



Cable sheath cutter



Specially engineered for professional stripping of the outer sheath of Low/Medium/High Voltage cables having a minimum outer diameter of 25mm (for round cutting only) and outer sheath thickness up to 5mm. This robust sheath removal tool has a reversible cutting blade, when one end is blunt, the blade is turned and the other end can be used.

Technical Characteristics

- The tool has been designed after consultation with users so as to provide both longitudinal and circumferential cutting. Cutting can be made from the cable end or from an intermediate point
- The depth of cut is adjustable by the operator from 0 to 5mm, in steps of 0.1mm
- The unique blade system has a minimum hardness of 48HRC
- The blade is specially formed with a guiding piece to ensure the selected depth is maintained throughout the cut
- A lever on the tool rotates a knurled wheel, which grips the sheath so as to drive the blade through the toughest sheath material
- The precise control of the cut ensures that the screening layers are not damaged when the sheath is removed
- The tool can be used at low temperatures down to -10°C when sheaths may be impossible to remove with other tools (244500)
- Fully insulated version - 1000V maximum working (EN60900) (244510)
- Designed for low temperature use (-40°C)

Part number	Description	Weight (g)
244500	Cable sheath cutter in plastic box, including one interchangeable blade (244501)	300
244510	Fully insulated version – 1000 V max. working (EN60900)	350
244501	Interchangeable Blade	40

Cable sheath cutting pliers



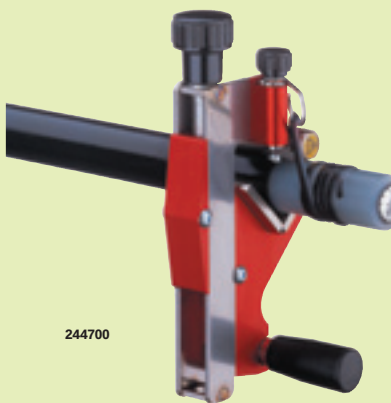
Designed to strip outer sheaths with thicknesses from 0.5 to 5mm of LV/MV cables with diameters from 16 to 54mm. Used on live parts up to 1000V AC and 1500V DC.

Technical Characteristics

- For cutting and removal of the outer sheath of low voltage cable
- This tool was specially developed for safe and easy circumferential and longitudinal cutting
- The longitudinal section can be cut without risk of injury due to the ratchet system.
- Colour coded, easy exchangeable plastic rings limit the cutting depth in 0.5mm steps from 0.5mm up to 5mm
- Fully insulated to EN60900 - 1000V maximum working
- Supplied in protective plastic case with foam padding
- Set includes cutting pliers, cutting wheels, plastic rings, ratchet handle and case

Part number	Description	Weight (g)
244800	Cable sheath cutting plier set	980
244801	Replacement cutting wheel set	75
244802	Replacement ratchet handle	100
244803	Replacement set of plastic rings	50

Shaver - for bonded semi-conductive screen



244700



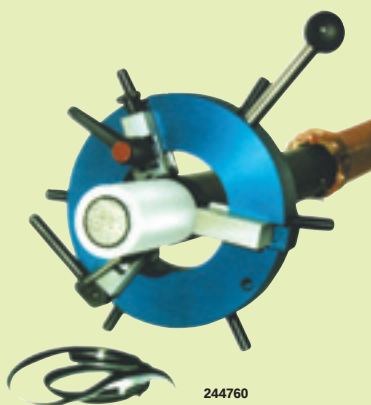
244100

Designed to remove the vulcanised semi conductive layer from cross-wired polyethylene (XLPE) MV cables with diameters from 10 to 52mm.

