Also for fine stranded cables up to 105 mm diameter.
SDK 120		✓		120	55	✓				Extremely broad cutting range up to 120 mm diameter.

\* This column also includes Cu / Al multi-stranded and Cu / Al with sheet metal and wire armouring.

\*\* The exact cutting performance depends on the type of cable or wire.



## Cutting

Hydraulic cutting heads and cutting systems

### SDG 45 Hydraulic cutting head 45 mm dia.



- ▶ High cutting force cuts armoured copper and aluminium cables and Al/St cables (ACSR)
- ▶ Also suitable for round material made of Al, Cu and steel

#### Characteristics

- Closed head with bolt interlock, flip open jaws
- Head with quick coupling, 360° rotatable
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible results

Technical data		
Cutting range	max. 45 mm dia.	
Cutting force	60 kN	
Operating pressure	max. 700 bar	
Length	340 mm	
Weight	3.8 kg	
Item	Part No.	
Hydraulic cutting head 45 mm dia.	<b>SDG45</b>	
Scope of supply	Part No.	Page
Carrying bag	TT2	196

### SDG 50 Hydraulic cutting head 48 mm dia.



- ▶ Cuts copper and aluminium cables with lightweight steel armouring (depending on cable type)

#### Characteristics

- Closed crimping head, flip top style
- Head with quick coupling, 360° rotatable
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible results

Technical data		
Cutting range	max. 48 mm dia.	
Cutting force	60 kN	
Operating pressure	max. 700 bar	
Length	330 mm	
Weight	2.5 kg	
Item	Part No.	
Hydraulic cutting head 48 mm dia.	<b>SDG50</b>	
Scope of supply	Part No.	Page
Carrying bag	TT2	196



## SDG 55 Hydraulic cutting head 55 mm dia.



- ▶ High cutting force cuts armoured copper and aluminium cables and Al/St cables (ACSR)
- ▶ Also suitable for round material made of Al, Cu and steel
- ▶ 120 kN cutting force for maximum output

### Characteristics

- Closed head with bolt interlock, 360° rotation when not pressurised
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible results
- Ergonomic handling through grip

Technical data		
Cutting range	max. 55 mm dia.	
Cutting force	120 kN	
Operating pressure	max. 700 bar	
Length	380 mm	
Weight	5.6 kg	
Item	Part No.	
Hydraulic cutting head 55 mm dia.	<b>SDG55</b>	
Scope of supply	Part No.	Page
Carrying bag	TT2	196

## SDK 65 Hydraulic cutting head 65 mm dia.



- ▶ Cuts copper and aluminium cables with lightweight steel armoring (depending on cable type)
- ▶ Also suitable for fine-stranded cables (depending on cable type)
- ▶ Safe operations due to high ground stability by double handles
- ▶ Improved cutting characteristics due to new cutting geometry

### Characteristics

- Open head with quick coupling, 360° rotation when not pressurised
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible results

Technical data		
Cutting range	max. 65 mm dia.	
Cutting force	42 kN	
Operating pressure	max. 700 bar	
Length	425 mm	
Weight	4.7 kg	
Item	Part No.	
Hydraulic cutting head 65 mm dia.	<b>SDK65</b>	
Scope of supply	Part No.	Page
Carrying bag	TT2	196



## Cutting

Hydraulic cutting heads and cutting systems

### SDG 85/2 Hydraulic cutting head 85 mm dia.



- ▶ High user safety owed to cutting head with bolt interlock
- ▶ Exceptionally light and compact design
- ▶ Cuts copper and aluminium cables with lightweight steel armouring (depending on cable type)

#### Characteristics

- Closed head with bolt interlock, 360° rotation when not pressurised
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible results
- Simple handling

Technical data		
Cutting range	max. 85 mm dia.	
Cutting force	60 kN	
Operating pressure	max. 700 bar	
Length	445 mm	
Weight	4.3 kg	
Item	Part No.	
Hydraulic cutting head 85 mm dia.	<b>SDG852</b>	
Scope of supply	Part No.	Page
Carrying bag	TT2	196

### SDK 85 Hydraulic cutting head 85 mm dia.



- ▶ Cuts copper and aluminium cables with lightweight steel armouring (depending on cable type)
- ▶ Suitable for fine-stranded cable and telecommunication cable (depending on cable type)
- ▶ Safe operations due to high ground stability by double handles
- ▶ Improved cutting characteristics due to new cutting geometry

#### Characteristics

- Open head with quick coupling, 360° rotation when not pressurised
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible results
- Uniform cut by knife guide

Technical data		
Cutting range	max. 85 mm dia.	
Cutting force	30 kN	
Operating pressure	max. 700 bar	
Length	450 mm	
Weight	5.2 kg	
Item	Part No.	
Hydraulic cutting head 85 mm dia.	<b>SDK85</b>	
Scope of supply	Part No.	Page
Carrying bag	TT2	196



## SDG 105 Hydraulic cutting head 105 mm dia.



- ▶ Cuts copper and aluminium cables with armouring
- ▶ 120 kN cutting force for extremely wide cutting range up to 105 mm dia.

