

# THE RIGHT DRIVE FOR EVERY ACTIVITY.

Even when it comes to drive units, Klauke leaves nothing to chance. No matter where, when and how: Klauke hydraulic pumps give you the power you need.



# Pumps

<b>Pumps</b>	<b>476</b>
Hydraulic pumps	477
Accessories for hydraulic tools	483



# THE DRIVE - HYDRAULIC PUMPS AND DRIVE UNITS

With Klauke, everything fits together. Klauke hydraulic pumps provide every Klauke crimping, cutting and multi head with the required thrust. All pumps are matched to the various heads. They generate 700 bar pressure so that the tool can provide full power with every operation.



## ► Foot pressure actuation: Hydraulic foot pumps

Keep your hands free: With the steady hydraulic foot pumps, you can operate all crimping and cutting tools by your foot pressure. The 2-stage hydraulic system work especially efficiently.

- Foot pumps with up to 700 bar pressure
- 2-stage hydraulic system for efficient pumping effect
- Automatic pressure switch off
- Best possible convenience and good durability
- Up to 10 m hydraulic hose available

## ► Portable pressure: Battery-powered hydraulic pumps

Pumps wherever you want. Simply take our battery-powered hydraulic pump AHP 700-L along with shoulder strap or rucksack.

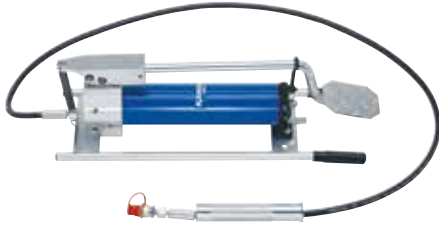
- Pumps delivering up to 700 bar pressure
- Compact dimensions for portable use
- Simple operation via hand switch with 1.5 m cable
- Display with reverse function
- Hydraulic hose up to 10 m long available

## ► Pressure with current: Electro-hydraulic pumps

Use the full force of your tools also with EHP 2, 3 or 4 electro-hydraulic drive.

- Power output up to 700 bar
- High capacity with compact dimensions
- Hydraulic hose up to 10 m long available

## FHP 2 Foot pump 700 bar



- ▶ Two-stage hydraulics
- ▶ Manual retraction if required, also at high pressure
- ▶ Sturdy design

### Characteristics

- Automatic pressure switch off

### Suitable for

- The operation of hydraulic crimping and cutting heads

#### Technical data

Operating pressure max. 700 bar

Weight 12 kg

Item	Part No.	
Foot pump 700 bar	<b>FHP2</b>	
Scope of supply	Part No.	Page
Hydraulic hose, 2 m	HS22	489
Accessories	Part No.	Page
Hydraulic hose, 3 m	HS23	489
Hydraulic hose, 4 m	HS24	489
Hydraulic hose, 5 m	HS25	489
Hydraulic hose, 6 m	HS26	489
Hydraulic hose, 8 m	HS28	489
Hydraulic hose, 10 m	HS210	489

## PHD 2 Pneumatic/hydraulic pressure transmitter, 700 bar



- ▶ Manual retraction if required, also at high pressure

### Suitable for

- The operation of hydraulic crimping and cutting heads

#### Technical data

Required air pressure max. 6 bar

Operating pressure max. 700 bar

Weight 6.3 kg

Item	Part No.	
Pneumatic/hydraulic pressure transmitter	<b>PHD2</b>	
Scope of supply	Part No.	Page
Hydraulic hose, 2 m	HS22	489
Accessories	Part No.	Page
Hydraulic hose, 3 m	HS23	489
Hydraulic hose, 4 m	HS24	489
Hydraulic hose, 5 m	HS25	489
Hydraulic hose, 6 m	HS26	489
Hydraulic hose, 8 m	HS28	489
Hydraulic hose, 10 m	HS210	489

## EHP 2 Electro hydraulic drive unit 400 V, 700 bar

► Compact dimensions and low weight combined with high conveying capacity



### Characteristics

- With AC motor
- Hydraulic hose, 2 m
- Three-stage safety foot switch
- Electronic control
- 70 % power-on time

