

**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.

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

Our automatic machines boast an impressively long service life and deliver a consistently high quality of work. Learn about the unique benefits of our machines and get personalised 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 Cutting machine



6 POWERSTRIPPER automatic strippers



8 Automatic strippers and crimpers for wire-end ferrules on a reel



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



18 Professional tools for installation



Let's connect.

You will find more information at:
www.weidmueller.com/tools

Precise and flexible cutting

Cutting machine

CUTFIX 8

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

- Special properties:
- Excellent repeat accuracy
 - Controllable contact pressure on the drive rollers
 - Electric drive
 - Cutting orders can be managed via PC
 - Robust and compact design

Products	Order number
CUTFIX 8	9023100000
CUTFIX ROLLER	2443360000



CUTFIX 8 with inset display



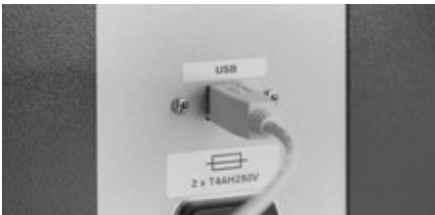
Simple menu navigation using built-in control terminal



Very long service life thanks to metal transport rollers



Optional dispenser



USB interface for PC-based control



Clear management of up to 200 cutting jobs using the software provided



Small, robust, flexible and easy to operate

POWERSTRIPPER automatic strippers

POWERSTRIPPER 6.0 and POWERSTRIPPER 16.0

The electrically-operated strippers enable precision stripping of conductors with different types of insulation up to an outside diameter of 5 mm (PS 6.0) and 8 mm (PS 16.0). Operation is very easy and special designs are available if cable samples are provided.

- Special properties:
- Cross-section range: 0.05 - 6 mm² (PS 6.0) and 2.5 - 16 mm² (PS 16.0)
 - Infinitely variable adjustment of wire cross-sections – no need to change tools
 - Infinitely variable adjustment of stripping and pull-off lengths (3 - 20 mm)
 - Partial stripping function
 - Titanium-coated V-radius blade (can be used on both sides)

Products	Order number
POWERSTRIPPER 6.0	9028510000
POWERSTRIPPER 16.0	9028480000



Fast and simple cross-section adjustment



Insertion funnel for smaller cross-sections



Precise adjustment of stripping parameters

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 cross-sections from 0.5 to 2.5 mm² (AWG 20–14). The PS AUTO 16.0 can be used for 4 to 16 mm² (AWG 12–6).

- Special properties:
- Simple, automatic stripping
 - Infinitely variable adjustment of stripping and pull-off lengths (3 - 20 mm)
 - Partial stripping function
 - Low weight

Products	Order number
POWERSTRIPPER AUTO 2.5	On request
POWERSTRIPPER AUTO 16.0	On request



Automatic adjustment to the respective cross-section



Infinitely variable adjustment of the stripping length and partial stripping



Display with counter readings



Crimp small series quickly and flexibly

Stripping and crimping machines for wire-end ferrules on a reel

CRIMPFIX E

Process Weidmüller's reeled wire-end ferrules in a universal and reliable manner. The robust, flexible CRIMPFIX E is an electrically powered automatic stripper and crimper for cross sections from 0.5 to 2.5 mm² (AWG 20-14) with a crimping length of 8 mm. The CRIMPFIX E enables simple adjustment of machine parameters across the full range of cross-sections and guarantees crimping quality in accordance with DIN 46228.

- Special properties:
- 3-level stripping blade adjustable for each cross-section
 - Change of tools not necessary
 - Crimping length: 8 mm
 - Integrated day counter, overall counter and service counter

Products	Order number
CRIMPFIX E	2439140000



Stripping and crimping in one step



Simple adjustment of stripping levels



Simple menu navigation via the display

CRIMPFIX R/RS

The CRIMPFIX R/RS offers even greater flexibility when processing Weidmüller's wire-end ferrules on reel. The electro-pneumatically driven stripping and crimping machine processes wire-end ferrules with cross-sections ranging from 0.5 to 2.5 mm² (AWG 20-14) and crimping lengths of 8 mm and 10 mm.

