



Electro-hydraulic cable cutters

| | | | | | | |
|-------|---------|------|--|----------------|--|--|
| Ø 40 | Ø 52 | Ø 85 | | | | |
| 60 kN | 700 bar | 180° | | LI-ION 18V 3Ah | | |



**„AS6-40“
Art. 216422**



**„AS6-52“
Art. 216424**



**„AS6-85“
Art. 216428**



**„SAS6-85“
Art. 216430**



1. Technical data

| | |
|----------------------|---|
| Area of application: | Separating copper and aluminium cables, telecommunication cables |
| Feed rate: | 2 speeds: Closing (fast) feed to bring the blades to the cable to be separated and working feed for cutting. Switching between the two speeds is carried out automatically. |
| Safety: | The cable cutters are fitted with a safety value that has been set at the factory. |
| Structure: | The cutting heads can be rotated by 180° to make it easier to adapt to the operation to be carried out. The cable cutters do not protect the operator when working on cables that carry power. |
| Equipment: | Dual-piston pump |
| Guarantee: | 2 year guarantee if used for the purpose it is intended |

2. Area of work

| | |
|-----------------------------------|---|
| Pressing force: | 216422: 6,5 kN / 216424: 6 kN / 216428: 6 kN / 216430: 12 kN |
| Cutting range: | 216422*: \emptyset bis 40 mm Cu/Al/ACSR |
| | 216424: \emptyset bis 52 mm Cu/Al/ACSR |
| | 216428*/216430: \emptyset bis 85 mm Cu/Al |
| Cutting time: | 6 sek. |
| Battery charging time in minutes: | 60 min. |
| Battery type: | 18 V / 3,0 Ah |
| Working pressure in bar: | 700 bar |
| Length: in mm: | 216422: 385 / 216424: 385 / 216428: 385 / 216430: 550 |
| Weight set in bag: | 216422: 8,1 kg / 216424: 8,5 kg / 216428: 9,0 kg / / 216430: 9,0 kg |

*(not for steel wired armoured cable)

3. Short description

Preparation:

Before starting up the tool, always read the operating instructions.

All current-carrying elements in the area you are working in should be disconnected.

Otherwise the protective procedures for working in the vicinity of components under current must be implemented. (DIN EN 50110)

Do not use the tool if you are tired or under the influence of medication, drugs or alcohol.

Take into account the valid accident prevention and safety regulations and use the tool exclusively for the purpose for which it is intended.

Only electro-technically trained persons over 16 years of age may process connecting materials using the tool.

The operating instructions must always be carried with the tool.

The instructions must have been read and understood by the user.

The operator must ensure that this is the case.



Operating:

- The device has a manual return that brings the piston back to the starting point when the maximum cutting force (separation of the cable) has been achieved.
- The device is equipped with a dual piston pump characterised by fast feed and slow working hub.
- The pressing head can be infinitely rotated by 180° about the longitudinal axis. This enables mounting even in difficult to access locations.

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4. Notes regarding correct use

Before you start work, all active, thus current-carrying elements in the area around the assembler must be switched to without power. If this is not possible, protective procedures for working in the vicinity of components under current must be implemented. The charge status of the battery should be checked before you start work.

5. Removing and inserting the battery

Hold the tool firmly and press the battery release button to remove the battery.

ATTENTION:

Never short-circuit the battery.

Inserting the battery

Insert the battery until it clicks into place. Make sure the poles are facing the right way



Charging

Before using the tool, charge the battery as follows: Connect the cable of the charger to a socket (AC).

Inserting the battery into the charger

Insert the battery firmly, as shown in here until it touches the bottom of the charging compartment.

ATTENTION:

If the battery is inserted incorrectly, it will not only not be charged, it may also damage the charger (e.g. by bending the terminals/short-circuiting).

Charging

When you insert a battery into the charger, the battery is charged and the charging light.

When the battery is fully charged, the charging indicator shows 100% and a beep.

Remove the battery immediately and disconnect the charger from the mains.



Attention!

Please remove the battery during transport and after usage – because of avoiding deep discharge!