### Suitable for

- The operation of hydraulic crimping and cutting heads

Technical data		
Version	Three-phase motor	
Rated output	0.55 kW	
Motor voltage	360 V - 440 V / 50 Hz	
Capacity	0.82 l / min.	
Operating pressure	max. 700 bar	
Weight	22.9 kg	
Operating mode	70 % power-on time	
Item	Part No.	
Electro-hydraulic pump, 400 V, 700 bar	<b>EHP2380</b>	
Scope of supply	Part No.	Page
Hydraulic hose, 2 m	HS22	489
Foot switch for electro-hydraulic pumps EHP 4 and HK 12/2 EL	FTA1	488
Accessories	Part No.	Page
Transport trolley for electro-hydraulic pump EHP 2	TW50	
Two-hand safety controller for pumps EHP 2 to EHP 4	ZST3	488
Hydraulic hose, 3 m	HS23	489
Hydraulic hose, 4 m	HS24	489
Hydraulic hose, 5 m	HS25	489
Hydraulic hose, 6 m	HS26	489
Hydraulic hose, 8 m	HS28	489
Hydraulic hose, 10 m	HS210	489
Adapter Klauke sleeve to Greenlee plug	CMGSK	



## EHP 3 Electro hydraulic drive unit 400 V, 700 bar

- ▶ Continuous operation
- ▶ High conveying capacities with compact dimensions



### Characteristics

- With AC motor
- Hydraulic hose, 2 m
- Three-stage safety foot switch
- Electronic control

### Suitable for

- The operation of hydraulic crimping and cutting heads

Technical data		
Version	Three-phase motor	
Rated output	1.1 kW	
Motor voltage	360 V - 440 V / 50 - 60 Hz	
Capacity	0.9 l / min.	
Operating pressure	max. 700 bar	
Weight	40.9 kg	
Operating mode	100 % power-on time	
Item	Part No.	
Electro-hydraulic pump, 400 V, 700 bar	<b>EHP3</b>	
Scope of supply	Part No.	Page
Hydraulic hose, 2m	HS22	489
Foot switch for electro-hydraulic pumps EHP 4 and HK 12/2 EL	FTA1	488
Accessories	Part No.	Page
Two-hand safety controller for pumps EHP 2 to EHP 4	ZST3	488
Hydraulic hose, 3 m	HS23	489
Hydraulic hose, 4 m	HS24	489
Hydraulic hose, 5 m	HS25	489
Hydraulic hose, 6 m	HS26	489
Hydraulic hose, 8 m	HS28	489
Hydraulic hose, 10 m	HS210	489
Adapter Klauke sleeve to Greenlee plug	CMGSK	

## EHP 4 Electro-hydraulic pumps, 700 bar



- ▶ High capacity
- ▶ Manually adjustable piston stroke speed / delivery volume of the pump
- ▶ Closed, compact and lockable housing (IP54 or higher) to protect against humidity, dust and unauthorised manipulation

### Characteristics

- Compatibility with Klauke hydraulic crimping and cutting heads
- For connecting to busbar machining centre
- For use in conjunction with the LSK 120 with adapter CMGSK for punching bus bars
- Compatible with Greenlee punching tools (round and special shape punches) with adapter CMGSK

### Additional information

- The hydraulic pumps can be individually configured as customer-specific system.

Technical data		
Version	AC	
Rated output	0.75 kW	
Motor voltage	EHP4115: 115 V/50 Hz, EHP4230: 230 V/50 Hz	
Capacity	0.82 l / min.	
Operating pressure	max. 700 bar	
Weight	28.3 kg	
Operating mode	70% power-on time	
Item	Part No.	
Electro-hydraulic pump, 115 V	<b>EHP4115</b>	
Electro-hydraulic pump, 230 V	<b>EHP4230</b>	
Scope of supply	Part No.	Page
Hydraulic hose, 3 m	HS23	489
Foot switch for electro-hydraulic pumps EHP 4 and HK 12/2 EL	FTA1	488
Accessories	Part No.	Page
Two-hand safety controller for pumps EHP 2 to EHP 4	ZST3	488
Hydraulic hose, 3 m	HS23	489
Hydraulic hose, 4 m	HS24	489
Hydraulic hose, 5 m	HS25	489
Hydraulic hose, 6 m	HS26	489
Hydraulic hose, 8 m	HS28	489
Hydraulic hose, 10 m	HS210	489
Transport trolley for electro-hydraulic pump EHP 4	TW150	487
Adapter Klauke sleeve to Greenlee plug	CMGSK	