- Special properties:
- Crimping quality in accordance with DIN 46228
 - Change of tools not necessary
 - Processing of different crimping lengths:
CRIMPFIX R: 8 mm, RS: 8 and 10 mm
 - Optional magazine available

Products	Order number
CRIMPFIX R	9028500000
CRIMPFIX RS	1477030000
CRIMPFIX MAGAZIN	2443370000



Automatic cross-section adjustment from 0.5 to 2.5 mm²



Separate stripping mode adjustable



Processing of linked, reeled 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 electro-pneumatically driven stripping and crimping machine is suitable for cross-sections from 0.5 to 2.5 mm² (AWG 20-14) and accommodates various crimping lengths.

- Special properties:
- Change of tools not necessary
 - Short pulse times
 - Processing also of special wire-end ferrules with a large plastic collar
 - Crimp shape: trapezoidal, optional PZ3 crimp
 - Crimping length: CRIMPFIX L: 8 mm, CRIMPFIX LS: 6, 8 and 10 mm

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



Adjustable trigger sensor for 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 mm² (AWG 2 x 20–2 x 16) with the electro-pneumatic CRIMPFIX LZ stripping and crimping machines.

- Special properties:
- Crimping quality in accordance with DIN 46228
 - Change of tools not necessary
 - Short pulse times
 - Crimping length: 8 mm

Products	Order number
CRIMPFIX LZ	9027310000



Stripping and crimping in one step



Integrated interior lighting for a better overview



Touchscreen display with simple menu navigation



Long-lasting and robust in everyday use

Automatic strippers and crimpers for loose wire-end ferrules

CA 100 C

The CA 100 C electro-pneumatic stripping and crimping machine is suitable for the efficient processing of loose, insulated and non-insulated Weidmüller wire-end ferrules. The modular device processes stripped wire-end ferrules ranging from 0.14 to 0.34 mm² (AWG 26-22) and optional wire-end ferrules without plastic collars from 0.25 to 0.76 mm² (AWG 24018).

Special properties:

- Simple tool change
- Very compact design
- 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 stripped wire-end ferrules and optional wire-end ferrules with no plastic collars

CA 100/2.5 und CA 100/10

Both models 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. The CA100/2.5 can be converted for wire-end ferrules with cross sections from 0.34 to 4 mm² (AWG 22-12). The CA100/10 can be converted for wire-end ferrules with cross-sections from 4 to 10 mm² (AWG 12-8) with an option of up to 16 mm² (AWG 6). Both machines are available with square or trapezoidal crimp shapes.

Special properties:

- Simple tool change
- Crimping length: CA 100/2.5: 6–12 mm and CA 100/10: 8–18 mm
- With optional special blade conversion as a function of cable type

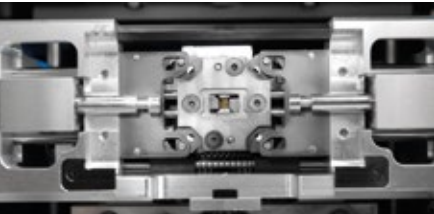
Products	Order number
CA 100/2.5	On request
CA 100/10	On request



Quick-change tool for extremely short retooling times



Stripping blade can be used on both sides



CA 100/2.5 with square crimping tool



Ideal for industrial applications

Automatic stripper and crimper and dismantling machine

CA 4/8 Indent

The CA 4/8 Indent is an electro-pneumatically driven stripping and crimping machine for processing loose, turned pin and socket contacts. The contacts are supplied with power automatically 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 the key data, functions and status messages. The CA 4/8 Indent has an internal memory for 50 different programs. 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
 - Crimp shapes: Indent, optional B-Crimp and Hex-Crimp

Products	Order number
CA 4/8 Indent	On request



Processing of loose, turned pin and socket contacts



Individual adjustment of the cable holding force



Automatic adjustment of the stripping length and crimp depth

PS AM 12

The electro-pneumatically driven dismantling machine enables the precise stripping of conductors with various types of sheathing and up to a maximum outside diameter of 11.9 mm. The settings for the stripping length, part stripping and cutting depth are very easy to adjust.

