Metzner



METZNER AM 2000 SAW

EXTENSION OF THE AM 2800 & AM 2850 MODELS WITH A SAW CUT

METZNER
Cable Processing Machines
AM 2800 SAW & AM 2850 SAW

Special Features

The Metzner AM 2000 SAW 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 **saw module** that allows for **length cutting with a saw**.

The saw module is fully integrated into the software of these machines. The **position of the saw cut**, t**he saw blade speed**, and the **feed rate** are entered as processing parameters via the HMI.

Versions

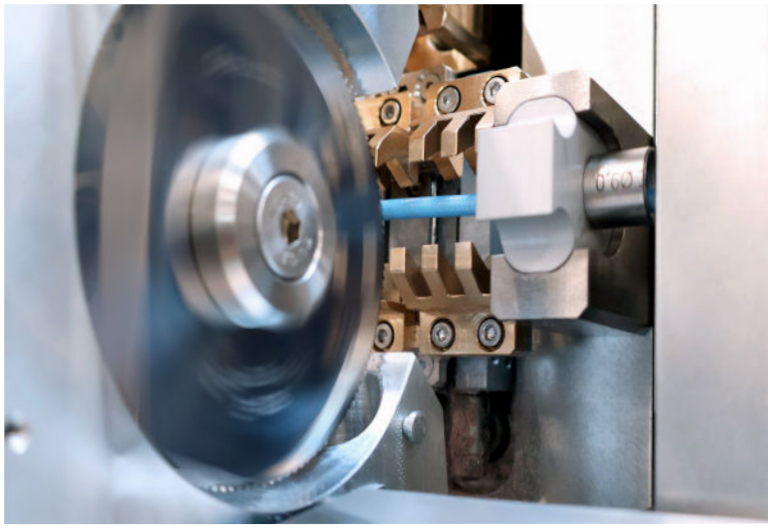
The saw cut is available for two machine models:

- **AM 2800 SAW** is a fully automatic cable processing machine with a saw module and double-blade cutting head.
- **AM 2850 SAW** – with all the features of the AM 2800 and additionally with a programmable rotary module.

All peripheral devices for the Metzner AM 2000 series are also compatible with the AM 2000 SAW models.







Saw Module Functionl

All parameters of the saw module are programmable and storable via the machine software:

- **Saw blade speed:** freely programmable from 1000 to 4600 rpm
- **Saw feed:** freely programmable from 1 mm/sec to 30 mm/sec
- **Saw blade diameter:** 80 mm
- **Saw blade width:** 0.3 mm; 0.6 mm; 0.8 mm – other versions are also available depending on the cable
- Comes standard with **2 pneumatic clamping elements**
- Comes standard with **a connection for extraction**

Customer Benefits

The saw cut of the Metzner AM 2000 models offers the solution for all cables that cannot be processed with blade sets. Typical examples are **Sucoform and Sucoflex cables or POF.**

For **Sucoform or Sucoflex cables**, the solid inner conductor is cut without crushing, precisely and at right angles to the cable axis. For **POF cables, the saw cut creates a smooth cutting surface**, which eliminates the need for post-processing by grinding to reduce damping.

Furthermore, the SAW models offer all the advantages of the Metzner AM 2800 or Metzner AM 2850 cable processing machines.

FL_Metzner AM 2800 & 2850 SAW_EN | As of: October. 2025. All rights reserved. Technical specifications may vary. Possible spelling mistakes and inaccuracies cannot be ruled out. Image source: ©Metzner Maschinenbau GmbH.

MODEL	AM 2800 SAW	AM 2850 SAW
Cable outer diameter	0,5 mm - 15 mm	0,5 mm - 15 mm
Cable length	75 mm - 1000 mm	75 mm - 1000 mm
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

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