

ESSG Battery powered hydraulic safety cutting units up to max. 105 mm dia.

- ▶ BG-tested safety cutting unit guarantees safe cuts of live copper and aluminum cables without steel armouring up to a rated voltage of 60 kV
- ▶ Single-conductor 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
- Quick motor stop for high user safety
- Electronic control
- Multifunction LED for maintenance control and charging display of the battery
- LED display for service interval after 250 cuts
- 10 m non-conducting high-pressure hose with a coupling to connect to pump ESSG-L

Technical data	ESSG65I	ESSGG85L	ESSG105L
Head type	open (SSK65)	closed (SSKG85)	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 s 40 s	approx. 21s 40 (depending on cable sizes)
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 to +40 °C	-20°C to +40 °C	-20°C to +40 °C

Item	Part No.
Battery powered hydraulic safety cutting unit, max. Ø 65 mm	ESSG65L
Battery powered hydraulic safety cutting unit, max. Ø 85 mm	ESSGG85L
Battery powered hydraulic safety cutting unit, max. Ø 105 mm	ESSG105L

Scope of supply	Part No.	Page
Battery 18 V / 3.3Ah, Li-Ion (54 Wh)	FAL3	398
Charger for 18 V Li-Ion batteries	LGL3	401
Plastic case for ESSG65L and ESSG105L	KKESSGL	
Plastic case for ESSGG85L	KKESSGG85L	
Earthing kit	EG1	

Accessories	Part No.	Page
Heat protection cover 1.80 m x 1.80 m	HSD1	394
Heat protection cover 1.20 m x 0.90 m	HSD2	394
Heat protection cover 0.45 m x 0.60 m	HSD3	394
USB adapter	PGA1	408

Replacement blade for	ESSG65L	ESSGG85L	ESSG105L
ES65E	•		
ES105E			•



Klauke® safety cutter



SSK65



SSKG85



SSK105

SSG Hydraulic safety cutting unit with foot pump up to max. 105 mm dia.



Klauke® safety cutter

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- ▶ Single-conductor live cables without steel armouring can be cut under voltage of up to 110 kV/60 Hz

Characteristics

- Cutting head with quick coupling, 360° rotatable
- Two-stage hydraulics
- Manual retraction in case of need and at high pressure end
- Safety high-pressure 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	16.0 kg	16.0 kg	19.0 kg	19.0 kg
Ambient temperature	-20°C to +40 °C	-20°C to +40 °C	-20°C to +40 °C	-20°C to +40 °C

Item	Part No.
Hydraulic safety cutting unit with foot pump max. 65 mm dia.	SSG65
Hydraulic safety cutting unit with foot pump max. 85 mm dia.	SSGG85
Hydraulic safety cutting unit with foot pump max. 105 mm dia.	SSG105
Hydraulic safety cutting unit with foot pump max. 105 mm dia.	SSGG105

Scope of supply	Part No.	Page
Safety/hydraulic hose, 10 m		
Earthing kit	EG1	
Steel carrying case	MKSSG	

Accessories	Part No.	Page
Heat protection cover 1.80 m x 1.80 m	HSD1	
Heat protection cover 1.20 m x 0.90 m	HSD2	
Heat protection cover 0.45 m x 0.60 m	HSD3	

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



SSK65



SSKG85



SSK105



SSKG105