Metzner



METZNER AM 2900 & AM 2950

EXTENSION OF THE AM 2000 SERIES WITH A MULTI-BLADE MODULE

METZNER
Cable Processing Machines
AM 2900 & AM 2950



Special Features

The two Metzner AM 2900 and AM 2950 models are fully automatic cable processing machines that offer all the features and advantages of the powerful AM 2000 series and are additionally **equipped with a multi-blade module** that offers diverse processing possibilities.

With a total of **three pairs of blades**, these models allow, in an automatic process, the cutting to length of a cable **with a V-blade or a radius V-blade, an incision into the outer jacket with a radius blade, and additionally the „longitudinal slitting" function** with the simultaneous installation of slitting blades.

Another example is the additional stripping of inner conductors of multi-core cables with the **„inner conductor processing"** equipment, along with cutting to length with a V-blade or a radius V-blade, and making an incision into the outer jacket with a radius blade.

To reduce setup times, the multi-blade module can also be equipped with **three different radius V-blades, which then process different cable diameters without retooling, controlled by the program**.

The AM 2950 model additionally offers all the further advantages of a rotary module. This makes these two machines the most versatile models in the Metzner AM 2000 series.

Versions

The **multi-blade module** is available for these machines:

- AM 2900 fully automatic cable processing machine with standard „multi-blade module" equipment.
- AM 2950 fully automatic cable processing machine with standard „multi-blade module" equipment and a programmable „rotary module."

The „inner conductor processing" equipment is available for both models. Furthermore, all peripheral devices of the Metzner AM 2000 series are also compatible with the AM 2900 and AM 2950 machines.

Multi-Blade Module Function

- **All parameters of the multi-blade** module are **programmable and storable** via the machine software.
- When creating a processing recipe for a specific cable, the **installed blade types and their position on the multi-blade module** are entered in a dialog menu, and the machine then works automatically and program-controlled with the available blades.
- Furthermore, the models **with a multi-blade module are equipped as standard with a movable cable guide on the output side to the right after the cutting module**. This ensures the disposal of waste pieces during full pull-off or inner conductor processing.

Customer benefits

The programmable **multi-blade module** offers maximum versatility and precision. **By arranging several pairs of blades in one axis, offset errors in cable processing are reliably excluded**.

The installation of **three different pairs of blades opens up numerous additional processing possibilities** (e.g., integrated processing of inner conductors) or reduces setup times by simultaneously equipping the machine with blades for different cable diameters.





FL_Metzner AM 2900 & 2950_EN | Stand: 09.2025. All rights reserved. Technical specifications may vary. Possible spelling mistakes and inaccuracies cannot be ruled out. Image source: ©Metzner Maschinenbau GmbH.

MODEL	AM 2900	AM 2950
Cable outer diameter	0,5 mm – 15 mm	0,5 mm – 15 mm
Cable length	20 mm – 200 m	20 mm – 200 m
Cable cross-section – stranded wire	0,5 mm² – 35 mm²	0,5 mm² – 35 mm²
Feed speed max. [1]	180 m/min	180 m/min
Max. stripping length Cable start [2] | Cable end	0 mm – 180 mm | 0 mm – 125 mm	0 mm – 180 mm | 0 mm – 125 mm
Electrical connection	230 V, 50/60 Hz, 2 A	230 V, 50/60 Hz, 2 A
Compressed air connection	6 bar	6 bar
Dimensions (L x W x H) [3]	710 mm x 920 mm x 350 mm	960 mm x 920 mm x 350 mm

[1] freely and continuously adjustable | [2] at reduced speed for maximum precision | [3] without screen

Metzner Maschinenbau GmbH | Messerschmittstraße 30 | 89231 Neu-Ulm | Germany
Phone: +49 731 40199-0 | Fax: +49 731 40199-33 | E-Mail: info@metzner.com | **www.metzner.com**