Technical Characteristics

- The tool has been designed for ease of use. To begin shaving just position the tool at the point where you want to start, adjust the depth of cut and then move the tool around the cable using the handle
- The stripping operation can be started from the cable end (approx. 25mm of screen will not be stripped) or from an intermediate point (approx. 4mm of screen will not be stripped)
- A small handle activates and de-activates the axial advancing
- A pin indicates the direction of advancement
- The tool guarantees a smooth finish without irregularities after shaving and guarantees a high quality chamfered edge ready for jointing
- The tool can be used on cables from 10 to 52mm diameter
- The depth of cut is adjustable from 0 to 1.5mm in steps of 0.1mm without the need of additional tools and can also be limited or locked
- The minimum blade hardness is 55HRC and is easily replaced by using a 3mm Allen key
- Operational down to -10°C
- Very small rotation diameter (max 200mm)
- Complies to EN10020

Part number	Description	Weight (g)
244700	Shaver for bonded semi-conductive screen <i>(supplied in plastic case)</i>	1345
244701	Replacement blade for 244700 (17°)	5
244702	100g tube Silicone Paste for use with 244700	100
244703	Replacement blade for 244700 (8°)	20
128930	Replacement plastic case for 244700	100
244710	Set consisting of : 244700 / 244702 / 128930 + Instructions	1445
244100	Preparation Kit for 11kV-XLPE Insulated Cable - <i>(in plastic case)</i>	2510
KIT CONTAINS: 244500 / 244501 / 244700 / 244701 / 244702 / 125200 / 130095 / 130185 / 130300 / 130000		



244760

Two universal tools for the removal of the semi-conductive layer (bonded-vulcanised type) on medium/high voltage XPLE insulated cables. The tools are equipped with a spring-loaded sliding block, which compensates for oval shaped cables. The tool stops shaving when it reaches a selected stop point on the cable. The cutting blade is designed in such a way to ensure a smooth finish without irregularities.

Technical Characteristics

- Shaving starts directly at the cable end
- Cutting depth of blade is adjustable
- Automatic feed
- Spring loaded cutting blade to allow for oval shaped cables
- Adjustable from 16-40mm Ø (244750) or 34-60 mm Ø (244760)

Part number	Description	Weight (g)
244750	Shaver for bonded semi-conductive screen 16 to 40mm Ø	1000
244730	Stop Rings set of 10 (244750)	190
244760	Shaver for bonded semi-conductive screen 34 to 60mm Ø	1300
244735	Stop Rings set of 8 (244760)	150
244740	Plastic carry case for p/n 244750/244760	1200
244745	Replacement blade for p/n 244750/244760	20
244702	Tube Silicone paste for use with 244750/760	100

Cable sheath & insulation removal tool



GB - M20

Technical Characteristics

- One tool – two functions
- Removes outer sheath and also XLPE insulation
- 2 Types GB-M20 - 15 to 50mm Ø and GB-M30 - 32 to 70mm Ø
- Both tools give quick, safe and precise cutting

Part number	Description	Weight (g)
GB-M20	Cable sheath cutter & insulation removal tool - cable range 15-50mm Ø	1000
GB-M20/S5	Replacement set of plastic rollers (GB-M20)	200
GB-M20/S6	Set of spare blades (5), 8mm cutting depth (GB-M20)	50
GB-M20/S8	Set of spare blades (5), 10mm cutting depth (GB-M20)	50
GB-M20/S9	Plastic insert to cut VPE Insulation	30
GB-M30	Cable sheath cutter & insulation removal tool – 32-70mm Ø	1200
GB-M30/S5	Replacement set of plastic rollers (GB-M30)	200
GB-M30/S6	Set of spare blades (5), 8mm cutting depth (GB-M30)	50
GB-M30/S8	Set of spare blades (5), 10mm cutting depth (GB-M30)	50

Insulation removal tool *for MV Cables*



244230



244230

Designed to remove the primary insulation of 6 to 45kV cables with outside diameters from 15 to 52mm and up to 15mm insulation thicknesses.

Technical Characteristics

- Longitudinal and circular cuts
- Small handle to activate/deactivate axial advancing
- Designed to strip both ends
- Depth adjustment from 0 to 15mm
- Unlimited stripping length
- Interchangeable blade
- Very small rotation diameter (max 220mm)
- Complies to EN10020

Set Comprises:

- Insulation Removal tool for MV cables
- 2.5mm Allen Key
- Tube of silicone grease
- Rigid Case

Part number	Description	Weight (g)
244230	Set : Insulation Removal Tool for MV Cables (275 x 220 x 65mm)	300
244231	Interchangeable Blade	350
244702	Silicone Paste	40