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Li-ion Battery & Charger Instruction



Li-ion Batterie

| | |
|--------------|----------|
| Voltage | 18 V |
| Weight | 0,380 kg |
| Length | 120 mm |
| Width | 70 mm |
| Height | 80 mm |
| Capacity(Ah) | 3Ah |
| Charge time | 60 min. |

Charge(for Li-ion)






| | |
|---------|-------------|
| Voltage | 110V / 220V |
| Weight | 0,430 kg |
| Length | 175 mm |
| Witdh | 90 mm |
| Height | 80 mm |








Permitted only on stabilized power sources!

Li-Ion Battery Manual Instruction

Panel Description:

1. Connect power shows  ,
2. Fully charged, it shows  and comes beeping every 3 seconds.
3. Unusual working == Too low voltage shows  and comes a beeping every second.
4. Unusual working == Unusual temperature shows  , and comes a beeping every second.
5. The voltage is not rising after 10 minus charged. The battery is charged incompletely. The battery is faulty, showing  and coming beeping every 2 seconds by a second.

Specification:

1. The input power is external power DC24V 3A.
2. The charge voltage is 24V 2.5A.
3. When plug in the power, the panel shows  and comes a beeping.
4. Uninstall the battery, the panel shows  and twinkles every second.
5. Detect the battery voltage first and shows battery capacity rate when install battery.
6. When battery charged completed, the panel shows  and comes beeping every 3 seconds.
7. When the voltage is too low, the panel shows  and coms a beeping every second.
8. When the temperature is too high, the panel shows  and comes a beeping every second.
9. The maximum charge time is 70 minutes. After 70 minutes, the charger will stop charging regardless the battery is charged completed.
10. The full charged voltage for 18V Li-Ion battery is (5*4.3=21.5v); the voltage for 14.4V Li-Ion is (4*4.3=v17.2v) (reference valve). The battery is coming with a protective plate which will stop charging automatically when charged completely.
11. The lowest battery voltage for 18V Li-Ion battery is (2.9*5=14.5v); and the 14.4v is (2.9*4=11.6v).
12. It will stop charge when the battery temperature is higher than 65 degree centigrade.
13. The usual temperature for battery is between -20° to 65° centigrade when a fan is applied. The fan working voltage is 12V.
14. Under 90% battery capacity will carry in adding per 5%. Over 90% battery capacity will carry in adding per 1%.

6. Care and maintenance

Cleaning

- Careful cleaning of the tool, in particular, the moving parts contributes towards a longer useful life. Remember that dust, sand, environmental influences, in particular a high salt index, and dirt in general are extremely damaging to hydraulic tools.
- Particular care should be taken when cleaning the pump drive piston and the piston. The tiniest of contaminations may scratch the walls of the cylinder and damage the leak-proof seals. For the correct cleaning of the piston, we recommend extending the piston and then cleaning it with a high-quality, non-corrosive solution.

Power switch

Check to see whether the switch on the machine automatically pops out again when you release it.

7. Diagnosing faults

Before you carry out any work on the tool, ensure that it is no longer connected to the power supply.

CAUTION! If you have a problem that is not listed in the table below, contact your local technical customer support service for assistance.

Always use original replacement parts. Other parts may seriously damage the tool and will void the guarantee.

If the tool still does not work correctly, send it to the nearest repair service for specialist maintenance and fine tuning, or send an email to: info@haupa.com

WITH EVERY REPLACEMENT PART ORDER, INCLUDE THE FOLLOWING INFORMATION:

- 1) Article number.
- 2) Article description.
- 3) Reference to the operating instructions and/or date.
- 4) Tool type.
- 5) Serial number of the tool.

The guarantee is voided if you use parts that are not original replacement parts from HAUPA.

EC declaration of conformity HAUPA factory certificate

Remscheid, 23.03.2016

Product: Battery hydraulic cutting tools
Product range: Around the cable
Art. no.: 216418; 216419; 216422; 216424; 216428; 216430

Note: These tools are used for cutting unarmoured CU / AL cables.
Art. no. 216418, 216424, 216430 can additionally also separate armored cables.
The tools are not isolated and it is forbidden to work under tension.

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Herewith we declare that the above mentioned tools are manufactured according the following guidelines:

CE guidelines 98/37/EEC, 89/336/EEC



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Qualitätsmanagement



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Produktmanagement