- Special properties:
- Stripping a cable with an outside diameter of 3.5 mm to 11.9 mm
 - Use of wire cross-sections with adapted V-radius blades
 - Infinitely variable adjustment of sheath stripping and pull-off lengths (25 - 120 mm)

Products	Order number
PS AM 12	On request



Stripping of connectors up to an outside diameter of 5 mm



Infinitely variable adjustment of stripping and pull-off lengths



Simple to change blades for different connector types



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 in accordance with all 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 range of products includes wire-end ferrules both with and without plastic collars, as well as twin wire-end ferrules in all standard colours.

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 mm² to 50 mm² (~ AWG 26–1)
- Twin wire-end ferrules from 2 x 0.5 mm² to 2 x 16 mm² (~ AWG 20–6)
- Special wire-end ferrules for small terminal compartments and AWG lines
- Strips of linked and reeled wire-end ferrules from 0.5 mm² to 2.5 mm² (~ AWG 20–14)
- Non-insulated wire-end ferrules from 0.14 mm² to 50 mm²

UL certification

The following wire-end ferrules have UL certification:



- Loose wire-end ferrules from 0.14 mm² to 50 mm² (~ AWG 26–1)
- Strips of linked and reeled wire-end ferrules from 0.5 mm² to 2.5 mm² (~ AWG 20–14)



Insulated wire-end ferrules, manual tools and machines

Weidmüller wire-end ferrules are UL-certified. This applies to most stripped wire-end ferrules in the cross-section range from 0.25 - 50 mm² (AWG 24 - 1). Wire-end ferrules with plastic collar, twin wire-end ferrules, wire-end ferrules for short-circuit and earthed cables and wire-end ferrules with plastic collars in special sizes are certified in the following packaging units:

- in loose packaging
- in multi-pack bag
- strips of linked wire-end ferrules
- reel of linked wire-end ferrules

Cross-section	Wire-end ferrules with plastic collar													
mm²	0,25	0,34	0,5	0,75	1	1,5	2,5	4	6	10	16	25	35	50
AWG	24	22	20	18	18	16	14	12	10	8	6	3	2	1
PZ 3														
PZ 4														
PZ 6 Roto / PZ 6 Roto L														
PZ 6/5														
PZ 16														
PZ 50														
stripax® plus 2.5														
CRIMPFIX 2.5 M														
CRIMPFIX series														
CA 100 series														

Twin wire-end ferrules with plastic collars						
mm²	2 x 0,50	2 x 0,75	2 x 1,00	2 x 1,50	2 x 2,50	2 x 4,00
AWG	20	18	18	16	14	12
PZ 3						
PZ 4						
PZ 6 Roto / PZ 6 Roto L						
PZ 6/5						
PZ 16						
PZ 50						
stripax® plus 2.5						
CRIMPFIX 2.5 M						
CRIMPFIX series						
CA 100 series						

Please note that the UL certification is only applicable if they are processed using Weidmüller manual tools or automatic units from the tooling list below.

Increase your productivity

Professional tools for installation of wire-end ferrules

The right tool makes everything better. That's why we've been developing and producing quality tools to satisfy the most stringent requirements for more than 30 years. 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 two-pole voltage testers boost working efficiency and accuracy.

Wire-end ferrules and insulated cable connectors
Ensure connections that are safe over 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.

Crimping tool
In many installations there is only a small amount of space available in the panel. That's why the PZ 6 Roto L crimping tool has a rotating crimp insert, which allows the wire-end ferrule to be inserted from the front or side.

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 life and 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-proof clamping without mechanical damage to the clamping yoke and with a voltage drop which is considerably below 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.

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Let's connect.

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