

# OUR COMMITMENT TO YOUR SAFETY - SAFETY CUTTERS

Klauke safety cutters cut reliably with BG-tested safety. 10m hydraulic safety hose creates adequate distance to possible hazard sources. Non-conductive hydraulic oil ensures the highest level of safety. Our cutters protect you up to a rated voltage of 60 kV.



## ► Safe in any application

Choose the device - foot pump, battery-powered hydraulics or portable pump unit - that suits your work. Safety in every situation.

- BG-tested safety up to 60 kV rated voltage for CU/AL cables without steel armoring
- The right safety cutters for application
- 10 m hydraulic hose for adequate distance to the hazard source

## ► Free head selection

Klauke safety cutters are available with various open and closed heads. Choose the right head for your application.

- The right head for every application
- Opening width up to 120 mm
- All heads rotate through 360°

## SSG Hydraulic safety cutter with foot pump to max. 105 mm dia.



- ▶ Safety cutter for safe cutting of live Cu/Al cables without steel armouring which, in case of a failure, 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

### Characteristics

- Two-stage hydraulics
- Manual retract as required
- The cutting head is generally delivered including safety hydraulic hose (10 m)

Technical data	SSG65	SSGG85	SSG105	SSGG105
Head type	open (SSK65)	closed (SSKG85)	open (SSK105)	closed (SSGG105)
Cutting range	max. 65 mm dia. (depending on cable type)	max. 85 mm dia. (depending on cable type)	max. 105 mm dia. (depending on cable type)	max. 105 mm dia. (depending on cable type)
Operating pressure	625 bar	625 bar	625 bar	625 bar
Hydraulic oil	Special oil Rivolta S.B.H.11	Special oil Rivolta S.B.H.11	Special oil Rivolta S.B.H.11	Special oil Rivolta S.B.H.11
Weight	16 kg	16 kg	19 kg	19 kg
Ambient temperature	-20 °C up to +40 °C	-20 °C up to +40 °C	-20 °C up to +40 °C	-20 °C up to +40 °C

Item	Part No.	
Hydraulic safety cutting unit with foot pump max. 65 mm dia.	<b>SSG65</b>	
Hydraulic safety cutting unit with foot pump max. 85 mm dia.	<b>SSGG85</b>	
Hydraulic safety cutting unit with foot pump max. 105 mm dia.	<b>SSG105</b>	
Hydraulic safety cutting unit with foot pump max. 105 mm dia.	<b>SSGG105</b>	
Scope of supply	Part No.	Page
Earthing kit	EG1	
Steel carrying case	MKSSG	
Accessories	Part No.	Page
Heat protection cover 1.8 m x 1.8 m	<b>HSD1</b>	
Heat protection cover 1.2 m x 0.9 m	<b>HSD2</b>	
Heat protection cover 0.45 m x 0.6 m	<b>HSD3</b>	

Replacement blade for	SSG65	SSGG85	SSG105	SSGG105
ES65E	•			
ES105E			•	
ESG85EF1		•		
ESG85ES1		•		
ESG105EF				•
ESG105ES				•

Replacement cutting head	SSG65	SSGG85	SSG105	SSGG105
SSK65	•			
SSGG85		•		
SSG105			•	
SSGG105				•

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



- ▶ Safety cutter for cutting live Cu/Al cables without steel armouring which, in case of a failure, may carry voltages of up to 60 kV
- ▶ Single-core live cables without steel armouring can be cut under voltage of up to 110 kV/60 Hz
- ▶ Powerful 3.3 Ah Li-Ion battery

### Characteristics

- 2-stage hydraulic system with fast feed and power stroke
- Electronic control
- Multifunction LED for maintenance display and charge status display of the battery
- LED display for service interval after 250 cuts
- The cutting head is generally delivered including safety hydraulic hose (10 m)

Technical data	ESSG65L	ESSGG85L	ESSG105L
Head type	open (SSK65)	closed (SSK85)	open (SSK105)
Cutting range	max. 65 mm dia. (depending on cable type)	max. 85 mm dia. (depending on cable type)	max. 105 mm dia. (depending on cable type)
Cutting force	35 kN	60 kN	80 kN
Cutting time	approx. 21 s 40 s	approx. 21 - 40 s	approx. 21 - 40 s
Operating pressure	625 bar	625 bar	625 bar
Battery voltage	18 V	18 V	18 V
Battery capacity	3.3 Ah, Li-Ion	3.3 Ah, Li-Ion	3.3 Ah, Li-Ion
Charging time	60 min.	60 min.	60 min.
Hydraulic oil	Special oil Rivolta S.B.H.11	Special oil Rivolta S.B.H.11	Special oil Rivolta S.B.H.11
Weight	10.12 kg	9.98 kg	13.13 kg
Ambient temperature	-20 °C up to +40 °C	-20 °C up to +40 °C	-20 °C up to +40 °C

