METZNER AM 2800 / AM 2850

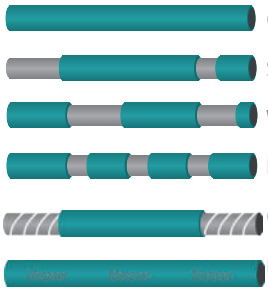
HIGH EFFICIENCY & GREAT RESULTS



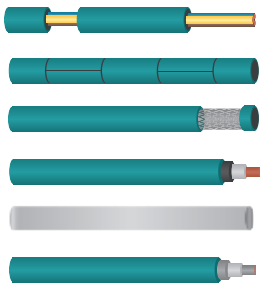
FEATURES

- 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)	