

**You are streamlining your manufacturing processes**  
**Our automatic machines optimise installation times**  
Let's connect.

Connectivity and Electrical Installation



**Weidmüller** 

# A high degree of automation for standardised stripping and crimping

Let's connect.

The progressive automation of individual work steps and processes has now become a key factor with respect to sustainable corporate success. Shortened installation times translate into minimised production costs, enhanced added value and thus greater corporate competitiveness.

We at Weidmüller have been developing stripping, crimping and cutting machines for more than 30 years. We make sure that they satisfy ever-growing industrial requirements, with pioneering standards and innovative ideas. Our latest generation of machines are distinct in that they are especially ease to use and feature robust designs.

Our automatic machines boast an impressively long service life and deliver a consistently high quality of work. Find out about the unique benefits of our automatic machines. We would be happy to provide you with personal advice. Whether you're dealing with large, medium or small series, we will find a solution that's tailored to your requirements for every application.





**4** Stripping and crimping machines for rolled wire-end ferrules



**14** Cutting machines



**6** Stripping and crimping machines for loose wire-end ferrules



**16** Accessories



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**12** Stripping machines



**Let's connect.**

You will find more information at:  
[www.weidmueller.com/tools](http://www.weidmueller.com/tools)

# Crimp small series quickly and flexibly

## Stripping and crimping machines for rolled wire-end ferrules

### CRIMPFIX 2.5 M

Process Weidmüller's rolled wire-end ferrules in a universal and reliable manner. With the small and flexible CRIMPFIX 2.5 M, you have an electrically-driven, stripping and crimping machine for cross-sections from 0.5 to 2.5 mm<sup>2</sup> (AWG 20–14).

Special properties:

- Crimping quality pursuant to DIN 46228
- Change of tools not necessary
- Crimping length: 8 mm
- Optional tool set for 0.34 mm<sup>2</sup>

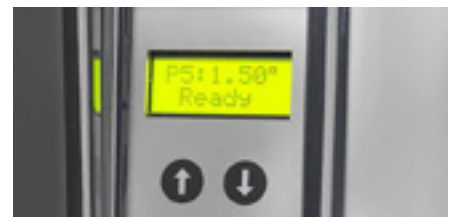
Products	Order number
CRIMPFIX 2.5 M	9205410000
Magazine for 0.34 mm <sup>2</sup>	9205420000



Stripping and crimping in one work step



One magazine for the entire cross-section range from 0.5 to 2.5 mm<sup>2</sup>



Simple menu navigation via the display

### CRIMPFIX R/RS

The CRIMPFIX R/RS offers even greater flexibility when processing Weidmüller's rolled wire-end ferrules. The electro-pneumatically driven stripping and crimping machine processes wire-end ferrules with cross-sections ranging from 0.5 to 2.5 mm<sup>2</sup> (AWG 20–14).

Special properties:

- Crimping quality pursuant to DIN 46228
- Change of tools not necessary
- Processing of various crimping lengths:  
CRIMPFIX R: 8 mm, RS: 8 or 10 mm

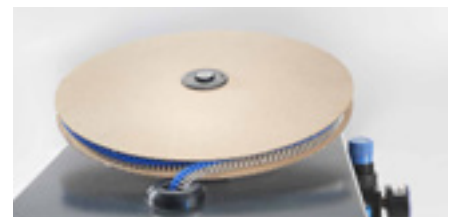
Products	Order number
CRIMPFIX R	9028500000
CRIMPFIX RS	1477030000



Automatic cross-section adjustment from 0.5 to 2.5 mm<sup>2</sup>



Separate stripping mode adjustable



Processing of linked, rolled wire-end ferrules



# A fast all-rounder to meet your individual requirements

## Stripping and crimping machines for loose wire-end ferrules

### CRIMPFIX L/LS

The CRIMPFIX L/LS universally processes loose Weidmüller wire-end ferrules with various cross-sections. The electropneumatically driven stripping and crimping machine is suitable for cross-sections from 0.5 to 2.5 mm<sup>2</sup> and allows for various crimping lengths.

Special properties:

- Change of tools not necessary
- Short pulse times
- Crimping length: CRIMPFIX L: 8 mm, CRIMPFIX LS: 6, 8 or 10 mm
- Processing of special wire-end ferrules with a large plastic collar (LS)

Products	Order number
CRIMPFIX L	9028530000
CRIMPFIX LS	9028540000



CRIMPFIX LS: three different crimping lengths – no need to change tools



Adjustable stripping blade for the best stripping quality



Adjustment wheel for an optimum stripping length

### CRIMPFIX LZ

You can process loose Weidmüller twin wire-end ferrules ranging from 2 x 0.5 to 2 x 1.5 mm<sup>2</sup> (AWG 2 x 20–2 x 16) with the electropneumatic CRIMPFIX LZ stripping and crimping machines.

