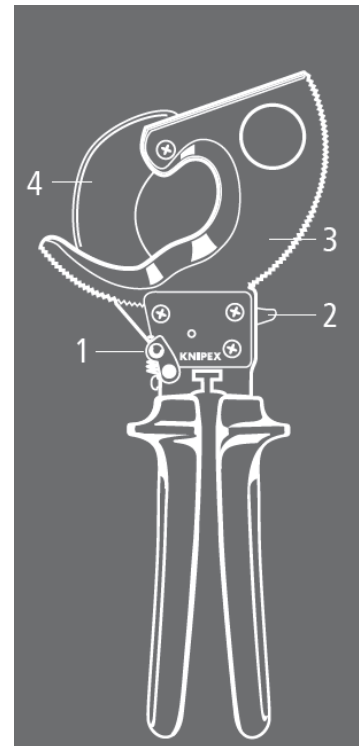


Instruction manual

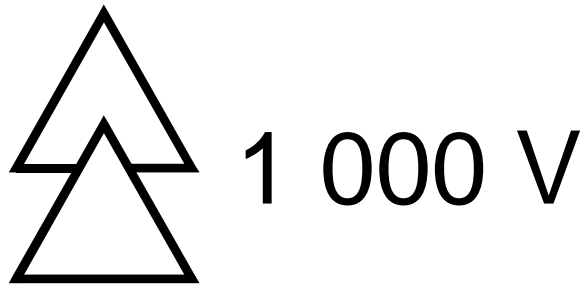
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Funktionen:

- **Releasing of handles:**
 - To release the handles, push locking lever (1) sideways.
- **Cutting cables:**
 - Cutting cables: place cables onto fixed blade (4) and position the sickle blade (3) onto cable until slight pressure is felt.
 - The rate of cut will vary depending on the type of material being cut:
 - To cut at the maximum rate open and dose the handles to the maximum spread. This allows the blade to move two steps per Operation.
 - To cut at a slower rate open the handles halfway and then dose. This allows the blade to move one step per Operation.
- **Unlocking of the sickle blade:**
 - To release the sickle blade, close handles, push retaining latch (2) upwards with handles closed. **CAUTION: The retaining latch may be live.**
 - Allow the handles to open by the action of the opening spring.
 - The blade can be moved forward and backwards now.
- **Applications:**
 - For cutting copper and aluminum cable and multi-core cable.
 - Not suitable for cutting steel cable, ACSR, wire ropes, aluminum hard alloy and hard drawn copper conductors!
- **Maintenance:**
 - Keep gearing clean and free from excessive oil and dirt.
 - Occasional light oiling of the joints extends the life of your cable cutter considerably



1 000 V

General:

- This cable cutter meets the requirements for insulated tools according to DIN EN 60 900 or IEC 60 900.
- Working live or near electrical voltage does not become safe by the use of insulated tools only.
- Working activities in electrical installations must only be carried out by specially trained persons who are familiar with the basic hazards of working live and who are aware of the necessary safety precautions that go beyond the insulation of the tools.
- The relevant requirements can be found, for example, in DGUV Vorschrift 3, DGUV Vorschrift 4, DIN VDE 0105-100, DIN VDE 1000-10, EN 50110-1 or NFPA 70E.
- Before each use, the insulation of the handles must be visually inspected for possible damage.
 - If there is any damage that causes any doubt concerning the safety of the hand tool, the tool cannot be used any longer and must be excluded from service immediately.

Cutting cables in electrical installations:

When cutting cables in electrical installations, the 5 safety rules for working on electrical installations must be observed:

- 1. disconnect;**
- 2. Secure against being switched on again;**
- 3. determine absence of voltage;**
- 4. earth and short-circuit;**
- 5. Cover or isolate neighbouring live parts.**



- In addition to the use of an insulated cable cutter, insulating gloves according to IEC 60903 and must be worn. An approved face shield should be worn to protect against unexpected electric arcs.
- When cutting, the cable cutter must only be handled by gripping the insulated handles below the slip guard.

Cutting live / hot cables:

If a cable must be cut that could be electrically live or is known to be electrically live, additional measures are required, at least the following:

- Additional insulating gloves according to IEC 60903 must be worn (e.g. 98 65 xx)
- Approved site insulation is necessary (e.g. 98 67 20)
- An approved face shield must be worn to protect against unexpected electric arcs
- Clothing worn must have adequate arc protection
- Conductors in multi-conductor cables must first be separated and then cut individually. Necessary clearance for the emerging sickle blade must be guaranteed.
- Live ends must be covered immediately after cutting e.g. with slip-on or self-clamping sleeves, for example KNIPEX article no. 98 65 xx and 98 66 xx

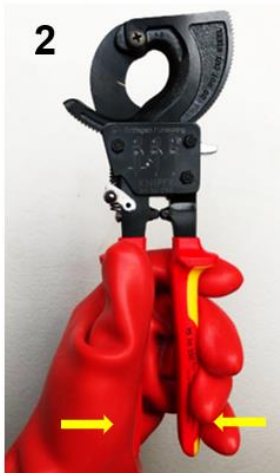


- When cutting, the cable cutter must only be held by the insulated handles below the slip guard.
- If a cut has to be interrupted, use suitable insulating, insulated or hybrid pliers according to IEC 60900 / DIN EN 60900 to operate the retaining latch (2) and to pull out the sickle blade (3), e.g. the insulating gripping pliers KNIPEX No.: 98 62 01

Unlocking the transport mechanism of the sickle blade while cutting live/ hot cables:



Be protected by certified insulating gloves with the appropriate insulation class for the voltage working on. Wear approved safety goggles and/or face shield. Use the KNIPEX 98 67 20 stand mat to insulate the construction site.



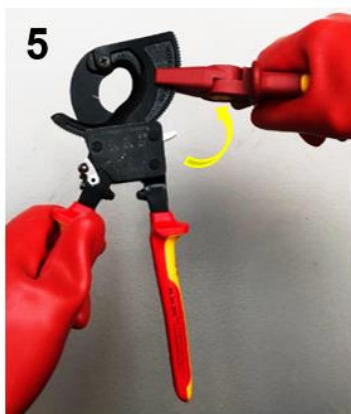
Close the handles of the cable cutter



With the handles held closed, press the retaining latch (2) upwards with the insulating or hybrid pliers.



With the **retaining latch (2) pressed**, open the handles / allow the handles to open by spring action.



The **sickle blade (3)** is now free and can be pulled out of the cable either by pulling the cable cutter back from the cable or by pulling the sickle blade out of the cable with **insulated / insulating or hybrid pliers**.