



Connect

Cable preparation and cutting tools

Our range of cable preparation tools includes hand-operated & ratchet action cable cutting tools, wire preparation & stripping tools and SWA & hydraulic cable cutters.

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CABLECRAFT GOOD CUTTING GUIDE

Good practice: cutting cables

Our guide to creating the perfect cut cable.

The right tools

Cablecraft cutting tool range

To make a good electrical connection, you first have to cut a cable properly. Cablecraft cable cutting tools cater for cables of different shapes and material properties. This range offers optimum cutting solutions for thin, fine-wire conductors, through to large diameter cables with broad cross-sections as used in the power supply sector.

Precise manufacturing

The Cablecraft cable cutting tool range offers precise performance without requiring great effort. This is achieved by using exact, precision-ground blade geometry. Hardened blades ensure complete reliability.

Cutting thicker cables

Thicker cables can be cut with minimum effort. This is achieved by utilising good transmission ratios, designs such as rim gear drive systems, extensive use of lightweight materials and ergonomic design throughout.

Compact design

Compact design technology also ensures lighter weight and the ability to use Cablecraft cable cutters in confined areas such as control cabinets.



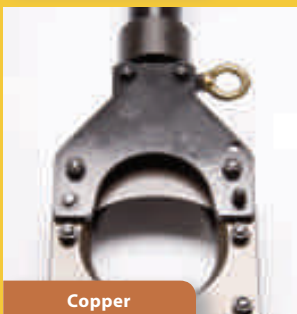
Steel wire armour



Copper



Copper



Copper



Hand operated cable cutting tools

Designed specifically for easy cutting of cables, featuring high quality steel blades and handles, and cushioned hand grips.

Weidmuller KT8

Copper

The Weidmuller KT8 is a cutting tool for cables and wires up to 16mm². The special cutting shape allows for pinch-free cutting of copper and aluminium wires.



Part number	Cutting capacity	Tool length
KT 8	16mm ²	165mm

Rennsteig 700 116 3 *

Copper

This Rennsteig tool is ideal for cutting, dismantling and stripping cables up to 35mm². Other features include: sharp, hardened, precision-ground blades; easy, clean cut with one-hand operation; no crushing or deformation; adjustable joint screw; made from special tool steel and forged.

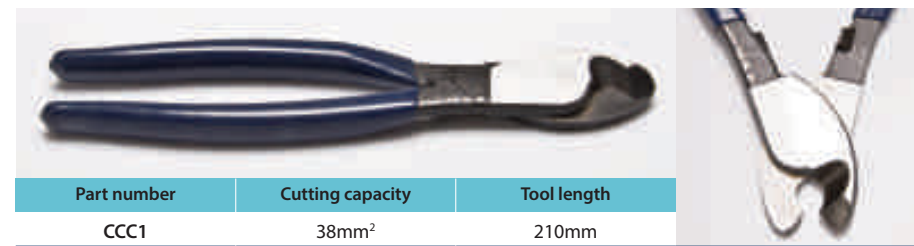


Part number	Cutting capacity	Tool length
RENN700 116 3	35mm ²	170mm

CCC1 *

Copper

This robust and efficient tool is suitable for cutting copper and aluminium cables up to 38mm².



Part number	Cutting capacity	Tool length
CCC1	38mm ²	210mm

* This tool is not suitable for steel wire, wire cable and hard-drawn copper cables.

Hand operated cable cutting tools continued

Rennsteig 700 015 3 *

Copper

This Rennsteig tool is ideal for cutting, dismantling and stripping. Other features include: sharp, hardened, precision-ground blades; easy, clean cut with one-hand operation; no crushing or deformation; adjustable joint screw; made from special tool steel and forged.



Part number	Cutting capacity	Tool length
RENN700 015 3	50mm ²	170mm

CCC2*

Copper

A compact, sturdy tool suitable for cutting copper and aluminium cables up to 60mm².



Part number	Cutting capacity	Tool length
CCC 2	60mm ²	250mm

Rennsteig 700 020 3 *

Copper

Minimal effort is required to use this Rennsteig tool due to its high transmission ratio and new blade geometry. Other features include: no crushing, no deformation; initial and final cut (1st and 2nd blades) allow cables with a diameter of up to max. 24mm diameter to be cut; sharp, hardened, precision-ground blades; easy, clean cut with one-hand operation; adjustable joint screw.



