Remote controlled hydraulic spiking and cutting tool

**USE CONDITIONS**

- **SPIKING** cable to check and ensure the absence of voltage not tension on LV and MV underground cables before cutting them
  - LV cable up to 3x500mm² with reinforced steel wire
  - MV cable up to 3x500mm² with reinforced steel wire

  The spiking of the multipolar cable Enables the user to limit any resulting short circuit to a single-phase / ground fault when spiking multi core cables. This causes any protective devices to trip before a 2 or 3 phase fault can be created.

- **CUTTING** after spiking operation in full safety

  MAX cable diameter : Ø140mm

**STANDARD**

According to NFC 18510

**BENEFITS**

- Operating from a minimum distance of 8 meters, protecting the operator in the event of a live cable being spiked
- Damage to infrastructure is minimised when spiking as a single phase to earth fault is created using a dedicated, local 70mm² copper earthing cable.
- The spiking blade is designed to allow good drainage of shorts circuits
- Electronic locking of the tool if the battery power is not enough
- Compact design, robust and easy to use
- More security for the user : Indictor LEDs during the spiking and cutting operation
- Double hydraulic over-pressure safety valve
- Cutting failure sensor
- Blades closure sensor

**SPECIFICATIONS**

- **Cutting head**
  - Dual-stage hydraulic jack
  - Nominal pressure : 700 bars
  - Flexible copper earthing braid of 2 meters long. Section 70mm²
  - Cutting blades made of reinforced heat treated steel specifically engineered to cut cable
  - Manual lever for opening and closing the blades
  - Max cutting capacity : up to 140 mm outer diameter
  - Can cut armored cable : up to 4mm diameter steel wire
  - Maximum section : 3 x 500 mm² copper
  - Cutting force : 21 000 Kg
  - Dimensions L x W x H : 678x188x320 mm
  - Weight : 20 kg

- **Remote control (868MHz)**
  - Powered by 1.5 V battery (AAA)
  - Encoded radio (Single encoding)
  - Range up to 150 meters
  - Indication of cutting progress (LED)

*Document not contractually binding, errors and omissions excepted.
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SPECIFICATIONS

- Plastic box with wheels:
  Storage box in foam lined compartmentalized containing all the equipment for the C.A.T. (Checking Absence of Tension)
  - Spiking and cutting tool
  - Earthing flexible braid & earthing rod
  - 2 batteries 24V
  - 1 fast charger
  - Keys dismantling blades and earthing braid
  - 1 blade removal tool
  - 1 cleaning brush
  - 2 straps for fixing gallery. Length : 2m
  - 1 flash protective mat : 0.7m x 1m
  - Procedure
  - External dimensions L x W x H : 687 x 528 x 376 mm
  - Total weight : 42kg
  - Wheel weight : 12kg

- Power:
  - Voltage : 24V 3Ah
  - Battery level with LED indication
  - 20 Cut capacity

- Charger:
  - Fast Charger
  - 220V

Reference Designation Cutting Capacity Total Weight

| PICOUP-400 | Safety cable spiker and cutter | Ø 140 mm | 42 kg |

Warranty : 2 years

Non-contractual document