Item	Part No.
Battery powered hydraulic safety cutter, max. 65 mm dia.	<b>ESSG65L</b>
Battery powered hydraulic safety cutter, max. 85 mm dia.	<b>ESSGG85L</b>
Battery powered hydraulic safety cutter, max. 105 mm dia.	<b>ESSG105L</b>

Scope of supply	Part No.	Page
Battery 18 V / 3.3 Ah, Li-Ion (54 Wh)	RAL3	491
Charger for 18 V Li-Ion batteries	LGL3	494
Plastic case for ESSG65L and ESSG105L	KKESSGL	
Plastic case for ESSGG85L	KKESSGG85L	

Accessories	Part No.	Page
Earthing kit	EG1	
Heat protection cover 1.8 m x 1.8 m	<b>HSD1</b>	
Heat protection cover 1.2 m x 0.9 m	<b>HSD2</b>	
Heat protection cover 0.45 m x 0.6 m	<b>HSD3</b>	

Replacement blade for	ESSG65L	ESSGG85L	ESSG105L
ES65E	•		
ES105E			•
ESG85EF1		•	
ESG85ES1		•	

  

Replacement cutting head	SSG65	SSG85	SSG105	SSGG105
SSK65	•			
SSGG85		•		
SSG105			•	
SSGG105				•



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



- ▶ DGVV-approved safety cutter for cutting live Cu/Al cables without steel armouring which, in case of a failure, may carry voltages of up to 60 kV
- ▶ Single-core live cables without steel armouring can be cut under voltage of up to 110 kV/60 Hz
- ▶ Very wide opening width to 120 mm
- ▶ Safe and fast operations by using remote control and 10 m long safety hydraulic hose

### Characteristics

- 2-stage hydraulic system with fast feed and power stroke
- Quick motor stop for high user safety
- Electronic control
- DGVV-tested
- 360° rotating connection as with the cutting head
- Battery-powered pump filled with non-conductive oil
- Remote control for increased comfort and safety
- Two powerful 5 Ah, 18 V Lithium-Ion batteries (one battery is always there as a replacement)
- Sturdy housing from impact-resistant, fibreglass reinforced polyamide
- The cutting head is generally delivered including safety hydraulic hose (10 m)
- Multi-function display for pressure testing, power consumption and service interval

### Additional information

- Complete system, different variants available depending on cutting head

Technical data	ASSG65L	ASSGG85L	ASSG105L	ASSGG105L	ASSG120SL
Head type	open	closed	open	closed	open
Cutting range	max. 65 mm dia.	max. 85 mm dia.	max. 105 mm dia.	max. 105 mm dia.	max. 120 mm dia.
Operating pressure	max. 630 bar	max. 630 bar	max. 630 bar	max. 630 bar	max. 630 bar
Battery voltage	18 V	18 V	18 V	18 V	18 V
Battery capacity	2 x 5 Ah Li-Ion	2 x 5 Ah Li-Ion	2 x 5 Ah Li-Ion	2 x 5 Ah Li-Ion	2 x 5 Ah Li-Ion
Charging time	45 min.	45 min.	45 min.	45 min.	45 min.
Max. oil volume	approx. 750 ml	approx. 750 ml	approx. 750 ml	approx. 750 ml	approx. 750 ml
Hydraulic oil	Shell Naturelle HF-E 15	Shell Naturelle HF-E 15	Shell Naturelle HF-E 15	Shell Naturelle HF-E 15	Shell Naturelle HF-E 15
Weight incl. battery	2 batteries approx. 6.4 kg	2 batteries approx. 6.4 kg	2 batteries approx. 6.4 kg	2 batteries approx. 6.4 kg	2 batteries approx. 6.4 kg
Ambient temperature	-20 °C up to +40 °C	-20 °C up to +40 °C	-20 °C up to +40 °C	-20 °C up to +40 °C	-20 °C up to +40 °C
Dimension	330 x 160 x 280 mm	330 x 160 x 280 mm	330 x 160 x 280 mm	330 x 160 x 280 mm	330 x 160 x 280 mm

Item	Part No.
Battery powered hydraulic safety cutter, max. 65 mm dia.	<b>ASSG65L</b>
Battery powered hydraulic safety cutter, max. 85 mm dia.	<b>ASSGG85L</b>
Battery powered hydraulic safety cutter, max. 105 mm dia.	<b>ASSG105L</b>
Battery powered hydraulic safety cutter, max. 105 mm dia.	<b>ASSGG105L</b>
Battery powered hydraulic safety cutter, max. 120 mm dia.	<b>ASSG120SL</b>

  

Scope of supply	Part No.	Quantity	Page
Makita battery 18 V / 5.0 Ah, Li-Ion (90 Wh)		2	492
Makita quick-charger for 18 V Li-Ion battery	LGL1	1	494
Earthing kit	EG1	1	
Carrying strap with shoulder padding	TG3	1	495
Remote control with 1.5 m cable	HTA4	1	499
Plastic case	KKASSGL	1	
Plastic case for ASSG105L and ASSG120SL	KKSSK120S	1	