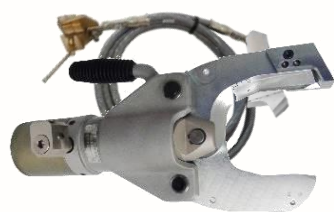




POWER CABLE CUTTERS SAFETY COMFORT RANGE

→ SPCCEP



USE

Electrohydraulic cable cutters to check absence of voltage on underground power cables.
Use on the following cables:

Outside diameter	Total conductor cross section	Round wire steel armour	Steel strip armour	Flat wire steel armour
Up to 120 mm	From 6mm ² to 630 mm ²	Up to Ø 2 mm	Thickness up to 2 mm	Thickness up to 2 mm

ADVANTAGES

- Remote controlled cable cutter to check absence of voltage.
- Maximum conducted short-circuit current (Ph-G) : 25kA/1s (or 18kA/0.5s).
- Grounding of the cutting head and / or hydraulic pump.
- Energy via standard 24 V 3 Ah battery.
- Robust & light, aluminum structure and treated steel blades.
- Aluminum earthing cables for easy transport.
- Compact electrohydraulic pump with automatic double speed (fast approach / work).
- Hydraulic hose 700 bar insulation up to 60kV certified, flexible, Kevlar reinforced with anti-pinch sleeves.
- 3 cutting heads 80, 100 and 120 mm interchangeable with the pump, Integrated carrying handles, balanced weight, for use mainly on networks protected by fuses.
- A 100 mm cutting head with pick for use on networks protected by circuit breakers. The pick creates a phase-to-earth fault on one of the 3 phases cut simultaneously. Avoids short circuits between phases generating more damage to the installations.
- Eliminates the need of cartridge powered or manual cable spikers prior the cutting operation.
- No physical link with the tool = optimal security for the user. Cable cut at a distance of 8m and more with the remote control to protect the user from the effects of a live cut. Bluetooth remote control range 25 m. Possible use of a smartphone (Android app).
- Quick connection couplings with captive dust caps.
- Waterproof tarpaulin transport bags with wide shoulder straps and storage pockets.



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ELECTRICAL SAFETY PRODUCTS



MAIN TECHNICAL CHARACTERISTICS



SPCC80NEPB	SPCC100SEPB	SPCC120WEPB	SPCCS100SEP

Characteristics of cables to be cut:

- Copper conductors	Y	Y	Y	Y
- Aluminum conductors	Y	Y	Y	Y
- Round wire armour (diameter)	N	1mm	2mm	1mm
- Flat wire armour (thickness)	N	1mm	2mm	1mm
- Strip armour (thickness)	N	1mm	2mm	1mm

Fault following network protection:

- Fuses		Three-phase fault		Three-phase fault
- Circuit breaker		Three-phase fault		Single-phase fault

Earthing cables:

- Ph - G SCI 14kA/0.5s - 10kA/1s (section mm²)	70 Al	70 Al	70 Al	95 Al
- Ph - G SCI 25kA/0.5s - 18kA/1s (section mm²)	/	120Al	120Al	120Al

Cutting head:

- Maximum cutting diameter (mm)	80	100	120	100
- Weight (kg)	8.5	9.5	9.5	9.5
- Dimensions (mm)	415x89X220	435x90x250	580x90x175	435x90x250
- Cutting blade hardness (Hrc)	45	50	50	50
- Anti-corrosion treatment of the blades	Oil hardened	Zinc plating	Oil hardened	Zinc plating
- Main material	Steel	Steel	Steel	Steel

Electrohydraulic pump:

- Interchangeable battery (BOSCH)	24v 3Ah	24v 3Ah	24v 3Ah	24v 3Ah
- Weight (kg)	5	5	5	5
- 2-speeds approach/cut (l/min - mm/s)	1.3/0.4 - 4/1	1.3/0.4 - 4/1	1.3/0.4 - 4/1	1.3/0.4 - 4/1
- Pressure gauge	Y	Y	Y	Y
- Blade reopening lever	Y	Y	Y	Y
- Oil volume (ml)	300	300	300	300

Remote control:

- Indicative transmission distance / battery	25m / CR2032			
- Radio frequency	Bluetooth 2.4 ghz (possible use of a smartphone – Android app)			
- Indicator lights (flashing / fixed)	Green led (radio ok / end of Dead proof) Red Led (- / battery charge too low)			

Hydraulic power:

- Hydraulic pressure (bar)	700	700	700	700
- Cutting force (ton)	8	9.6	13	9.6
- Coupler connection	Y	Y	Y	Y
- Rotary adapter	N	Y	N	Y
- Type Mechanical hose with metal reinforcement	N	N	N	N
- Type Insulating hose with Kevlar reinforcement	Y	Y	Y	Y

Hydraulic Couplers:

- Couplers CEJN 115	Y	Y	Y	Y
- Couplers CEJN 117	Y	Y	Y	Y
- Couplers EDF	Y	Y	Y	Y

Packaging / miscellaneous:

- Hard case with wheels	N	N	N	N
- Transport bags (cutting head / pump)	2 bags	2 bags	2 bags	2 bags
- Operating temperature (°C)	-20/50	-20/50	-20/50	-20/50
- Total weight with 5m hose in transport bags (kg)	21.5	22.5	22.5	22.5
- Total dimensions in transport bags (mm)	730x450x400	730x450x400	730x450x400	730x450x400

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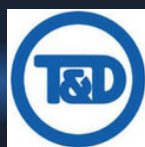
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► COMPONENTS AND ACCESSORIES

Cutting head 80 mm	Cutting head 100 mm	Cutting head 120 mm
		
Ref. : SXC80N-S	Ref. : XC100S-S	Ref. : XC120W-S
Cutting head 100 mm with Pick	Electrohydraulic pump	Remote control
		
Ref. : SXC100S	Ref. : BH700	Ref. : PHE71RADIOTEL
Insulating hydraulic hose	Battery	Battery charger
		
Ref. : FHI	Ref. : BATTERIE24V3	Ref. : CHARGEUR220/24
Earthing cables	Earth stake in T	Earth stake
		
Ref. : MALT-AL	Ref. : PIQTER-500-T	Ref. : PIQTER-500

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Coupler 115	Coupler 117	Coupler EDF
		
Ref. : CM5 /CF5	Ref. : CM7/CF7	Ref. : CME/CFE
Cutting head transport bag	Electro-hydraulic pump transport bag	XC100 cutting blades protection
		
Ref. : EASYBAGXC	Ref. : EASYBAGBH	Ref. : TCC100-HOUSSE

▶ COMPOSE YOUR SPCCEP CABLE CUTTERS SETS

Cutting head	Pump	Hydraulic hose	Couplers	Packaging
XC80N-S	BH700	FHI015 (l=1.5m)	CEJN 115 (M5 / F5)	B (bags x 2)
XC100S-S		FHI030 (l=3m)	CEJN 117 (M7 / F7)	
XC120W-S		FHI050 (l=5m)		
SXC100S*		FHI100 (l=10m)	EDF (ME / FE)	

▶ COMPOSE YOUR SUB-ASSEMBLIES

To order 1 sub-assembly, associate the type of couplers required with its reference. Examples :

- Cutting head XC80N-S + coupler (male as a standard) CEJN 115 = XC80N-M5
- Mechanical hose of 5m length FHI050 + couplers CEJN 117 = FHI050-7
- Electrohydraulic pump BH700 + coupler (female as a standard) EDF = BH700-FE

* Sold only with electro-hydraulic unit BH700 (single-phase fault guarantee)

▶ COMPLETE PRE-COMPOSED SETS

Reference	Cutting head	Pump	Hydraulic hose	Packaging
SPCC80NEP-030-5B	XC80N-S-M5	BH700-F5	FHI030-5	B (bags x 2)
SPCC100SEP-050-5B	XC100S-S-M5	BH700-F5	FHI050-5	B (bags x 2)
SPCC120WEP-030-5B	XC120W-S-M5	BH700-F5	FHI030-5	B (bags x 2)
SPCCS100SEP-030-5B	SXC100S-M5	BH700-F5	FHI030-5	B (bags x 2)

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