Part number	Cutting capacity	Tool length
RENN700 020 3	70mm ²	200mm

* This tool is not suitable for steel wire, wire cable and hard-drawn copper cables.

Hand operated cable cutting tools continued

CCC 3*

Copper

A tough, heavy duty cutting tool that effortlessly cuts copper and aluminium cables up to 125mm².



Part number	Cutting capacity	Tool length
CCC 3	125mm ²	300mm

Rennsteig 700 027 2*

Copper

Minimal force is needed to achieve clean cuts with this Rennsteig tool due to its optimal transmission ratio and new blade geometry. Other features include: short design, low weight; forged cutting head, handles made of special aluminium-pipe; adjustable screw joint; made from special tool steel, forged.



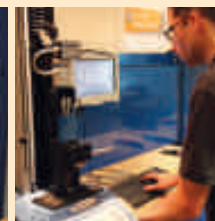
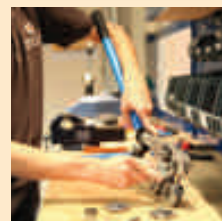
Part number	Cutting capacity	Tool length
RENN700 027 2	150mm ²	500mm

* This tool is not suitable for steel wire, wire cable and hard-drawn copper cables.



Cablecraft Tool Centre

Offering a complete tool calibration, repair and inspection service



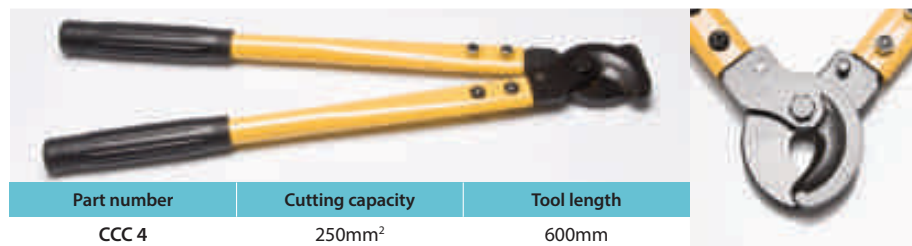
technical@cablecraft.co.uk 0800 0280 134

Hand operated cable cutting tools continued

CCC 4 *

Copper

The heavy duty cutting tool that easily cuts copper and aluminium cables up to 250mm².



CCC 5*

Copper

The heavy duty cutting tool that easily cuts copper and aluminium cables up to 500mm².



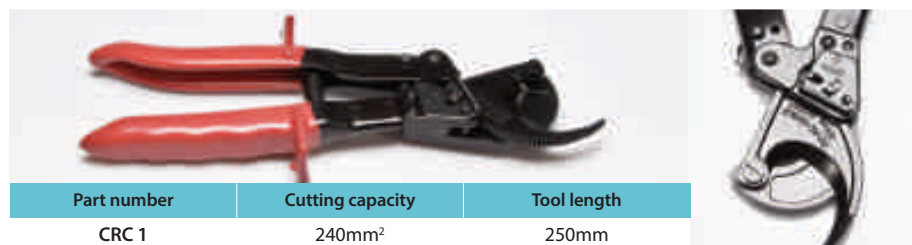
Hand operated ratchet action tools

The CRC range of cable cutters are available with a wide range of features. All are designed for ease of use and a fast, clean, cut with no flattening of the cable.

CRC 1*

Copper

One-handed ratchet cutter suitable for copper and aluminium cables.



* This tool is not suitable for steel wire, wire cable and hard-drawn copper cables.

Hand operated ratchet action tools continued

CRC 2*

Copper

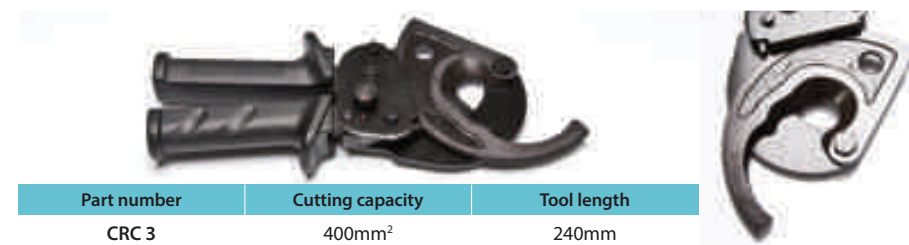
Designed for core cutting of copper and aluminium multicore power cables up to 325mm² and sector cables up to 32mm diameter.



