

**Precision plays a pivotal role in your cable processing**  
**No insulation is too much for our stars**  
Let's connect.

Connection technology and electrical installation



**Weidmüller** 

## Process a broad range of cable types and cross-sections

Our stars provide you with support for professional stripping

Weidmüller has been developing and manufacturing professional tools to meet the most stringent requirements for over 30 years now. When we develop new solutions, we always have a goal in mind: We want to make your job easier, to optimise processes, and to help protect the long-term productivity of your business. Our precision tools for insulation and sheath stripping ensure the precision of your stripping results – regardless of the cable type.

Stripping cables and lines without damaging the individual wires is the most important task when you strip insulation and sheathing. For consistent stripping results, you need precision tools that ensure safe working procedures and optimal processes. Your applications are as diverse as the cables used and their characteristics are varied. These range from soft to hard, from smooth to tough, and make accurate stripping a real challenge. We have managed to address this challenge successfully.

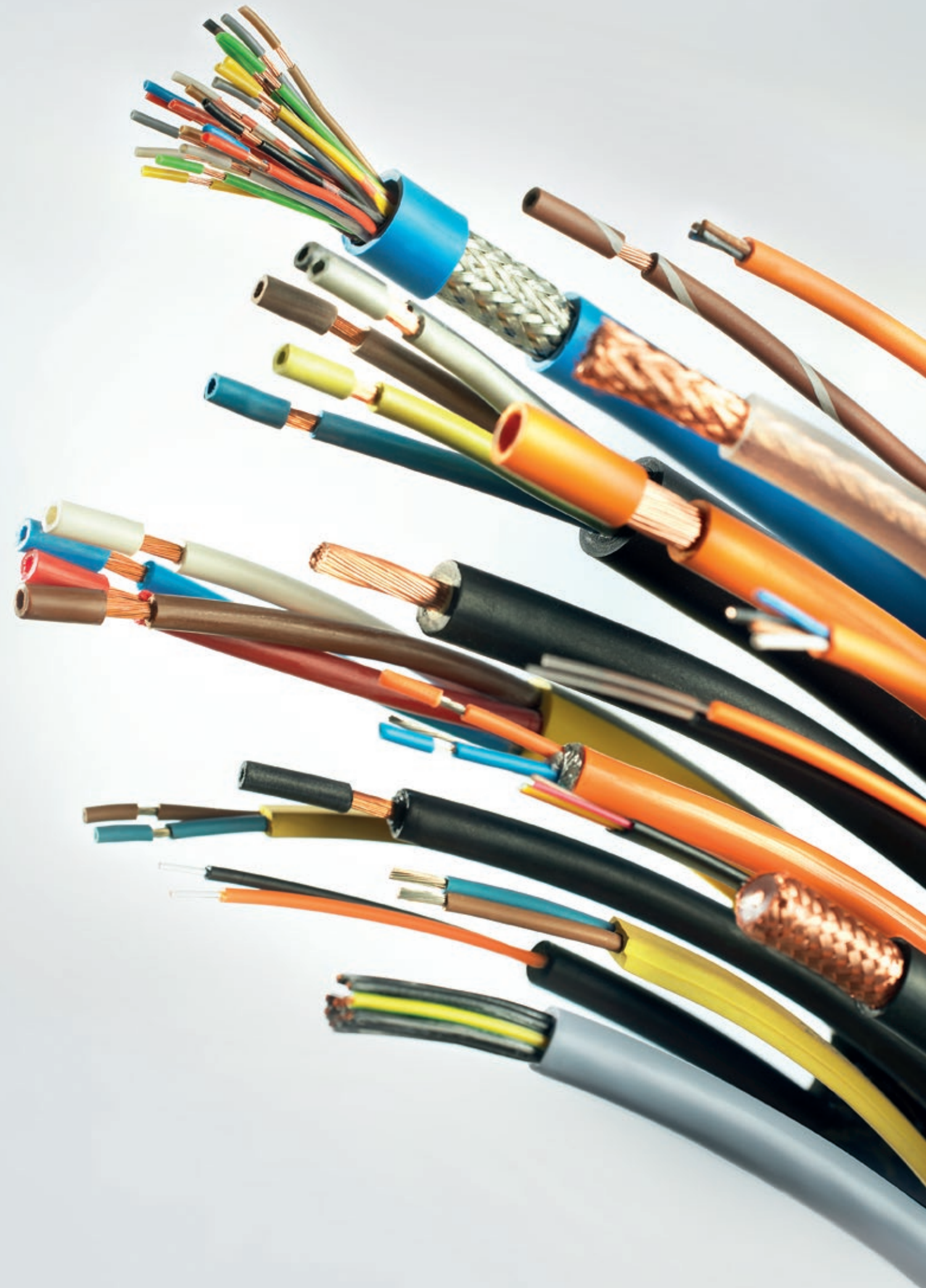
Thanks to our years of practical experience, we are continuously developing new tools to meet your professional demands. Our sheathing and insulation stripping tools not only excel by virtue of their high degree of comfort and performance, but also offer a perfect solution for every application.