### Characteristics

- Closed head with bolt interlock, 360° rotation when not pressurised
- Compact design permits cutting in confined areas
- Simple handling
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible results

Technical data		
Cutting range	max. 105 mm dia.	
Cutting force	120 kN	
Operating pressure	max. 700 bar	
Length	432 mm	
Weight	7.7 kg	
Item	Part No.	
Hydraulic cutting head 105 mm dia.	<b>SDG105</b>	
Scope of supply	Part No.	Page
Carrying bag	TT2	196

## SDK 105 Hydraulic cutting head 105 mm dia.



- ▶ Cuts copper and aluminium cables with lightweight steel armouring (depending on cable type)
- ▶ Extremely wide cutting range up to 105 mm dia., also for fine-stranded cables (depending on cable type)
- ▶ Safe operations due to high ground stability by double handles

### Characteristics

- Open head with quick coupling, 360° rotation when not pressurised
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible results
- High stability due to double grip

Technical data		
Cutting range	max. 105 mm dia.	
Cutting force	74 kN	
Operating pressure	max. 700 bar	
Length	510 mm	
Weight	7.7 kg	
Item	Part No.	
Hydraulic cutting head 105 mm dia.	<b>SDK105</b>	
Scope of supply	Part No.	Page
Carrying bag	TT4	196



## Cutting

Hydraulic cutting heads and cutting systems

### SDK 120 Hydraulic cutting head 120 mm dia.



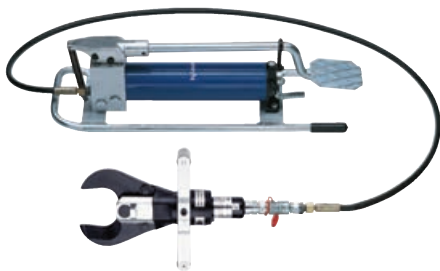
- ▶ Cuts copper and aluminium cables with lightweight steel armouring (depending on cable type)
- ▶ Extremely wide cutting range up to 120 mm dia., also for fine-stranded cables (depending on cable type)
- ▶ Exceptionally light and compact design
- ▶ Safe operations due to high ground stability by double handles

#### Characteristics

- Open head with quick coupling, 360° rotation when not pressurised
- High stability due to double grip
- For connecting to hydraulic pumps with 700 bar operating pressure for best possible results

Technical data		
Cutting range	max. 120 mm dia.	
Cutting force	55 kN	
Operating pressure	max. 700 bar	
Length	538 mm	
Weight	8.7 kg	
Item	Part No.	
Hydraulic cutting head 120 mm dia.	<b>SDK120</b>	
Scope of supply	Part No.	Page
Carrying bag	TT4	196

### AS 65 FHP Hydraulic cutting tool with foot pump 65 mm dia.



- ▶ Cuts copper and aluminium cables with lightweight steel armouring (depending on cable type)
- ▶ Also suitable for fine-stranded cable
- ▶ Safe operations due to high ground stability by double handles
- ▶ Foot pump with two-stage hydraulics
- ▶ Improved cutting characteristics thanks to new cutting geometry

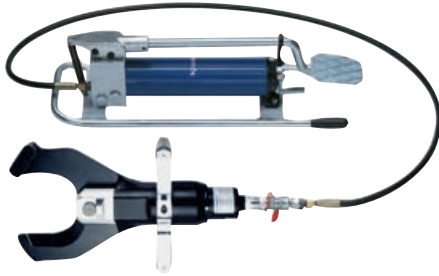
#### Characteristics

- Open head with quick coupling, 360° rotation when not pressurised
- Manual retract as required
- Hydraulic hose, 2 m

Technical data		
Cutting range	max. 65 mm dia.	
Operating pressure	max. 700 bar	
Weight	16.7 kg	
Item	Part No.	
Hydraulic cutting tool with foot pump 65 mm dia.	<b>AS65FHP</b>	
Scope of supply	Part No.	Page
Hydraulic hose, 2 m	HS22	497
Steel carrying case	MKU	196
Accessories	Part No.	Page
Hydraulic hose, 3 m	HS23	497
Hydraulic hose, 4 m	HS24	497
Hydraulic hose, 5 m	HS25	497
Hydraulic hose, 6 m	HS26	497
Hydraulic hose, 8 m	HS28	497
Hydraulic hose, 10 m	HS210	497



## AS 105 FHP / AS 120 FHP Hydraulic cutting tools for foot pump 105 and 120 mm dia.



- ▶ Cuts copper and aluminium cables with lightweight steel armouring (depending on cable type)
- ▶ Suitable for fine-stranded cable and telecommunication cable
- ▶ Safe operations due to high ground stability by double handles
- ▶ Wide cutting range also for fine-stranded cables

### Characteristics

- Foot pump with two-stage hydraulics
- Open head with quick coupling, 360° rotation when not pressurised
- Manual retract as required
- Hydraulic hose, 2 m

### Technical data

Cutting range	AS 105 FHP: max. 105 mm dia., AS120FHP: max. 120 mm dia.
Cutting force	AS105FHP: 74 kN, AS120FHP: 55 kN
Operating pressure	max. 700 bar
Weight	AS105FHP: 19.7 kg, AS120FHP: 20.7 kg

Item	Part No.
Hydraulic cutting tool with foot pump 105 mm dia.	<b>AS105FHP</b>
Hydraulic cutting tool with foot pump 120 mm dia.	<b>AS120FHP</b>

Scope of supply	Part No.	Page
Hydraulic hose, 2 m	HS22	497
Steel carrying case	MKU	196

Accessories	Part No.	Page
Hydraulic hose, 3 m	HS23	497
Hydraulic hose, 4 m	HS24	497
Hydraulic hose, 5 m	HS25	497
Hydraulic hose, 6 m	HS26	497
Hydraulic hose, 8 m	HS28	497
Hydraulic hose, 10 m	HS210	497