Special properties:

- Crimping quality pursuant to DIN 46228
- Change of tools not necessary
- Short pulse times
- Crimping length: 8 mm

Products	Order number
CRIMPFIX LZ	9027310000



Processing of twin wire-end ferrules in the cross-section range from 2 x 0.5 to 2 x 1.5 mm<sup>2</sup>



Integrated interior lighting for a better overview



Touchscreen display with simple menu navigation



# Durable and robust in everyday use

## Stripping and crimping machines for loose wire-end ferrules

### CA 100 C

The CA 100 C electropneumatic stripping and crimping machine is suitable for the particularly efficient processing of loose, insulated and non-insulated Weidmüller wire-end ferrules. The device, which boasts a modular design, processes insulated wire-end ferrules from 0.14 to 0.34 mm<sup>2</sup> (AWG 26–22) and, as an optional feature, non-insulated wire-end ferrules from 0.25 to 0.75 mm<sup>2</sup> (AWG 24–18).

Special properties:

- Simple tool change
- Very compact design
- Can be used for non-insulated wire-end ferrules as an optional feature
- Crimping length: CA 100 C: 6 or 8 mm

Products	Order number
CA 100 C	On request



Quick-change tool for extremely short retooling times



Removable touchscreen operating element



Crimping of insulated and non-insulated wire-end ferrules

### CA 100/2.5 and CA 100/10

Both models are considered to be indestructible power packs. They are suitable for the efficient processing of loose, insulated Weidmüller wire-end ferrules and may also be optionally used for non-insulated wire-end ferrules. With corresponding tooling parts, the CA100/2.5 can be retrofitted for wire-end ferrules with cross-sections from 0.5 to 2.5 mm<sup>2</sup> (AWG 20–14). The CA100/10 can be retrofitted in the same way for wire-end ferrules with cross-sections from 4 to 10 mm<sup>2</sup> (AWG 12–8).

Special properties:

- Crimping quality pursuant to DIN 46228
- Simple tool change
- Wide range of applications
- Crimping length: CA 100/2.5: 6 to 12 mm and CA 100/10: 8 to 18 mm

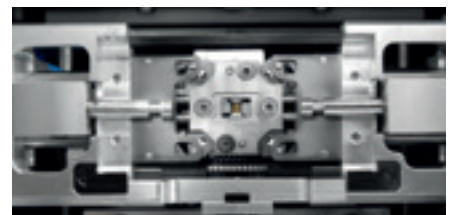
Products	Order number
CA 100/2.5	On request
CA 100/10	On request



Quick-change tool for extremely short retooling times



Stripping blade that can be used on both sides – for consistently high quality



Square crimping tool for a perfectly square four-sided crimp





# Ideal for industrial applications

## Stripping and crimping machine for loose, turned contacts

### CA 4/8 Indent

Rely on maximum professionalism: The CA 4/8 Indent is an electropneumatically driven stripping and crimping machine for processing loose, turned pin and socket contacts. The contacts are supplied automatically with power via an oscillating conveyor. The settings for the stripping and crimping depth are motor-driven. The machine is operated via the easy-to-use touchscreen display, which clearly shows all of the key data, functions and status messages. Using the corresponding tool set, the CA 4/8 Indent can be retrofitted to suit different contacts and/or lines.

#### Special properties:

- Very robust design for a long service life
- Short pulse times
- Optional crimp shapes: 4-Indent, B-Crimp, Hex
- Memory for 50 programs



Processing of loose, turned pin and socket contacts



Individual adjustment of the cable holding force

Products	Order number
CA 4/8 Indent	On request



Automatic adjustment of the stripping length and crimping depth



CA 4/8 Indent



Weidmüller 

# Small, robust and easy to operate POWERSTRIPPER stripping machines

## POWERSTRIPPER 6.0 and POWERSTRIPPER 16.0

The electrically driven machines facilitate the accurate stripping of conductors with various insulations up to an outside diameter of 8 mm. Operation is particularly simple.

Special properties:

- Designed for various wire cross-sections (PS 6.0: 0.5 to 6 mm<sup>2</sup>; PS 16.0: 2.5 to 16 mm<sup>2</sup>)
- Infinitely variable adjustment of the wire cross-sections – no need to change tools
- Infinitely variable adjustment of stripping and pull-off lengths between 3 and 20 mm
- Partial stripping function



Fast and simple cross-section adjustment



Insertion funnel for smaller cross-sections

Products	Order number
POWERSTRIPPER 6.0	9028510000
POWERSTRIPPER 16.0	9028480000

## POWERSTRIPPER AUTO 2.5 and POWERSTRIPPER AUTO 16.0

Both systems are equipped with a sensor system that automatically determines the conductor diameter and defines the corresponding cutting depth.

