



Electro-hydraulic cable cutters



**„AS6-40“
Art. 216422**



**„AS6-52“
Art. 216424**



**„AS6-32“
Art. 216426**



**„AS6-85“
Art. 216428**



**„SAS6-85“
Art. 216430**

1. Technical data

Area of application:	Separating copper and aluminium cables, telecommunication cables
Oil type:	ISO class viscosity 15
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 / 216426: 12 kN / 216428: 6 kN / 216430: 12 kN

Cutting range:	216422*: Ø bis 40 mm Cu/Al/ACSR
	216424: Ø bis 52 mm Cu/Al/ACSR
	216426*: Ø bis 32 mm Cu/Al
	216428*/216430: Ø bis 85 mm Cu/Al

Cutting time: 6 sek.

Battery charging time in minutes: 60 min.

Battery type: 14,4 V / 3,0 Ah

Working pressure in bar: 700 bar

Length: in mm: 216422: 385 / 216424: 385 / 216426: / 216428: 385 / 216430: 550

Weight set in bag:: 216422: 8,1 kg / 216424: 8,5 kg
216426: 8,1 kg / 216428: 9,0 kg / / 216430: 9,0 kg

*(not for steel wired armoured cable)

	Tools						
Part number:	216418	216419	216426	216422	216424	216428	216430
Type:	SAS6ST-20	SAS6-32	AS6-32	AS6-40	AS12-52	AS6-85	SAS6-85
Diameter:	20	32	32	40	52	85	85
Head:	swivel	open	open	swivel	swivel	swivel	swivel
Output force:	6	6	6	6	12	6	6
Immediately motor-stop:	●	●	●	●	●	●	●
	Material						
Copper:	20	32	32	40	52	28	85
Aluminium:	20	28	28	40	52	46	85
Underground cable:	•	•	•	40	52	50	85
Telephone cable:	•	•	•	•	52	85	85
ACSR:	20	•	•	28	32	•	•
Wire rope:	15/16/20	•	•	25	52	•	•
Soft steel bar:	13	•	•	20	25	•	•
Steel wired armoured cable:	•	•	•	•	52	•	85
Lead sheathed cable:	•	•	•	•	52	46	85

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.

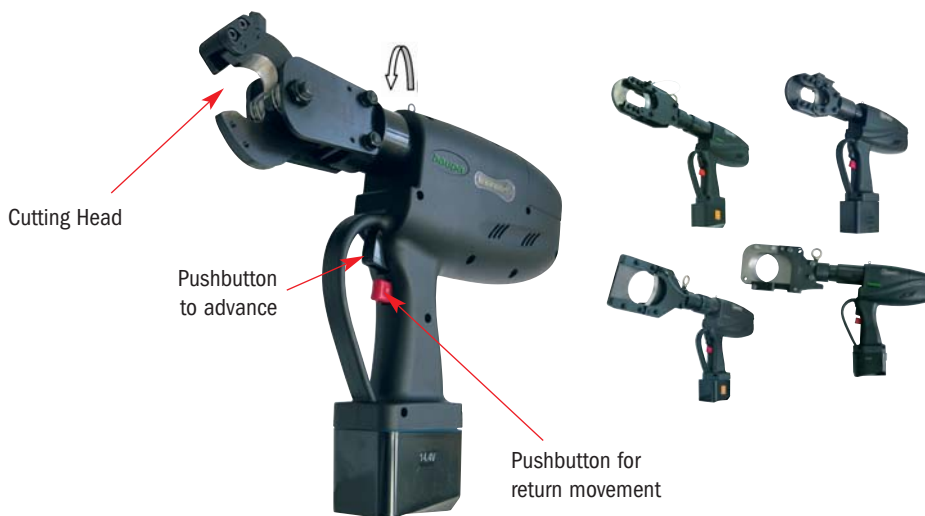
Take into account the valid accident prevention and safety regulations and use the tool exclusively for the purpose for which it is intended.

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

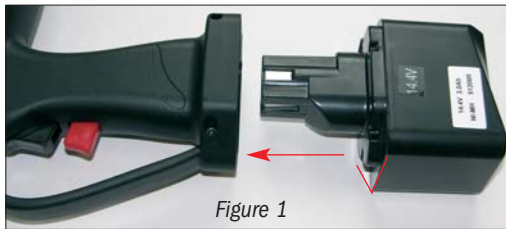
Hold the tool firmly and press the battery release button to remove the battery.

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). As soon as the charger is connected to the power supply, the red LED will light up.

Inserting the battery into the charger

Insert the battery firmly, as shown in *Figure 2* shown here, until it touches the bottom of the charging compartment.



ATTENTION:

If the battery is inserted incorrectly (*Figure 1*), 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 will start charging and the green control light will also light up.

When the battery is fully charged the green control light will flash.

If the yellow control light comes on, the battery is overheating. Remove the battery immediately and disconnect the charger from the power supply.

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.



Turn off the cap and fill in the oil on demand

Filling level of the oil tank

Ensure that the oil level is always sufficient. Do not fill the tank with unsuitable oil or brake fluid. Oil type: VESTA HLP-15 from VERKOL or an oil of a similar quality. Remove the tank lid and top up the oil. The oil must be filtered first. If necessary, purchase the required oil from the HAUPA service centre (Art. 216254).

Storage

To prevent damage to the tool as a result of bumps, dust etc. you should if possible store the tools in the original packaging.

Oil level

The oil level in the tank should be checked at regular intervals, in particular, when it has been used for a long time and topped up whenever necessary.

Oil filling

This process should only be carried out by an authorised technician.

Important: The hydraulic oil must be filtered, have an ISO viscosity class of 15 and a viscosity index of 100 and correspond to the standards AFNOR NFE 48603-HM and ISO 6743/4 L-HM.

WARNING NOTES!

A natural working position is required in order to operate the tool correctly, thus the handle must point downwards.

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.

PROBLEM	POSSIBLE CAUSE	SOLUTION
The tool does not move, moves slowly or jumpily forwards	Air in the system	Hold the pressing head upright and press the operating buttons for feed and the release valve simultaneously for around 10 seconds
	Oil level low	Fill oil in accordance with the instructions above
	Cylinder piston jammed	Check the cylinder for damages. Contact info@haupa.com
	Leaks on the installed pump	Contact info@haupa.com
The tool does not move, only partially or moves slowly	Air in the system	Bleed as described above
	Return spring damaged or other damage to the cylinder	Contact info@haupa.com
Oil loss at piston	O-rings damaged	Contact info@haupa.com
Crimp process is not completed or does not return to the basic position	Battery is not sufficiently charged, therefore there is not sufficient hydraulic energy to release	Insert the replacement battery. Ensure that the replacement battery is always charged. CAUTION: Pushing the operating button too firmly may cause damage to the release valve.

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.