Our unrivalled team of insulation and sheath stripping tools allow you to strip and sheath almost all types of cable without exception. Regardless of whether its the smallest or largest cross-sections, extremely soft or very hard cables, our precision tools are always sure to impress you with their high level of quality and reliable results. Take our new stripax® ULtimate for example, with which halogen-free and similar insulation materials with hard or smooth insulation are stripped easily, quickly and automatically. No insulation is too much for our „stars“.



Let's connect. [www.weidmueller.com/tools](http://www.weidmueller.com/tools)

Strip a vast variety of cables with little effort – with professional tools from Weidmüller.



## Insulation and sheath stripping with star appeal

The highlights of our precision tools at a glance

No matter whether you're dealing with the smallest or largest cross-sections, extremely hard or extremely soft cables, halogen-free insulation material or UL-approved lines, our stars are sure to impress you in every genre.

### 1. Simple sheath stripping in the most confined of spaces



Stripping cable sheathing in confined spaces is easier than ever with the world's smallest AM 16 sheath stripping tool. This featherweight model among the stars is particularly light and handy – for easy sheath stripping in confined spaces.

### 2. Stripping – to infinity and beyond



The multi-stripax® makes stripping any form of insulation child's play, because our hero always has the right solution at hand in the form of shaped blades for a wide range of special applications. In addition, the integrated cutting unit provides the tool with the licence to cut cables effectively.

### 3. High repeat accuracy and safe handling characteristics



The steadfast star strips data and coax cables in two or three steps in a single operation. CST steals the show with its exceptionally simple and safe handling. Once set, the result can be repeated any number of times.

### 4. Hard insulation material easy to strip at long last



stripax® ULtimate, our star with its specially developed unique set of blades, strips halogen-free UL and similar lines like a real professional without damaging the conductor.

### 5. Little effort for large cross-sections



With this star at your side, even larger cross-sections are no longer a problem. Equipped with a robust shaped blade, our stripax® 16 takes on cross-sections from 6 to 16 mm<sup>2</sup>.

### 6. Precise stripping results – time and time again



Its high reproducibility elevates our stripax® to star status among stripping tools. The self-adjusting blade scores top marks when it comes to stripping fine-stranded wire cables, flat ribbon and multi-conductor cables.

### 7. Stripping the finest cable right at the sheathing



The mini-duro-stripax® is our all-star performer for the finest of cables. Thanks to its short jaws and a cable guide in the set of blades, you can strip thin cable directly at the sheathing – with accurate results.

### 8. Optimised work processes even in harsh environments



AM 25 and AM 35 don't need any glamour. Thanks to the metal retaining clip, these stars are extremely robust and promise long-lasting service. They make it easy for you to strip round cable sheathing with a round, longitudinal or spiral cut and optimise your work processes, even under harsh conditions.