Insulation stripper for 11/20kV cables



Specially engineered for professional stripping of EPR or XLPE insulation on medium/high-voltage copper or aluminium single core cables. Suitable for cross sections from 25 to 300mm²

Technical Characteristics

- The tool comprises of a T-handle (with a built in length adjustment mechanism) various interchangeable stripping inserts for different voltages and cross sections (see table below) additional size available on request
- The connection between the T-handle and the stripping insert is by means of a bayonet cap, therefore without need of additional tooling
- The tool is designed for single handed operation and allows simple and accurate stripping of cables
- The stripping length can be adjusted in 2mm steps from 20 to 100mm by means of the screw housed in the handle. The chosen stripping length is visible on a scale in the body of the handle
- Each stripping insert contains a cutting blade designed and positioned to strip easily and precisely the EPR or XLPE and the semi-conductive layer in contact with the core. The insulation is removed without damaging the core
- Once the stripping operation is complete, the surface is uniform, and the length cut away is corresponding to the chosen stripping length on the scale previously set (tolerance +/- 2mm)
- The minimum blade hardness is 50HRc
- The stripping operation can also be carried out at low temperature (-10°C)
- The blade is replaceable by means of a screwdriver

Part number	Description	Weight (g)
I25200	T-handle with adjustable stripping length	220
I30009	Stripping insert 11kV/95mm ²	80
I30018	Stripping insert 11kV/185mm ²	80
I30030	Stripping insert 11kV/300mm ²	80
I30070	Stripping insert 20kV/70mm ²	80
I30095	Stripping insert 20kV/95mm ²	80
I30120	Stripping insert 20kV/120mm ²	80
I30150	Stripping insert 20kV/150mm ²	80
I30185	Stripping insert 20kV/185mm ²	80
I30240	Stripping insert 20kV/240mm ²	80
I30000	Replacement blade for stripping insert	10

Cable jointers inspection mirror



A useful aid for inspection of cable joints in confined areas

Technical Characteristics

- Mirror manufactured from plastic
- Rubber moulded casing for easier handling
- Manufactured from non-conductive materials

Part number	Description	Weight (g)
JM1	Cable jointers mirror 125 x 100mm	90

Cable knives



288700



C99



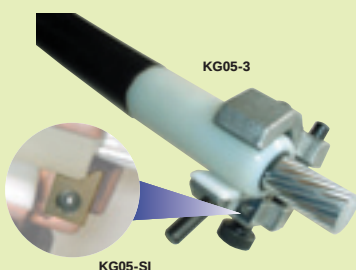
486501



104050

Part number	Description	Blade
288700	Insulation Removal Cable Knife - 1000V insulated	40mm Curved
C99	Cable Knife - curved blade	70mm Curved
486501	Cable Knife - straight blade	75mm Straight
104050	General Stripping Cable Knife - 1000V insulated	50mm Straight

Insulation chamfering tool



This tool removes the square edge on XLPE insulation to avoid damage to push-on termination joints

Technical Characteristics

- Suitable for round MV cables up to 300mm²
- For cable diameters from 15 to 40mm

Part number	Description	Weight (g)
GB-KG05-3	Chamfering tool Ø 15-40mm	200
GB-KG05-SI	Replacement blade	20

Insulation chamfering tool



Designed for chamfered cuts in primary insulation (Ø 15-60mm) of MV cables

Technical Characteristics

- Can carry out chamfered cuts in primary insulation (2 x 45°)
- Positioning on the cable with a clamp system
- Tool fitted with PTFE plates ensuring optimal sliding on the cable without the use of silicone paste
- Replaceable blade
- Rotation diameter max 200mm

Part number	Description	Weight (g)
244240	Insulating Chamfering tool Ø 15-60mm	390
244242	Replacement blade	20

Consac sheath cutting tool



Designed to cut the aluminium sheath on Consac cable to facilitate jointing and terminating

Technical Characteristics

- The tool provides safe and accurate cutting of the sheath without the risk of cutting the live inner conductor
- Exact cutting depths are achieved when using the different size cutting wheels
- "T" handle is available to assist the operation of the tool
- Consac Sheath Punch is available in two 2 sizes – 7 or 10 mmØ
- Complete sheath cutting kit in plastic case available on request
- Insulated Sheath Lifters, two types available – all plastic or coated metal (see picture)
- Insulating Shrouding kit available – details on request