The PS AUTO 2.5 can be used to strip the most common conductors featuring a wide range insulations with a cross-section from 0.5 to 2.5 mm<sup>2</sup> (AWG 20–14). The PS AUTO 16.0 can be used for 4 to 16 mm<sup>2</sup> (AWG 12–6).

Special properties:

- Simple, automatic stripping
- Infinitely variable adjustment of stripping and pull-off lengths between 3 and 20 mm
- Partial stripping function
- Low weight



Automatic adjustment to the respective cross-section



Infinitely variable adjustment of the stripping length and partial stripping

Products	Order number
POWERSTRIPPER AUTO 2.5	9027270000
POWERSTRIPPER AUTO 16.0	9027290000



POWERSTRIPPER 6.0

Weidmüller 

POWERSTRIPPER AUTO

Weidmüller 

# Precise and flexible cutting

## Cutting machines

### CUTFIX 8

The CUTFIX 8 cutting machine is the right choice for cutting round cables with diameters of up to 8 mm in length in medium and large series. The robust automatic machine is impressive with its accurate working methods and easy operation.

Special properties:

- Excellent repeat accuracy
- Controllable contact pressure on the drive rollers
- Electric drive
- Cutting orders can be managed by PC

Products	Order number
CUTFIX 8	9023100000



Very long service life thanks to metal transport rollers



USB interface for PC-based control



Removable handheld terminal

### CCM

Whether you're faced with ribbon cables, round cables, insulating sleeves or hoses, the CCM perfectly masters all cutting and trimming disciplines. To meet special requirements, the dimensional accuracy can be optimised by means of a length correction. A special sub-program can be used to adapt the program surface to suit individual requirements.

Special properties:

- Adjustable cable pressing force
- PC-compatible
- Pneumatic drive

Products	Order number
CCM	9025440000



Universal transport unit for ribbon cables, round cables, insulating tubes and hoses



Clear terminal for simple handling



Pressure regulation on the transport belts



# Your guarantee for standardised connections

## The right combination of tools, automatic machines and wire-end ferrules

Guarantee the quality of your electrical connection in the long term by purchasing all of your components from a single source. We have an extensive range of wire-end ferrules and insulated cable connectors available for you. These can be optimally synchronised for use with Weidmüller tools and automatic machines. High-quality and certified pursuant to the common worldwide standards.

### Wire-end ferrules and insulated cable connectors

Wire-end ferrules from Weidmüller ensure safe connections and you benefit from a wealth of advantages when installing and maintaining your systems. Our vast product range includes wire-end ferrules both with and without plastic collars, as well as twin wire-end ferrules in all colours available on the market.

The insulated cable connectors from Weidmüller also guarantee a reliable connection quality. These are mainly equipped with a conical insertion funnel, ensuring optimum conductor entry as the strands centre themselves. This saves time and money during installation.



### CSA US certification

The following wire-end ferrules have CSA US certification:



- Loose wire-end ferrules from 0.14 mm<sup>2</sup> to 50 mm<sup>2</sup> (~ AWG 26–1)
- Twin wire-end ferrules from 2 x 0.5 mm<sup>2</sup> to 2 x 16 mm<sup>2</sup> (~ AWG 20–6)
- Special wire-end ferrules for small terminal compartments and AWG lines
- Strips of linked and rolled wire-end ferrules from 0.5 mm<sup>2</sup> to 2.5 mm<sup>2</sup> (~ AWG 20–14)
- Non-insulated wire-end ferrules from 0.14 mm<sup>2</sup> to 50 mm<sup>2</sup>

### UL certification

The following wire-end ferrules have UL certification:



- Loose wire-end ferrules from 0.14 mm<sup>2</sup> to 50 mm<sup>2</sup> (~ AWG 26–1)
- Strips of linked and rolled wire-end ferrules from 0.5 mm<sup>2</sup> to 2.5 mm<sup>2</sup> (~ AWG 20–14)





Weidmüller crimping tools and automatic machines



+ Weidmüller wire-end ferrules



= Approval

## UL-approved crimping connections

The UL certification for our crimped, insulated wire-end ferrules means that Weidmüller has opened up an unlimited number of possible applications for use around the world. Wire-end ferrules, manual tools and crimping machines from Weidmüller are approved as an overall system.