CRC 3*

Copper

Suitable for copper and aluminium multicore power cables up to 400mm² and sector cables up to 50mm diameter.



These heavy duty Rennsteig ratchet cable cutters are ideal when cutting copper and aluminium cables with rigid rubber or plastic sheaths:

Rennsteig 712 060 3*

Copper

A ratchet tool, with rim gear action for easy smooth cutting without crushing; the shears can be opened in any cutting position; can also be used in confined areas, for overhead work; blade is made of hardened steel.



* This tool is not suitable for steel wire, wire cable and hard-drawn copper cables.

Hand operated ratchet action tools continued**Rennsteig 712 100 3*****Copper**

Heavy duty, ratchet cable cutting tool for cutting single strand, multi strand and fine wire aluminium and copper cables. Features adjustable telescopic handle length 660 - 860mm.



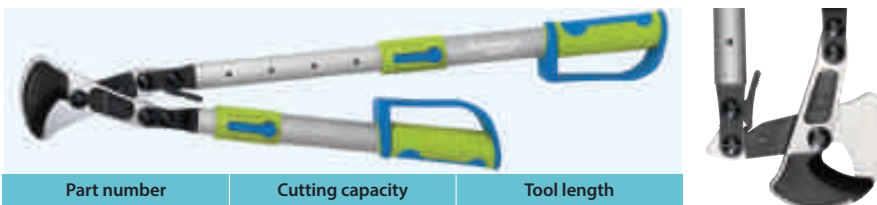
Part number	Cutting capacity	Tool length
RENN712 100 3	1000mm ²	660-860mm



Fast and easy adjustment helps to save operational time

Rennsteig 700 038 3***Copper**

Light weight ratchet action tool for cutting single-strand, multi-strand and fine-wire aluminium and copper cables. Features jointed telescopic arms that adjust for the perfect grip.



Part number	Cutting capacity	Tool length
RENN700 038 3	300mm ²	570-770mm



Jointed telescopic arms adjust to reach into confined spaces.

* This tool is not suitable for steel wire, wire cable and hard-drawn copper cables.

Steel wire armour (SWA) cutting tools

An economic alternative to conventional hydraulic cutters.

CRC 4 - SWA cutting tool**Steel wire armour**

High performance ratchet cutter suitable for steel wire armoured cables (non-hardened steel). An economical alternative to conventional hydraulic cutters and suitable for SWA, copper and aluminium cables.



Part number	Cutting diameter	Tool length
CRC 4	32mm	430mm

CRC 5 - SWA cutting tool**Steel wire armour**

High performance ratchet cutter suitable for steel wire armoured cables (non-hardened steel). An economical alternative to conventional hydraulic cutters and suitable for SWA, copper and aluminium cables.



Part number	Cutting diameter	Tool length
CRC 5	80mm	560mm

CRC 6 - SWA cutting tool**Steel wire armour**

High performance ratchet cutter suitable for steel wire armoured cables (non-hardened steel). An economical alternative to conventional hydraulic cutters and suitable for SWA, copper and aluminium cables.



Part number	Cutting diameter	Tool length
CRC 6	100mm	560mm

Hydraulic cutting tools

CHC 1* Copper

A hand operated hydraulic cutting tool designed for cutting copper and aluminium cables up to a maximum diameter of 40mm. The opening head design allows running cables to be cut in situ, and the head can also be rotated by 90 degrees to enable the operator to work in the most suitable position. Complete with carry bag.



Part number	Cutting diameter	Tool length	Tool weight
CHC 1	40mm	630mm	6Kg

CHC 2* Copper

A hand operated hydraulic cutting tool designed for cutting copper and aluminium cables up to a maximum diameter of 85mm. The opening head design allows running cables to be cut in situ, and the head can be rotated by 180° to enable the operator to work in the most suitable position. Complete with carry bag.



Part number	Cutting diameter	Tool length	Tool weight
CHC 2	85mm	760mm	7Kg

* This tool is not suitable for steel wire, wire cable and hard-drawn copper cables.