# From standard cable through to specific conductors

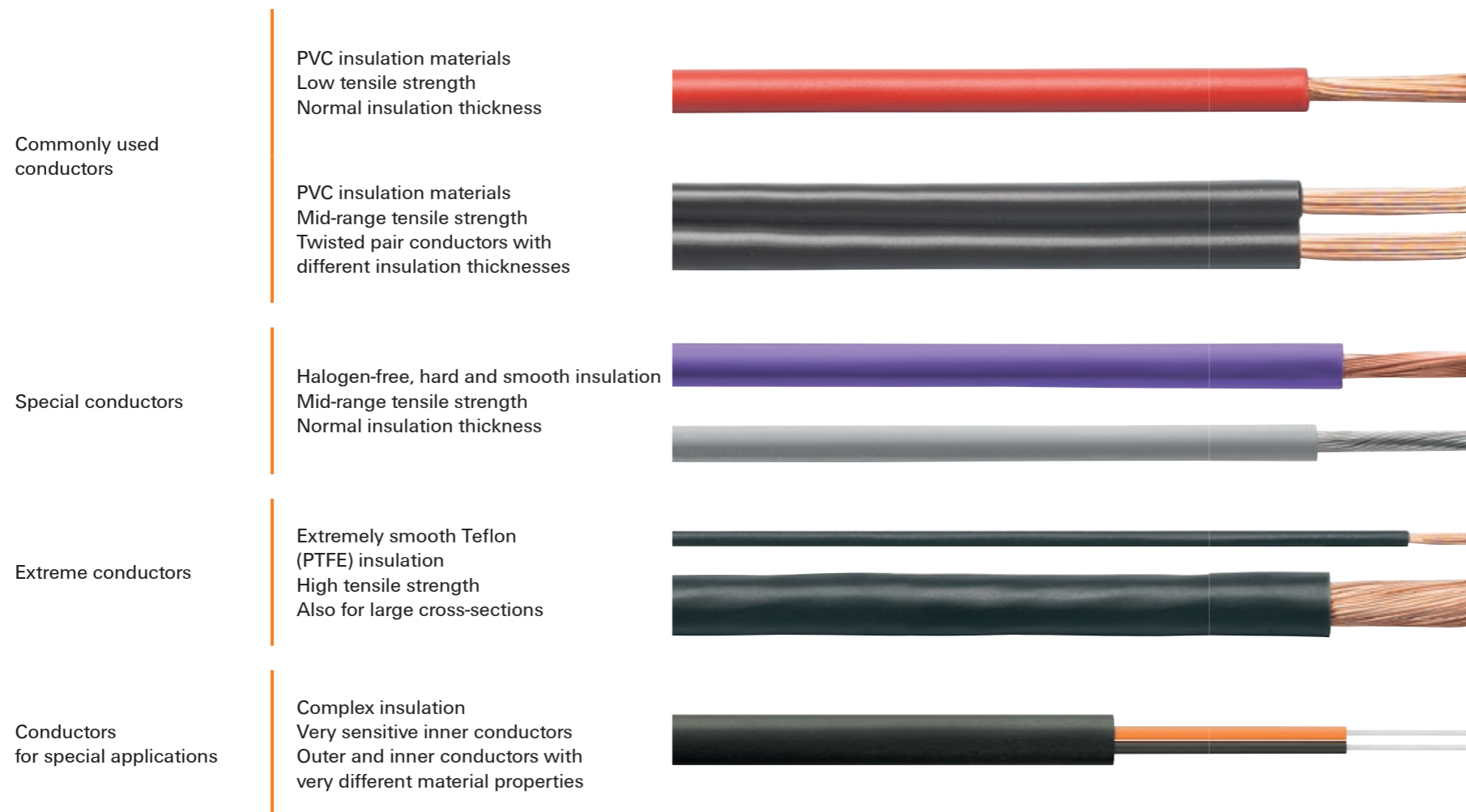
## Nothing can resist our stripping tools

EX areas, US standards in mechanical engineering and plant manufacture, special safety standards in the rail industry or elevated temperature demands in wind power installations: On account of the varying mechanical loads, standardisation systems and fire protection regulations, different cable characteristics are applicable in each field of application. This gives rise to a virtually endless abundance of cable types: with extremely hard or soft, very thick or thin insulation, with a range of tensile strengths and various materials. This diversity makes simple and clean stripping a challenge.

stripax® ULtimate complements our program of stripping tools because it strips almost all cable types. This means that halogen-free insulation materials and conductors with hard or smooth insulation are no longer a problem.

Regardless of whether you're dealing with a standard cable, application-specific cable or a cable with extreme insulation, stripax®, stripax® ULtimate and multi-stripax® form an unbeatable team making it easy for you to get to grips with any insulation.

An emerging trend towards application-specific cable types is apparent. Thanks to our expertise, we will also be on hand in the future to provide you with professional tools to meet the highest demands.



stripax®  
for commonly used conductors

stripax® ULtimate  
for special conductors

multi-stripax®  
for extreme conductors



## More than simply stripping

We offer expertise to inspire

Simple handling, safety and functionality lay the foundations for optimised processes. We show you benefits provided by our tools that simplify your work.

stripax®



### 3-stage partial stripping

Prevent the conductor from splaying by partially stripping using this unique function. Do not remove the insulation completely, but rather take off only 3 or 5 mm in order to work with the cable without any problems later on.



### Precise removal of insulation

Regardless of whether the conductor insulation is extremely thick or thin, you can easily and precisely adapt the cutting depth using the insulation thickness slider.



### Ready to continue after each work step

The integrated off-cut ejector ensures that residual insulation is automatically ejected. Manual removal is no longer necessary and you are immediately ready for action again.



**AM 16**  
Order no. 9204190000



**stripax®**  
Order no. 9005000000



**IE-CST**  
Order no. 9204350000

## AM 16

### Stabilising cable routing

The additional cable routing ensures that especially thin cables are securely held and can be stripped without slipping.



