# Metzner

METZNER AM 2800 / AM 2850

High efficiency & great results
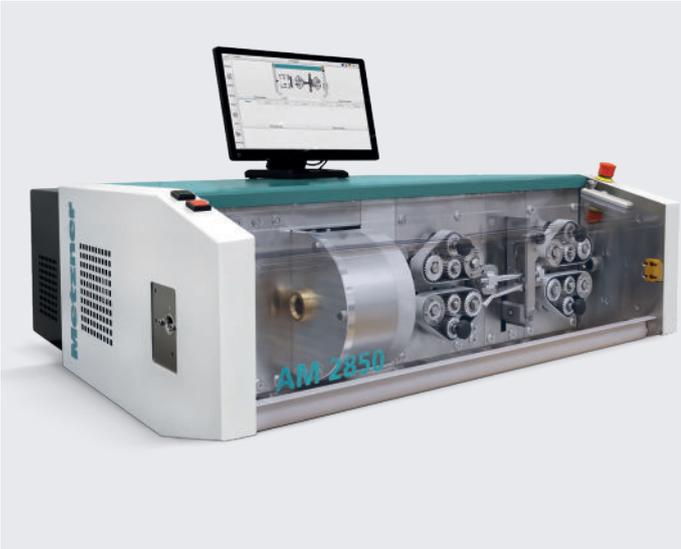
FEATURES

■ Powerful motors for cable cross-sections up to 35 mm², with outstanding torque for maximum pull-off power.

■ Newly developed rotary module (AM 2850) – for multi-layer cable processing with more precise cuts

■ Motorized 6-point clamping for cutting accuracy and flexibility, with spring-loaded drive units to ensure flawless processing

■ Double-head cutting system for extended processing, allowing efficient handling of complex tasks

■ Integrated software for inkjet/laser control and cable list management

PROCESS OVERVIEW AM 2800 and AM 2850
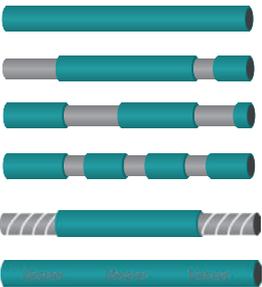
 Cutting of cables and strands

 Stripping with partial and full pull-off

 Window stripping

 Extremely long pull-offs in multiple stages

 Cutting and stripping of teflon cables

 Printing and marking
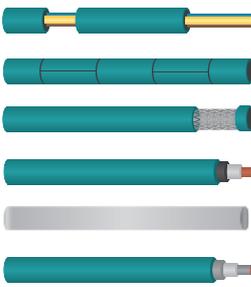
 Jacket stripping of multi conductor cables

 Incise cutting and length slitting

 Metal braid stripping with protection cap

 Multi-step stripping

 Wire processing

 Multi-step processing of coaxial cables (AM 2850 only)

ALL TECHNICAL DETAILS AT A GLANCE

Performance data	AM 2800	AM 2850
Wire size range stranded/solid	35 mm²	
Cable diameter max.	15 mm	
Length interval	0.1 mm	
Typical repeat accuracy	± (1mm + 0.2 % l)	
Feeding speed max.	590 ft/min	
Stripping length max. Cable start | Cable end	0 -180 mm | 0-125 mm	
Cable length min. | max.	20 mm | 200,000 mm	
Wire stripping force	220 N	
Equipment	**AM 2800**	**AM 2850**
Cutting system	knife	knife and rotary unit
Feeding system	belt	
Cutting	✓	✓
Stripping with full pull-off	✓	✓
Stripping with partial pull-off	✓	✓
Slitting	✓	✓
Multistage stripping	3 stages on each side	
Ribbon cable	–	–
BOM processing	✓	✓
Material end recognition	✓	✓
Cable length compensation	✓	✓
Recipe data management	✓	✓
Length measuring system	option	option
Printing interface	option	option
Interface for peripherals	option	option
IT network interface	option	option
Rotary cutting unit	–	✓
Length slitting unit	option	option
Networking / MES interface (Industry 4.0)	option	option
Remote servicing	PC integrated	PC integrated
USB/Ethernet	✓	✓
Blades	V blade, Radius V blade, Slitting blade	V blade, Radius V blade, Slitting blade, Rotary blade
Number of pairs of blades in use	2	2
Technical data	**AM 2800**	**AM 2850**
Dimensions (L x W x H)	710 mm x 920 mm x 350 mm	960 mm x 920 mm x 350 mm
Electrical connection	230 V | 50 Hz	
Compressed air connection	6 bar	
Weight	100 kg	125 kg
Drive	SPS / PC	
Display	15" touch screen	
Consumption kVA | bar	P: 0.8 kVA | approx. 50 l/min.	
Noise (idle)	< 75dB (A)	