## AHP 700-L Battery powered hydraulic pump, 700 bar



- ▶ Compact and lightweight design for mobile use
- ▶ High capacity

### Characteristics

- Select programme from crimping, cutting, and punching
- Housing from impact-resistant, fibreglass reinforced polyamide
- Large display for monitoring, diagnostics and setting the pump
- Two powerful, high-capacity Li-Ion batteries
- Automatic retraction when operation is complete
- Manual retract stop with „teach-in“ (MRS+) for positioning control for multiple crimps
- Remote control with cable for easy operation of the battery-operated pump
- Maintenance display via LED
- All hydraulic hoses have coupling plug and coupling sleeve, oil filled
- High wearing comfort with padded shoulder strap

### Suitable for

- Operates all single-acting Klauke crimping, cutting and punching tools with 700 bar operating pressure
- The connection to busbar machining centre
- The punching of busbars in conjunction with the LSK 120 with adapter CMGSK

### Additional information

- Also available in country-specific variants, Part Number appendix „C“

Technical data			
Battery voltage	18 V		
Battery capacity	2 x 4.0 Ah, Li-Ion		
Charging time	22 min.		
Weight incl. battery	(with two batteries) approx. 6.4 kg		
Ambient temperature	-12 °C to +40 °C		
Operating pressure	max. 700 bar		
Max. oil volume;	approx. 800 ml		
Dimensions	L x W x H: 330 x 160 x 280 mm		
Item	Part No.		
Battery powered hydraulic pump, 700 bar	<b>AHP700L</b>		
Scope of supply	Part No.	Quantity	Page
Makita battery 18 V / 4.0 Ah, Li-Ion	RAL40	2	484
Makita quick-charger for 18 V Li-Ion battery	LGL1	1	486
Hydraulic hose, 2 m, oil filled	HSOEL2	1	489
Carrying strap with shoulder padding	TG3	1	487
Carrying bag	TT2	1	194
Remote control with 1.5 m cable	HTA4	1	491
Accessories	Part No.	Page	
Hydraulic hose, 3 m, oil filled	HSOEL3	489	
Hydraulic hose, 4 m, oil filled	HSOEL4	489	
Hydraulic hose, 5 m, oil filled	HSOEL5	489	
Hydraulic hose, 6 m, oil filled	HSOEL6	489	
Hydraulic hose, 10 m, oil filled	HSOEL10	485	
18 V mains adapter for 230 V Voltage	NG2230	488	
Two-hand safety control for battery powered hydraulic pump AHP 700-L	ZST4	488	
Foot switch for battery powered hydraulic pump	FTA4	488	
Transport rucksack	TRAHP700L		
Variants	Part No.	Page	
AHP 700-L with transport rucksack	TRAHP700LSET		





## 767 Hydraulic hand pump



- ▶ Lightweight, portable hand pump
- ▶ Robust construction

### Characteristics

- All-purpose - works in every position
- Incl. mounting holes for work bench assembly

### Additional information

- In combination with punch cylinder 50170910 for all hole sizes

#### Technical data

Dimension 330 x 100 x 100 mm

Operating pressure max. 460 bar

Weight 2.7 kg

Item	Part No.	
Hydraulic hand pump 767	<b>50132849</b>	
Accessories	Part No.	Page
Hydraulic hose 6.4 mm dia. x 0.9 m	50383167	490

## 1725 Hydraulic foot pump



- ▶ Foot operation facilitates two-handed operation of round and special shaped punches

### Characteristics

- Lockable pedal for storage and transport
- All-purpose

### Additional information

- In combination with punch cylinder 50170910 for all hole sizes

#### Technical data

Dimension 400 x 200 x 150 mm

Operating pressure max. 460 bar

Weight 5.0 kg

Item	Part No.	
1725 Hydraulic foot pump	<b>50313533</b>	
Accessories	Part No.	Page
Hydraulic hose 6.4 mm dia. x 3 m	50377299	490

