

mos
industrie

PICOUP[®] 400

HYDRAULIC SPIKING AND CUTTING TOOL

LV cables & MV cables



MADE IN
FRANCE



THORNE &
DERRICK
INTERNATIONAL

Thorne & Derrick
+44 (0) 191 410 4292
www.powerandcables.com



Functions

- SPIKING cable to check and ensure the absence of voltage on LV and MV underground cables
- CUTTING after spiking operation in full safety
- TOTAL SECURITY for the USER
According to NFC 18510

Uses

- 2 actions combined into one single tool (spiking and cutting)
- Enables the user to limit any resulting short circuit to a single-phase / ground fault when spiking multi-core cables. This cause any protective devices to trip before a 2 or 3 phases fault can be created
- In the event of spiking a live cable, the blade can be replaced easily
- No physical connection between the tool and the user
- Damage to infrastructure is minimised when spiking as a single phase to earth fault is created using a dedicated, local 70mm² copper earthing cable
- Cutting Failure sensor
- Indication on the remote at the end of cutting operation
- Hydraulic over-pressure safety valve
- Battery charge status indicator
- Prevents the start of cutting if the battery is low

Specifications

- Cutting capacity : diameter 140 mm
- Metal armour : round wires 4mm
- Cutting force : 21 000kg
- 24V DC operation
- Autonomy : 20 cuts
- Dimensions L x W x H : 678x188x320 mm
- Weight : 20 Kg

Electric connector,
with locking cap, positioned
on the top of the tool
for a better protection



**Compact & ergonomic design, the PICOU 400
is robust and easy to use**



TOOL

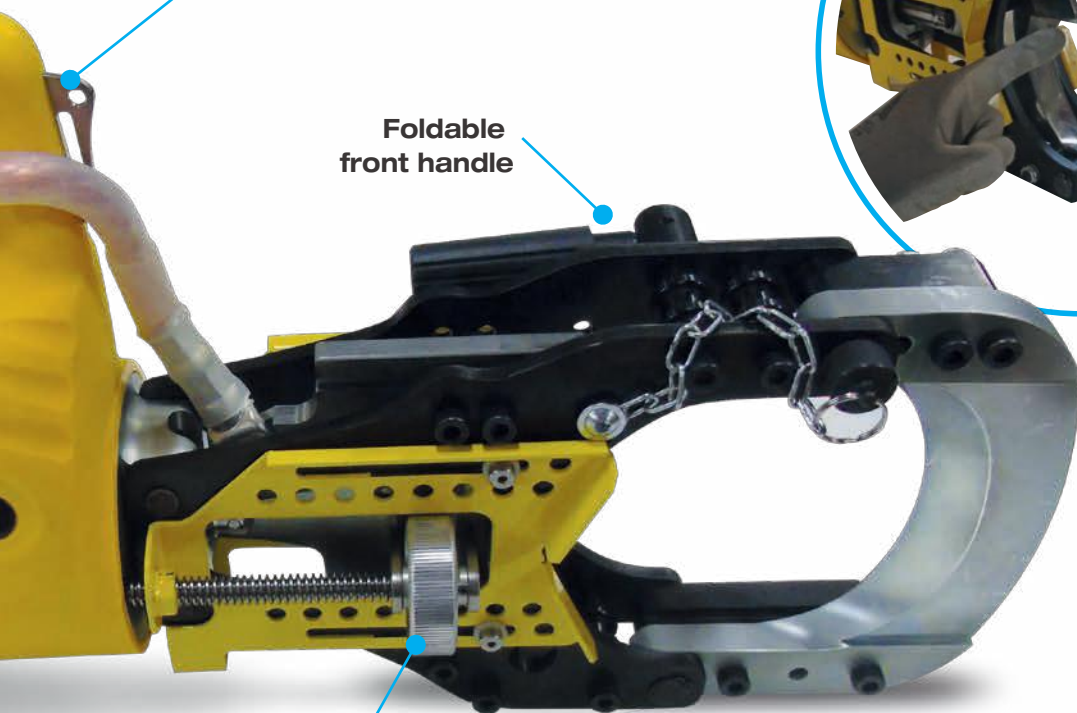


Dual effect
hydraulic selector

Reinforced
and rustproof blade
and spike
(52HRC)

3 fixing points

Foldable
front handle



Rotating handle

Positioning tool on cable



Functional and easy
to use remote control
Range: up to 150 m



- 20 years of expertise in safety cutting tools for cable identification
- 2000 satisfied customers
- 40 accidents avoided each year



Indication of the cycle status
& the end of the procedure
on the remote control

Packaging

- Hydraulic spiking and cutting tool with flexible copper cable and earthing rod
- 2 x 24V batteries and quick charger
- Blade removal tool
- 1 spare blade
- 2 straps for gallery work. Length = 2 m
- Flash protective mat 0,7 m x 1m
- Heavy duty waterproof case with laminated operating instructions
- Carrying strap
- External dimensions :
L x W x H : 687 x 528 x 376 mm
Total weight : 42kg



Trolley box

Trolley box with rugged wheels.
Foam lined case with compartments
for better storage and transport.

Warranty 2 years

Factory tests : 10.000 cycles

Reference	Description	Cutting capacity
PICOU-400	Safety cable spiker and cutter	Ø 140 mm



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