Part number	Description	Weight
936-MK3	Consac Sheath Cutter MK3	1900
936-MK4	Consac Sheath Cutter MK4	2000
936-AK	Allen Key for MK3/MK4 Cutter	10
936-TB	T-bar for MK3/MK4 Cutter	160
936-WP	Replacement wheel pin for MK3/MK4 Cutter	30
936-PPMK3	Replacement set of plastic pads (2) for MK3 Cutter	35
936-PPMK4	Replacement set of plastic pads (2) for MK4 Cutter	35
CS90/DB76	Plastic case to hold MK3 sheath cutter and accessories	700
936-HP7	Consac Hole Punch 7mm	700
936-HP10	Consac Hole Punch 10mm	700
103107	Insulated Consac Sheath Lifter (metal)	350
103108	Insulated Consac Sheath Lifter (all plastic)	50



Cutting Wheels

Part No.	Cutting Depth	Markings	Cable Size	Weight (g)
936-1001	0.9mm	0.9mm	70mm ²	35
936-1002	1.1mm	1.1mm 70mm ²	70mm ²	35
936-1003	1.6mm	1.6mm	-	35
936-1004	3.0mm	3.0mm	-	35
936-1005	1.7mm	1.7mm 185mm ²	185mm ²	35
936-1008	1.04mm	1.04mm 95mm ²	95mm ²	35
936-1009	1.51mm	1.51mm 185mm ²	185mm ²	35
936-1011	1.4mm	1.4mm 120mm ²	120mm ²	35
936-1012	2.0mm	2.0mm 300mm ²	300mm ²	35

Stripping tool for peelable semi-conductive screen



Designed for the removal of peelable semi-conductive screen on cold stripping MV and HV cables.

Technical Characteristics

- The set is comprised of the tool itself, a stop-clamp and 100g tube of silicone paste in a plastic case
- The tool is safe and easy to use and allows the stripping of semi-conductive layer in different shapes: round stripping, longitudinal stripping and spiral stripping. To facilitate the different operations of positioning, stripping, rotating and removing, the tool is provided with suitable holding points
- The direction of the cutting blade (indicated by an arrow) can be adjusted also when the stop-clamp has already been fixed onto the cable

- The tool is suitable for cables having diameters from 16 to 41mm
- The incision depth can be adjusted from 0 to 0.9mm with 0.1mm steps without the need for additional tooling (max. incision 2mm)
- The minimum blade hardness is 52HRC
- The blade can be replaced, using a screwdriver. After replacement the position of the incision depth can be adjusted without need of tooling
- The start of the longitudinal incision can be done in exact correspondence with the circumferential one
- The positioning and fixing of the stop-clamp is assured by the pressure of the built-in spring
- Complies with EN10020

Part number	Description	Weight (g)
244400	Stripping set for peelable semi conductive screen (3 piece)	400
244410	Stripping tool for peelable semi-conductive screen	100
244411	Stop clamp for use with 244410	75
244412	Replacement blade for 244410	10
244702	Silicone paste for use with 244410	100

Insulation removal tool for CCC(blx) overhead cable



Specially designed for the accurate removal of the outer insulation on compacted covered conductor (CCC).

Technical Characteristics

- Compact design – simple to use
- Adjustable stripping length, from 15 to 80mm
- Accurate stripping – no damage to the conductor, even leaves swellable tape intact
- Handle extension available to give max. 230mm stripping length
- Developed after consultation with a major U.K. Power company
- Other size stripping inserts on request

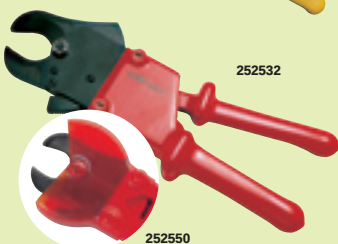
Part number	Description	Weight (g)
244350	Standard stripping tool handle – stripping length 15 to 80mm	150
244352	Extended 2-part handle – stripping length 140 or 240mm	300
244355	Stripping insert – 50mm ² /11kV – CCC	75
244356	Stripping insert – 120mm ² /11kV – CCC (2.3mm thick insulation)	75
244357	Stripping insert – 120mm ² /11kV – CCC (3.3mm thick insulation)	75
244351	Replacement blade for 244355/356/357	10