### Insulated wire-end ferrules, manual tools and machines

Designation		AWG	Colour codes/order no.			Manual tools						Stripping and crimping machines	
mm <sup>2</sup>	L2	AWG	Weidmüller	DIN	Miscellaneous	Weidmüller	PZ 4	PZ 6 Roto/ PZ 6 Roto L	PZ 6/5	PZ 3	PZ 16	CA 100 series	CRIMPFIX series
0.25	6	24	9025740000		9021010000								
0.25	8	24	9025760000		9021020000								
0.34	6	22	9025750000										
0.34	8	22	9025770000										
0.50	6	20	0409500000	9019000000									
0.50	8	20	0690700000	9019010000									
0.50	10	20	9025870000	9019020000									
0.75	6	18	0409600000	9019030000	9021030000								
0.75	8	18	0462900000	9019040000	9021040000								
0.75	10	18	9025860000	9019050000	9021050000								
0.75	12	18	9025910000	9019060000	9021060000								
1.00	6	18	0409700000	9019070000									
1.00	8	18	0463000000	9019080000									
1.00	10	18	9025950000	9019100000									
1.00	12	18	9025930000	9019110000									
1.5	6	16	9025690000										
1.5	8	16	0463100000	9019120000									
1.5	10	16	0635100000	9019130000									
1.5	12	16		9019140000									
1.5	18	16	0565600000	9019150000									
2.5	6	14		9028490000	9036200000								
2.5	8	14		9019160000	9021070000								
2.5	10	14		9036220000	9036210000								
2.5	12	14		9019170000	9021080000								
2.5	18	14		9019180000	9021090000								
4	8	12		9028520000	9036230000								
4	10	12		9019190000	9021100000								
4	12	12		9019200000	9021110000								
4	18	12		9019210000	9021120000								
6	12	10	0533500000	9019220000	9021130000								
6	18	10	0565700000	9019230000	9021140000								
10	12	8	0534200000	9019240000	9021150000								
10	18	8	0565800000	9019250000	9021160000								
16	12	6	0565900000	9019260000	9021170000								
16	18	6	0566000000	9019270000	9021180000								

# Increase your productivity

## Professional tools for installation

The right tool will always do the job best. That's why we've been developing and producing quality tools to satisfy the most stringent requirements for more than 30 years now. And we never lose sight of our goal – supporting you on a daily basis, with clever products that make your work easier, optimise your work processes and guarantee your company's productivity in the long term.

### Voltage testers

Achieve the best results. The unique design and excellent functionality of our 2-pole voltage testers boost working efficiency and accuracy.

### Crimping tool

In many installations, there is only a little space available in the switch cabinet. That's why the PZ 6 Roto L crimping tool has a rotatable crimp insert, which allows the wire-end ferrule to be inserted from the front or side.

### Wire-end ferrules and insulated cable connectors

Ensure connections that are safe in the long term and benefit from a wealth of advantages during installation and maintenance – with wire-end ferrules and insulated cable connectors from Weidmüller, available in a wide range of versions and colours.

### Stripping tool

Our self-adjusting stripax® stripping tool offers accurate stripping results for conductor cross-sections from 0.08 to 10 mm². The ideal supplement: the stripax® 16 stripping tool with shaped blade – for conductors from 6 to 16 mm².

### Automatic machines

Reduce your installation times and increase your productivity. Our robust automatic machines are sure to impress you with their long service lives, as well as consistent levels of performance and quality. For processing various types of wire-end ferrule and for cutting and stripping tasks involving a wide range of cable types.

### Pliers

Guarantees safe and accurate work on sensitive electronics. Our ESD pliers feature a special handle material that prevents electrostatic discharge.

### Cutting tool

Ensure optimum finishing. The specially shaped cutting geometry of our KT 8 ensures a smooth, crush-free cut without distorting the conductor – every time.

### Torque screwdriver

Always work in the right torque range. Our torque screwdriver guarantees safe, gas-tight clamping. Without mechanically destroying the clamping yoke and with a voltage drop considerably lower than the required limits.



## Weidmüller – Your Partner in Industrial Connectivity

As experienced experts, we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. We are at home in their industries and markets and know the technological challenges of tomorrow. We are therefore continuously developing innovative, sustainable and useful solutions for their individual needs. Together we set standards in industrial connectivity.



Let's connect.

Made in Germany

Weidmüller Interface GmbH & Co. KG  
Klingenbergstraße 16  
32758 Detmold, Germany  
Tel. +49 5231 14-0  
Fax +49 5231 14-2083  
info@weidmueller.com  
www.weidmueller.com

You can find your local Weidmüller  
contact on the internet at:  
[www.weidmueller.com/countries](http://www.weidmueller.com/countries)



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