## RAL 1 Makita battery 18 V / 1.5 Ah Li-Ion (27 Wh)



### Characteristics

- No memory effect
- Extremely low self-discharge
- Low weight

### Suitable for

- Next Generation battery-powered hydraulic tools with Makita battery mounting

Technical data	
Battery voltage	18 V
Battery capacity	1.5 Ah
Charging time	With LGL1: 15 min.
Cell technology	Li-Ion
Weight	0.4 kg
Item	Part No.
Makita battery 18 V / 1.5 Ah, Li-Ion	<b>RAL1</b>

## RAL 2 Makita battery 18 V / 3.0 Ah Li-Ion (54 Wh)



### Characteristics

- No memory effect
- Extremely low self-discharge
- Low weight

### Suitable for

- Next Generation battery-powered hydraulic tools with Makita battery mounting

Technical data	
Battery voltage	18 V
Battery capacity	3.0 Ah
Charging time	With LGL1: 22 min.
Cell technology	Li-Ion
Weight	0.6 kg
Item	Part No.
Makita battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	<b>RAL2</b>

## RAL 3 Battery 18 V / 3.3 Ah Li-Ion (54 Wh)



### Characteristics

- No memory effect
- Extremely low self-discharge
- Low weight

### Suitable for

- Klauke safety cutter

Technical data	
Battery voltage	18 V
Battery capacity	3.3 Ah
Charging time	With LGL3: 60 min.
Ambient temperature	-20 °C to +40 °C
Cell technology	Li-Ion
Weight	0.6 kg
Item	Part No.
Battery 18 V / 3.3 Ah, Li-Ion (54 Wh)	<b>RAL3</b>



## RAL 40 Makita battery 18 V / 4.0 Ah Li-Ion (72 Wh)



### Characteristics

- No memory effect
- Extremely low self-discharge
- Light - same weight as the Makita 3.0 Ah battery

### Suitable for

- Next Generation battery-powered hydraulic tools with Makita battery mounting

Technical data	
Battery voltage	18 V
Battery capacity	4.0 Ah
Charging time	With LGL1: 36 min.
Ambient temperature	-20 °C to +40 °C
Cell technology	Li-Ion
Weight	0.6 kg
Item	Part No.
Makita battery 18 V / 4.0 Ah, Li-Ion	<b>RAL40</b>

## RAL 4 Makita battery 18 V / 5.0 Ah, Li-Ion



### Characteristics

- No memory effect
- Extremely low self-discharge
- Light - same weight as the Makita 3.0 Ah battery

### Suitable for

- Next Generation battery-powered hydraulic tools with Makita battery mounting

Technical data	
Battery voltage	18 V
Battery capacity	5.0 Ah, Li-Ion
Charging time	With LGL1: 45 min.
Ambient temperature	-20 °C to +40 °C
Cell technology	Li-Ion
Weight	0.6 kg
Item	Part No.
Makita battery 18 V / 5.0 Ah, Li-Ion (90 Wh)	<b>RAL4</b>

## RAL B1 EU Bosch battery 18 V / 2.0 Ah, Li-Ion



Technical data	
Battery capacity	2.0 Ah
Charging time	With LGLB1EU: 15 min.
Cell technology	Li-Ion
Voltage range	18 V
Weight	0.4 kg
Item	Part No.
Bosch battery 18 V / 2.0 Ah, Li-Ion	<b>RALB1EU</b>

## RAL B2 EU Bosch battery 18 V / 5.0 Ah, Li-Ion



Technical data	
Battery voltage	18 V
Battery capacity	5.0 Ah, Li-Ion
Charging time	With LGLB1EU: 45 min.
Cell technology	Li-Ion
Weight	0.69 kg
Item	Part No.
Bosch battery 18 V / 5.0 Ah, Li-Ion	<b>RALB2EU</b>

## RAML1 battery 10.8 V / 1.5 Ah, Li-Ion (16.2 Wh)



Technical data	
Battery voltage	10.8 V
Battery capacity	1.5 Ah
Cell technology	Li-Ion
Weight	0.3 kg
Item	Part No.
Battery 10.8 V / 1.5 Ah, Li-Ion (16.2 Wh)	<b>RAML1</b>