Ratchet cable cutters



Technical Characteristics - Standard version

- Single handed operation
- 100,000 times proven ratchet system
- Blade is released by a small lever at any time
- Ideal for areas of restricted access
- Replacement blades and parts available on request
- Only for use on copper or aluminium cables



Technical Characteristics - Insulated Version

- Fully insulated to EN60900 - 1000V maximum working
- Single handed operation
- Blade is released by opening the handles at any time
- Ideal for areas of restricted access
- Replacement blades and parts available on request
- Only for use on copper or aluminium cables
- Insulating blade cover available

Part number	Description	Length	Cutting Capacity	Weight
252032	Single handed ratchet cutter	330mm	32mm Ø / 250mm ²	800
252532	Insulated Single handed ratchet cutter	310mm	32mm Ø / 250mm ²	1000
252550	Insulating Head Cover			100

Depth gauge saw - fully Insulated



Technical Characteristics

- For cables with sheet steel / aluminium sheathing
- Adjustable cutting depth
- Replaceable blade
- 14 tpi blade for soft materials / 24 tpi blade for sheet metal
- Fully insulated to EN60900 - 1000V maximum working

Part number	Description	Weight
430302	Fully Insulated Depth gauge saw (supplied with 24tpi blade)	140
430801	Replacement saw blade 14 tpi	6
430805	Replacement saw blade 24tpi	6

Cutting tools



Universal Knife with built in blade cover

- With standard blade (thickness 0.65mm)
- Fully insulated
- With built in blade cover

Part number	Description	Length	Blade
281500	Universal Knife	185mm	Interch. 50mm
281501	Interchangeable Blade	50mm	-



Cable Knife with Ceramic Blade

- For stripping cables
- Fully insulated
- With built in blade cover
- High cutting capacity

Part number	Description	Length	Blade
281550	Cable Knife with Ceramic Blade	185mm	Interch. 46mm
281551	Interchangeable Blade	46mm	-

Specialist Scissors



Electricians' Scissors with LED warning

- The permanent built-in LED warning light is designed to warn the user of any live voltage presence
- The presence of voltage is indicated by a well visible red LED and detected from a distance before contact with live connection
- Working temperature -10/+50°C, rel humidity 20/90%
- Working range 50-1000V AC
- Requires 2 interchangeable batteries type LR41 1.5V
- ATTENTION: The integrated electronics does not work on shielded cables

Part number	Description	Length	Blade Shape
272014	Electricians' Scissors with LED warning	140mm	Straight



Electricians' Scissors

- Two component handles
- Impact absorbing inserts
- Ergonomic, light and extra durable
- High cutting performance

Part number	Description	Length	Blade Shape
272012	Electricians' Scissors	140mm	Straight



Safety Box for Scissors

- Protective, impact resistant, resin case
- With turning safety clip
- Suitable for scissors mentioned above



Part number	Description	Length
272015	Safety box for Scissors	12 x 7mm

Insulated cable shears

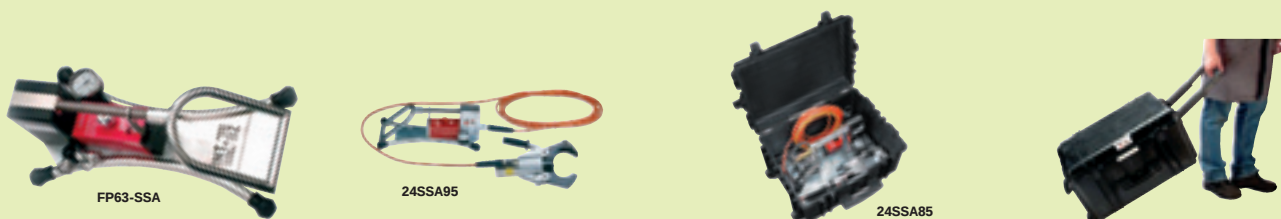
Description of Insulated Cable Shears

The insulated cable cutter is a device for safe cable cutting when the cable may be live and the absence of tension cannot be checked with complete safety. Such a check is particularly difficult in metallic screen cables. Therefore, before proceeding with any cutting operations, it is essential to take adequate measures to guarantee the operator's safety. One such measure is the use of an insulated cable cutter. This device which conforms to DIN EN 50340 (VDE 0682 part 661) – is made up essentially of a hydraulic pump and a cutting head to which a high pressure non-metallic hose (10.5m long) is connected.

