



**Battery powered cutting tool**

**„AS6ST-20“  
Art. 216418**



## 1. Technical data

Area of application: Separating copper and aluminium cables, telecommunication cables.  
Scope of delivery: 1 cutting tool, 1 charger, 1 battery, 1 carry loop.  
Safety: The cable cutters are fitted with a safety value that has been set at the factory.  
Guarantee: 2 year guarantee if used for the purpose it is intended.

## 2. Cutting range

Cutting force kN:	60 kN
Working pressure in bar:	700 bar
Cutting width Ø: 32	6 sek.
Battery charging time in minutes:	30
Battery type:	Li-Ion 18 V
Akkukapazität:	1,5 Ah
Length in mm:	520
Weight:	4,4 kg

- 6 tonnes of cutting force for maximum performance
- Motor stop. The feed is stopped immediately the operating switch is released.  
No post-travel of the piston
- 180 degree rotating cutting head. Can thus be mounted even in places that are difficult to access
- Manual return enables shorter process cycles and saves battery capacity
- The manual return enables the operator to bring the piston back to the starting point in the event of a faulty cutting
- The two button operation ensures logical, simple and quick single-handed operation.
- The tool is supplied with 1 Li-Ion battery, 1,5 Ah and a quick charger.

### 3. Introduction:

Before using the tool for the first time, ensure you read these operating instructions.

All current-carrying parts in the working area are to be switched to without power.

Otherwise, protective precautions for working in the vicinity of power-carrying parts must be made. (DIN EN 50110)

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

Take account of the valid accident prevention and safety regulations and, please, only use the tool for the intended purpose.

Only persons aged 16 and above who are trained in electrical devices may use this tool to process connection material.

The operating instructions must always be carried with the tool.

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

The operator must ensure that this takes place.

#### Operating the tool

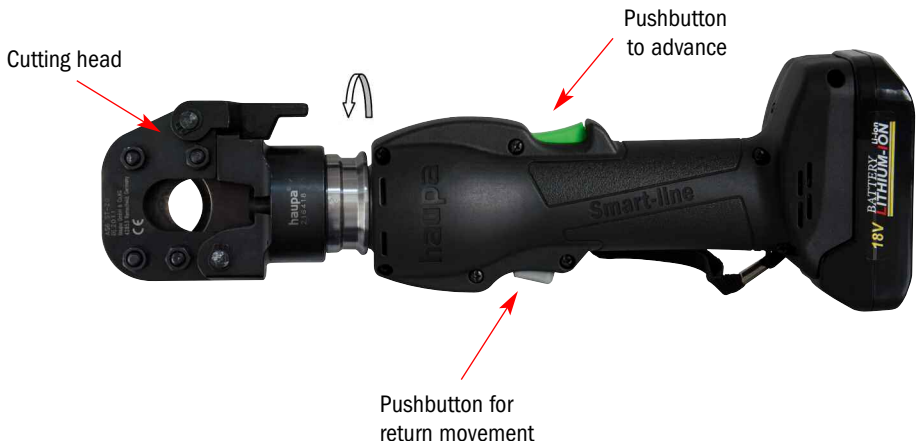
Pressing the reset button returns the blades to the starting position in the event of a fault or emergency.

#### Caution

The cutting process can be interrupted at any time by releasing the operating switch.

#### Explanations regarding the application area

The cutting device can be used to cut both armoured copper and aluminium conductor cables up to a maximum external diameter of 32 mm.



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No power-carrying parts may be cut. The tool is not insulated.

The handheld tool may not be clamped and is not suitable for stationary use.

The tool is not suitable for continuous operation. After carrying out around 30-40 cuts after one another, a break of about 15 minutes should be taken to allow the tool to cool down.

If used too intensively, overheating may cause damage to the tool.

Sparks may be generated when operating electrical motors. These may, in turn, set light to combustibles or explosive materials.

The electro-hydraulic cutting tool may not be used in heavy rain or under water.

## 4. 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	50 mm
Capacity(Ah)	1.5 Ah
Charge time	30 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  and comes beeping every 3 seconds.
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 comes 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  $(5 \times 4.3 = 21.5\text{V})$ ; the voltage for 14.4V Li-Ion is  $(4 \times 4.3 = 17.2\text{V})$  (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  $(2.9 \times 5 = 14.5\text{V})$ ; and the 14.4v is  $(2.9 \times 4 = 11.6\text{V})$ .
12. It will stop charge when the battery temperature is higher than 65 degree centigrade.
13. The usual temperature for battery is between  $-20^\circ$  to  $65^\circ$  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%.

## 5. 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.

### Maintenance note

The device must be cleaned after each use and stored in a dry place. Both the battery pack and the charger must be protected from damp and foreign objects.

The device must be sent for maintenance annually!

The preventive maintenance is for your safety. Within the framework of proper use, the customer may only change the cutting blades.

### Tool seal

The seal may not be damaged. If it is damaged the guarantee is voided. Please only use the HAUPA service centre for the checking of your tool and for any necessary repairs.

### Very slow feed of the piston:

Air in the hydraulic system.

Hold the head upright and simultaneously operate both operating switches for 10 seconds in neutral. As soon as the air has escaped from the hydraulic system, the feed speed and the pressure are secured again.

### 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.

### Guarantee:

2 year guarantee when used for the purpose it is intended when the annual maintenance intervals are maintained by an authorised HAUPA service centre. We reserve the right to rework the product.

### Faults:

Loss of oil:

Send to the HAUPA service centre. Do not open!

**Disposal:**

...in accordance with the scope of validity of the European WEEE (2002/96/EU) and RoHS directives (2002/95/EU). Batteries must be disposed off separating according to the battery directive.

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.