## NG2 mains adapter 18 V for 120 V or 230 V mains voltage



### Characteristics

- Temperature protection
- Current limiter
- Overload protection 250 V
- Cable lengths: 5 m

### Suitable for

- For all Klauke tools with 18 V all-mains sets - Makita version

Technical data	
Mains supply	120 V / 230 V
Voltage range	18 V
Weight	0.8 kg
Item	Part No.
18 V mains adapter for 120 V Voltage	<b>NG2115</b>
18 V mains adapter for 230 V Voltage	<b>NG2230</b>



## LGL 1 Makita quick-charger for 18 V Li-Ion batteries



### Suitable for

- Klauke Li-Ion Makita battery 18 V

Technical data	
Charging time	With RAL1: 15 min., with RAL2: 22 min.
Mains supply	230 V
Voltage range	18 V
Weight	1 kg
Item	Part No.
Makita quick-charger for 18 V Li-Ion battery	<b>LGL1</b>

## LGL 3 Makita quick-charger for 18V Li-Ion batteries



### Suitable for

- Klauke Li-Ion Makita battery 18 V

Technical data	
Charging time	60 min.
Mains supply	220 - 240 V
Voltage range	18 V
Weight	0.6 kg
Item	Part No.
Charger for 18 V Li-Ion batteries	<b>LGL3</b>

## LGL B1 EU Bosch charger for 18 V Li-Ion batteries



### Characteristics

- Charger for safety cutting unit batteries

### Suitable for

- 18 V / 3.30 Ah Li-Ion batteries

Technical data	
Charging time	With RALB1EU.:15 min, RALB2EU: 45 min.
Mains supply	230 V
Voltage range	18 V
Weight	0.65 kg
Item	Part No.
Bosch quick-charger for 18 V Li-Ion battery	<b>LGLB1EU</b>

### LGML 1 Charger for 10.8 V Li-Ion batteries, 230 V



**Suitable for**

- Klauke Li-Ion battery 10.80 V

Technical data	
Cell technology	Li-Ion
Mains supply	220 - 240 V
Voltage range	10.8 V
Weight	0.5 kg
Item	Part No.
Charger for 10.80 V Li-Ion batteries, 230 V	<b>LGML1</b>

### TW 150 Transport trolley for electro-hydraulic pump EHP 4



Item	Weight kg	Part No.
Transport trolley for electro-hydraulic pump EHP 4	8.7	<b>TW150</b>

### TG 3 Carrying strap with shoulder padding



**Suitable for**

- Battery powered hydraulic pump AHP 700-L

Item	Part No.
Carrying strap with shoulder padding	<b>TG3</b>





## Pumps

Accessories for hydraulic tools

### ZST 3 / ZST 4 Two-hand safety controls for pumps



#### Suitable for

- Pumps: EHP 4 and AHP 700-L

Item	Part No.
Two-hand safety controller for pumps EHP 2 to EHP 4	<b>ZST3</b>
Two-hand safety control for battery powered hydraulic pump AHP 700-L	<b>ZST4</b>

### FTA 1 / FTA 4 Foot switches for pumps



#### Suitable for

- Pumps: EHP 4, HK 12/2 EL, AHP 700-L

Item	Part No.
Foot switch for electro-hydraulic pumps EHP 4 and HK 12/2 EL	<b>FTA1</b>
Foot switch for battery powered hydraulic pump AHP 700-L	<b>FTA4</b>

### T 15 Special hydraulic oil



#### Characteristics

- Environmentally-friendly hydraulic oil, quickly biodegradable
- 5 l canister

#### Suitable for

- Hydraulic pumps, exception: Safety cutter

Item	Part No.
Special hydraulic oil	<b>T15</b>

## Hydraulic oil



### Characteristics

- Specially-developed for GREENLEE hydraulic tools

Item	Part No.
Hydraulic oil 3.8 l	<b>90510593</b>
Hydraulic oil 0.95 l	<b>90508068</b>

## HS 2 Hydraulic hoses



### Suitable for

- Hydraulic crimping and cutting systems and pumps
- For connecting to hydraulic pumps FHP 2, PHD 2, EHP 2, EHP 3, EHP 4, HK12/2 EL, HK 25/2 EL, AS 65 FHP, AS 105 FHP, HK 25/2, HK 45