Field of Application

According to paragraph 6 section 2 of the safety regulations "Electric Systems and Materials" (BGV A 2, ex VGB 4) and paragraph 6.2 of EN 50110 standard (VDE 0105 part 100) before carrying out any work on grounding systems for voltages up to 30kV the absence of tension must be guaranteed for the entire duration of the operations. As it is not always possible to make sure it is not under tension at the point of operation, especially for earthing cables, it is essential to avoid the problem by cutting the cable with a special insulated cable cutter and at the same time carrying out a check at the point of interruption, eg by checking at the main switchboard.

Insulated cable shears with pedal pump



For safe cutting of copper and aluminium cables up to the maximum allowed diameter for the head being used (see table).

Technical Characteristics

- Light and compact structure owing to light alloys and corrosion resistant materials used
- Fast feed by double hydraulic cylinder
- Manual return in any position
- Pressure control by pressure gauge
- Rotary quick coupling with dust cap
- Operating pressure: 625bar (62.5MPa)
- Low pressure delivery rate: 28.6cm³ / stroke
- High pressure delivery rate: 2cm³ / stroke
- Usable quantity of oil: 500ml
- Cutting force generated: 100kN
- Operating temperature: -20°C to +40°C

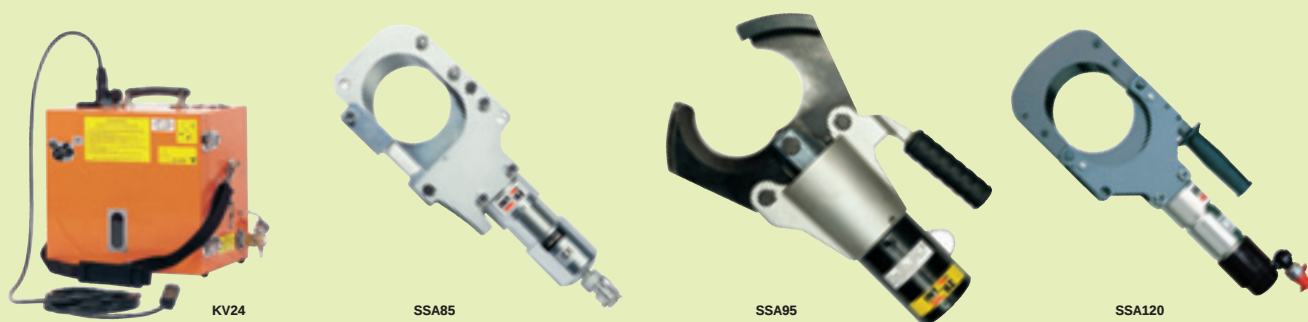
Part number	Description	Dimensions	Weight (approx)
24SSA85	* Set: 24SSA 85mm	640 x 520 x 365mm	33kg
24SSA95	* Set: 24SSA 95mm	640 x 520 x 365mm	37kg
24SSA120	* Set: 24SSA 120mm	640 x 520 x 365mm	41kg
24SSA85-lose	24SSA85 without case	-	16kg
24SSA95-lose	24SSA95 without case	-	19kg
24SSA120-lose	24SSA120 without case	-	20kg

* Set equipment comprises: • Pedal Pump – FP63-SSA

- Hydraulic cutting head (85, 95 or 120mm) with high pressure hose length 10.5m
- Plastic case with integral handle and wheels for easy transportation of entire equipment
- Steel insert for transporting the equipment without the case

