



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



- **Control box**
 - Power cable : 5m
 - Powered by 24V battery
 - Light for checking Battery condition



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

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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



Warranty : 2 years



Reference	Designation	Cutting Capacity	Total Weight
PICOUP-400	Safety cable spiker and cutter	Ø 140 mm	42 kg

Non-contractual document

MOS industrie

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