Item	Part No.
Hydraulic hose, 2 m	<b>HS22</b>
Hydraulic hose, 3 m	<b>HS23</b>
Hydraulic hose, 4 m	<b>HS24</b>
Hydraulic hose, 5 m	<b>HS25</b>
Hydraulic hose, 6 m	<b>HS26</b>
Hydraulic hose, 8 m	<b>HS28</b>
Hydraulic hose, 10 m	<b>HS210</b>

## HS OEL hydraulic hose, oil filled



### Characteristics

- For connecting to battery-powered hydraulic pump AHP 700-L

### Additional information

- Also available in country-specific variants, Part Number appendix „C“

Item	Part No.
Hydraulic hose, 2 m, oil filled	<b>HSOEL2</b>
Hydraulic hose, 3 m, oil filled	<b>HSOEL3</b>
Hydraulic hose, 4 m, oil filled	<b>HSOEL4</b>
Hydraulic hose, 5 m, oil filled	<b>HSOEL5</b>
Hydraulic hose, 6 m, oil filled	<b>HSOEL6</b>
Hydraulic hose, 10 m, oil filled	<b>HSOEL10</b>



## Pumps

Accessories for hydraulic tools

### Hydraulic hose 6.4 mm dia. x 3 m



#### Characteristics

- Filled with hydraulic oil

#### Suitable for

- Hydraulic foot pump 1725

Item	Part No.	
Hydraulic hose 6.4 mm dia. x 3 m	<b>50377299</b>	
Scope of supply	Part No.	Page
Hydraulic hose, 3 m	90525159	
Coupler plug	90541693	
Dust cap	90541707	

### Hydraulic hose 6.4 mm dia. x 0.9 m



#### Characteristics

- Without hydraulic oil

#### Suitable for

- Hydraulic hand pump 767

Item	Part No.	
Hydraulic hose 6.4 mm dia. x 0.9 m	<b>50383167</b>	
Scope of supply	Part No.	Page
Hydraulic hose, 0.9 m	50063022	
Coupler plug	90541693	
Dust cap	90541707	

### KST 2 Coupler



#### Characteristics

- Including adapter

#### Suitable for

- Hydraulic crimping and cutting systems and pumps

Item	Part No.
Coupler plug	<b>KST2</b>

## KMF 1 Coupler for crimping and cutting heads



### Characteristics

- KMF 1: For connecting to hydraulic crimping/cutting heads: PK 18, PK 22, PK 120/42, PK 120 U, PK 25/2, PK 45, PK 60 VP, PK 60 VP/FT, PK 60 UNV, THK 18, THK 22, THK 120, SDG 45, SDG 50, SDG 55, SDG 85/2, SDG 105, SDK 65, SDK 85, SDK 105, SDK 120
- Includes barrel nipple
- With 1/4" connection (external thread)

Item	Part No.
Coupler for crimping and cutting heads with barrel nipple	<b>KMF1</b>

## DNP 2 Barrel nipple



### Suitable for

- To connect and to extend hydraulic hoses HS 2

Item	Part No.
Barrel nipple	<b>DNP2</b>

## HTA 4 remote control for hydraulic pump



### Suitable for

- Battery powered hydraulic pump AHP 700-L

Item	Part No.
Remote control with 1.5 m cable	<b>HTA4</b>

# EFFORTLESS OPERATIONS.

Safety, ergonomics and reliability – these quality features are a given in day-to-day work. Klauke hand tools are designed for this very purpose.





# Hand tools

<b>VDE tools</b>	<b>494</b>
Pliers	496
Screwdrivers	500
Assortments and sets	503

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<b>Standard tools and accessory</b>	<b>507</b>
Water pump pliers, fitting pliers	508
Electronic / precision mechanic's tools	509
Bits, holders and adapters	510
Assortments and sets	512
Measuring and marking	515
Basic tools	517
Tool cases	520

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<b>Wire stripping tools</b>	<b>524</b>
Wire stripping tools	525
Stripping tools	528

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<b>Stripping tools for communication technology</b>	<b>530</b>
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