CHC 3* Copper

A hydraulic cutting head specifically designed to cut copper, aluminium as well as telecommunication cables. With a maximum overall diameter of 100mm. The head can easily be opened to cut running cables and the handle allows the most comfortable positioning of the head onto the cable to be cut.



Part number	Cutting diameter	Tool length	Recommended for use with foot pump CHFP 2, see overleaf.
CHC 3	100mm	570mm	

* This tool is not suitable for steel wire, wire cable and hard-drawn copper cables.

CHC 4 SWA Steel wire armour Copper

A hydraulic cutting head suitable for steel wire armoured cables (non-hardened steel). With a maximum overall diameter of 60mm. The head can easily be opened to cut running cables and features a hardened blade. The handle allows the most comfortable positioning of the head onto the cable to be cut.



Part number	Cutting diameter	Tool length	Recommended for use with foot pump CHFP 2, see overleaf.
CHC 4-SWA	60mm	420mm	

Hydraulic cutting tools and accessories

CHFP 2 Foot pump

A foot operated, two stage hydraulic pump, developing a maximum pressure of 700kg/cm². Complete with automatic safety bypass valve when reaching maximum pressure. Recommended for use with CHC3 and CHC4 SWA crimping heads (see previous page).



Part no.	Weight	Length	Width	Height
CHFP 2	10Kg	474mm	150mm	150mm

CHC-1-BATTERY

Copper

This high performance, high speed battery powered mini tool is suitable for cable sizes up to 30mm and has a 60 minute charge time. 14.4v battery supplied.



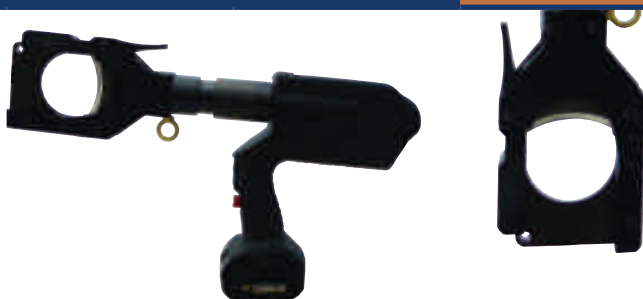
* Tool weight is without battery

Part number	Cutting diameter	Tool length	Tool weight
CHC-1-BATTERY	30mm	520mm	4.36Kg

CHC-2-BATTERY

Copper

Cutting tool with flip-top latch for easy insertion of the cable to be cut. This tool features a 360° swivel head, an output of 6 tons and a cutting capacity up to 38mm OD. 18v battery supplied.



* Tool weight is without battery

Part number	Cutting diameter	Tool length	Tool weight*
CHC-2-BATTERY	85mm	580mm	8.3Kg

CABLECRAFT WIRE PREPARATION GUIDE

Good practice:
Stripping a cable correctly

Our guide to successfully removing a section of insulation to reveal the conductor ready for crimping and termination.

The right tools

Creating good connections

Precision is required to prepare a conductor for the next stage. When a section of the insulation needs to be removed, it is essential to have the right good quality adjustable tools to hand. This will help to achieve clean removal to the required length and without damage to the remaining insulation or to the conductor.

Types of stripping tools

Hand operated stripping pliers with profile blades can be adjusted according to the cross-section of the conductor, the conductor diameter and the insulation type.

Self adjusting stripping tools adjust automatically to the required diameter and insulation thickness, reducing the risk of damaging the conductor or insulation.

Stripping tools may include a conductor length stop enabling repeat stripping length consistency.



This example from Rennsteig shows a fully adjustable tool with automatic length stop and improved blade geometry



Weidmüller cable and wire stripping tools

Weidmüller Stripax®

Versatile stripping and cutting tool. Designed for stripping PVC-insulated flexible conductors from 0.08 - 10mm². Self-adjusting stripping blades eliminate danger of damage to the conductor.



Part number	Cable size (mm ²)
STRIPAX	0.08 - 10

Weidmüller Stripax® 16

Versatile stripping and cutting tool. Designed for stripping PVC-insulated flexible conductors from 6.00 - 16mm². Self-adjusting stripping blades eliminate danger of damage to the conductor.



Part number	Cable size (mm ²)
STRIPAX 16	6.00 - 16.0



Three stage partial stripping

Prevent the conductor from splaying by partially stripping using this unique function.



Precise removal of insulation

You can easily and precisely adapt the cutting depth using the insulation thickness slider.



