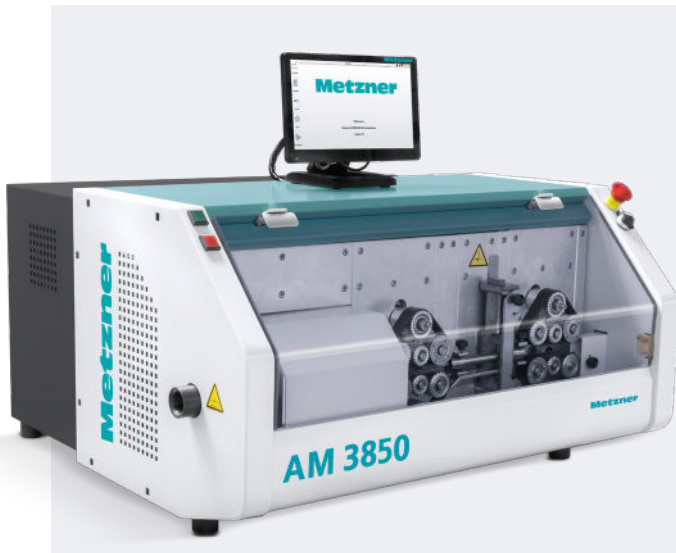


METZNER AM 3800/AM 3850

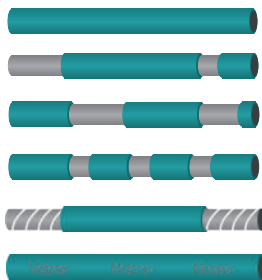
BEST CHOICE POWERFUL AND VERSATILE CABLE PROCESSING



FEATURES

- Automatic cutting to length
- Multi-stage stripping (AM 3850 also of coaxial cables)
- „Double knife cutting system” for more output
- User friendly software with touch screen
- Cable diameter up to 20 mm

PROCESS OVERVIEW AM 3800 & AM 3850



Cutting of cables and strands

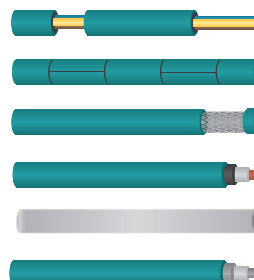
Stripping with partial and full pull-off

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 3850 only)



ALL TECHNICAL DETAILS AT A GLANCE

Performance data	AM 3800	AM 3850
Wire size range stranded/solid	70 mm ²	
Cable diameter max.	20 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	0-200 mm 0-145 mm	0-200 mm 0-145 mm
Cable length min. max.	70 mm 999 mm	
Wire stripping force	250 N	
Equipment	AM 3800	AM 3850
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 3800	AM 3850
Dimensions (L x W x H)	691 mm x 788 mm x 926 mm	928 mm x 788 mm x 926 mm
Electrical connection	230 V 50 Hz	
Compressed air connection	6 bar	
Weight	130 kg	160 kg
Drive	SPS / PC	
Display	15" touch screen	
Consumption kVA bar	P: 0.8 kVA approx. 50 l/min.	
Noise (idle)	< 75dB (A)	