### A broad range of uses

Thanks to improved cutting depth setting, even processing of different insulation thicknesses with extremely thin-walled cable sheathing is no problem. The practical readout supports you here in fine setting the blade depth.



## CST

### Multi-stage stripping

With our sheathing stripper CST you can strip single layers of coaxial cables in up to 3 steps. You get perfect spaces for various plugs and cables – in one single operation.



### Stripping thin conductors

Our CST is convincing due to its special device insert for thin cables. It is the only sheathing stripper which can strip single layers of thin data cables with a diameter of 2.5 mm in multiple stages.



## Strip hard, halogen-free cable insulation with ease

stripax® ULtimate accelerates your cable-related processes

With its international standards, ship use imposes the most stringent requirements on cables and lines. Ship's cables often have to be routed in confined spaces, which calls for a high degree of flexibility. In addition, they must not contribute to the fire risk under any circumstances; in fact, they have to be flame-retardant, self-extinguishing and halogen-free. The resulting high impact, crack and scratch resistant qualities of the materials place great demands on conventional stripping tools.

Our stripax® ULtimate is therefore specially designed for demanding tasks like this. Its specially shaped blade makes it easy to cleanly remove the insulation from halogen-free and similar conductors.

New components, improved materials and precisely matched parts make stripax® ULtimate an especially robust stripping tool with which you can completely satisfy professional requirements.



Fulfilling the most exacting demands in terms of ship and marine cables



stripax® ULtimate  
Order no. 1468880000

## The widest range of cable types

Strip with minimal effort thanks to multi-stripax®

Photovoltaic energy is a vital component of energy production from renewable energy sources. However, the special installation of solar systems also places exceptional demands on the lines used. To satisfy the demand for absolute protection against short circuits, these lines are equipped with double insulation, which cannot be removed with conventional stripping tools. The insulation is also particularly resilient, as it has to withstand the most severe weather conditions and UV rays, as well as having to be ozone-resistant – especially in regions such as Southern Europe and Africa.

We developed multi-stripax® to cleanly separate these cable types from their insulation. The blades, specially shaped to match the cable, envelop the conductor and accurately remove the insulation. This allows you to quickly process your cable further and attach the Weidmüller PV-Stick photovoltaic connector, for example, in the next step.

The multi-stripax® stripping units can be exchanged flexibly, thus allowing you to insulate a wide range of special cables with ease using one tool and the appropriate sets of blades. This way, you always achieve a high level of quality.



High safety standards with PV systems



multi-stripax® PV  
Order no. 1190490000

## Our other wire and sheath stripping tools

For you at a glance

### Stripping tools for finely stranded and solid conductors

stripax® stripping tools guarantee you a consistent stripping result in accordance with the DIN standard. Thanks to the self-adjusting blade, stripax automatically adapts to the respective conductor cross-section. Remove conductor insulation with cross-sections ranging from 0.8 to 10 mm<sup>2</sup>. The ideal addition: stripax® 16 with the special blade shape for large cross-sections from 6 to 16 mm<sup>2</sup>.

**stripax®**  
Order no. 9005000000

**stripax® 16**  
Order no. 9005610000



### Stripping tools for conductors with the smallest cross-sections

Our mini-duro-stripax® is a stripping and cutting tool that you can use both for conductors with PVC insulation, as well as for special insulations, such as Teflon (PTFE) and silicone insulation. The mini-duro-stripax® is specially well suited for use with the smallest cross-sections and removes insulation very gently, thus ensuring that the conductor can then be optimally processed.

**mini-duro-stripax®**  
Order no. 9003500000



### Sheathing stripper for PVC round cables

Do you need an especially durable and resilient tool with which you can strip your cable sheathing even in harsh environments? With our AM 25 for diameters from 6 to 25 mm and the AM 35 for 25 to 36 mm, you can strip sheathing from cables and lines in next to no time. Thanks to the pivoting blade and the metal retaining clip, your round, longitudinal or spiral cuts work every time.

**AM 25**  
Order no. 9001540000

**AM 35**  
Order no. 9001080000



### Quantity with quality Efficient stripping with our automatic machines

Automate the processing of high amounts of cables with automatic machines from Weidmüller. By streamlining your manufacturing processes you optimise installation and save time with every operation cycle.

The electrically-operated automatic machines enable precision stripping of conductors with different types of insulation. The automatic adjustment to the respective wire cross-section and simple operation offer a high degree of user-friendliness.



## **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.



Weidmüller Interface GmbH & Co. KG  
Klingenbergstraße 16  
32758 Detmold, Germany  
T +49 5231 14-0  
F +49 5231 14-292083  
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)

Made in Germany



Order number: 1526090000/07/2014/SMKW