Continuous workflow

The off-cut ejector ensures that waste insulation is automatically ejected - ready to strip again.

Cablecraft CCS cable and wire stripping tools

CCS 0

This wire stripper is perfectly suited to fast stripping of all common coaxial leads such as TV aerial leads, RG58/59/6 and PF100 cable. The individual contour blades used to strip the outer sheath and to open up the inner core are positioned adjacent to each other.



Part number	Cable type
CCS 0	RG 58/59/6 & PF100

CCS 1 & CCS 2

Single handed, triple action cable strippers. One squeeze firstly closes the grippers, then the cutter blades operate before the stripper jaws open to remove the slug of insulation.



Part number	Cable size (mm ²)
CCS 1	0.25 - 2.5
CCS 2	1.0 - 3.2

CCS 3

Ideal for electrical and electronic maintenance and production line jobs, this lightweight, ergonomically designed stripper is fully self-adjusting up to 5mm².



Part number	Cable size (mm ²)
CCS 3	0.02 - 5.0

Cablecraft CCS cable and wire stripping tools continued

CCS 4

Lightweight and compact, ideal for small applications. Automatic, self-adjusting stripping action. Built-in strip stop for consistent strip lengths. Supplied with gripping pads for different types of insulation.



Part number	Cable size (mm ²)
CCS 4	Up to 1.5

CCS 5

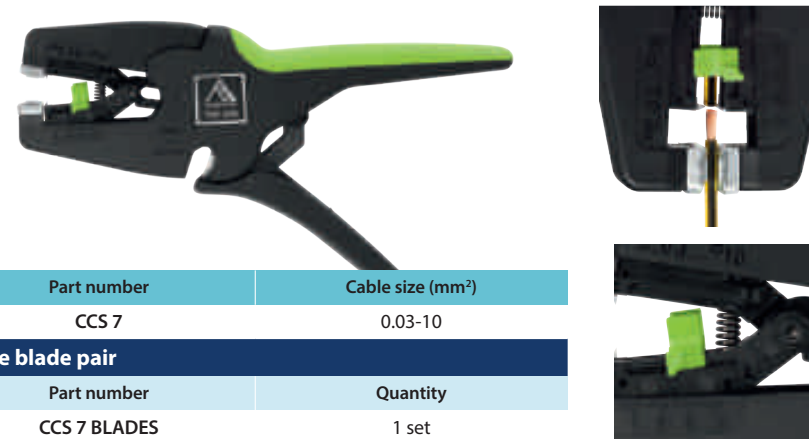
Lightweight and compact, ideal for small applications. Automatic, self-adjusting stripping action. Built-in strip stop for consistent strip lengths.



Part number	Cable size (mm ²)
CCS 5	0.08 - 6.0

CCS 7

Automatically adjusts to the right diameter and insulation thickness. Suitable for single or multi-strand PVC-insulated cables and a large variety of PTFE- and rubber-insulated cables.



Part number	Cable size (mm ²)
CCS 7	0.03-10

Spare blade pair

Part number	Quantity
CCS 7 BLADES	1 set

CCS 8

This tool strips outer jackets and insulations from 4.5mm-28.5mm O.D. Adjustable depth up to 3mm. The action is circumferential, then longitudinal for removal of the insulation section at the end or mid span of wires. A handy spring loaded ripping blade at the base of the tool facilitates insulation removal.



Part number	Cable size (mm ²)
CCS 8	4.5 - 28.5 OD

Spare blades

Part number	Quantity
CCS 8 BLADES	5 pack

Cablecraft CCS cable and wire stripping tools continued

CCS 9

Cable outer jacket cutter complete with guiding shoe to cut insulation without damage to conductors. Hardened steel blade.



CCS 10

Cable outer jacket cutter designed to cut insulation without damage to conductors. With a hardened steel blade, this tool is suitable to cut larger diameter cables.



CCS 11

Cable stripper for outer jackets and insulation on larger diameter cables. 'Tri-Action-Strip' capability allows a rotary cut to a longitudinal cut along the cable length for end stripping, spiral cut for end stripping, and spiral cut for mid-span stripping. Adjustable blade up to 5mm depth.



CCS 12

A good value stripping tool with a stripping range of 0.75-16 mm²



CABLECRAFT

Tool Centre

Tool Calibration & Repair Service

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