Pedal Pump FP63-SSA +10.5m high pressure hose	+ Cutting Head 85mm	+ Cutting Head 95mm	+ Cutting Head 120mm
Description	24SSA85	24SSA95	24SSA120
Cutting Diameter	85mm	95mm	120mm
Operating Pressure	625bar (62.5MPa)	625bar (62.5MPa)	625bar (62.5MPa)
High Pressure Hose	Length 10.5m	Length 10.5m	Length 10.5m
Drive Component	Pedal Pump FP63	Pedal Pump FP63	Pedal Pump FP63
Packaging	Rigid Box	Rigid Box	Rigid Box

Insulated cable shears with battery operated pump



Suitable for cutting copper or aluminium wires of various diameters, depending on the cutting head used (see below)

Technical Characteristics

- Battery voltage 24V
- Electronic remote control
- Pressure control by pressure gauge
- Automatic return to the initial position on completion of the cutting operation
- Internal battery charger with charge indicator
- Quick coupling with dust cap
- Operating pressure: 625bar (62.5MPa)
- Delivery rate: 0.5l/ min
- Battery voltage: 24v
- Battery capacity: 14.4Ah
- Motor power: 370W
- Degree of Protection: IP43
- Operating temperature: -20°C to +40°C

Part number	Description	Dimensions	Weight (approx)
KV24	Insulated cable shears (without cutting head)	450 x 230 x 360mm	ca. 28kg

Equipment

- Battery-operated electro-hydraulic pump
- Electronic remote control
- Mains supply cable

Part number	Description	Dimensions	Weight (approx)
24PS85-SSA	Cutting head 85mm	540 x 230 x 360mm	ca. 33kg
24PS95-SSA	Cutting head 95mm	540 x 230 x 360mm	ca. 37kg
24PS120-SSA	Cutting head 120mm	540 x 230 x 360mm	ca. 41kg

Battery operated pump KV24	+ Cutting Head 85mm	+ Cutting Head 95mm	+ Cutting Head 120mm
Description	SSA85	SSA95	SSA120
Cutting Diameter	85mm	95mm	120mm
Operating Pressure	625bar (62.5MPa)	625bar (62.5MPa)	625bar (62.5MPa)
High Pressure Hose	Length 10.5m	Length 10.5m	Length 10.5m
Drive Component	Battery operated pump	Battery operated pump	Battery operated pump
Packaging	Aluminium box	Aluminium box	Aluminium box

High temperature sheeting



- Composed 98% of silicone oxide (amorphous SiO₂)
- Suitable for use for temperatures up to 1260°C (melting temp above 1600°C)
- Non toxic product
- Free of asbestos and other hazardous products

Part number	Description	Dimensions
24HSD1	High temperature sheeting	1800 x 1800mm
24HSD2	High temperature sheeting	1200 x 900mm
24HSD3	High temperature sheeting	450 x 600mm

Damp testing saucepan



A must for all cable jointers when damp testing paper insulation on cables.

Technical Characteristics

- Small and easily transported
- Lockable lid to prevent spilling
- Use with paraffin wax pellets
- Thermometer fits in lid so that the saucepan lid can remain on when the wax is heating up
- Supplied with inner basket to remove any waste material in the wax

Part number	Description	Weight (g)
800-100	Damp testing saucepan with inner basket and clip on lid	800
135-140	1kg bag of wax granules to go in saucepan	1000
800-813	Probe thermometer 0-250°C, supplied in plastic wallet	100

Torque limiting screwdriver



Mainly used by cable jointers where a specific torque setting is required on cable connectors or clips

Technical Characteristics

- Preset values from 1 to 13.6 NM
- 1/4" square drive - male
- Supplied in plastic wallet
- Sockets available on request
- Recalibration service available

Part number	Description	Weight (g)
1015900	Torque limiting driver - preset from 1 to 13.6 NM (please state required torque setting when ordering)	350

Insulation hole cutting tool



This tool cuts and removes a 4mm dia. piece of insulation and holds it inside the shaft of the tool. The piece of insulation can be put back in the hole when testing is completed

Technical Characteristics

- 4mm diameter cut is made in the insulation
- Eliminates the need to puncture the insulation with a test probe
- Provides a safe and precise measuring point
- Reduces risk of misreading and damage to the testing devices
- Fully insulated to EN60900 - 1000V maximum working

Part number	Description	Weight (g)
284300	Insulation hole cutting tool	90



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Issue CPT2/07/10/06