

METZNER AM 5800/AM 5850

OUTSTANDING POWER FOR YOUR PRODUCTION LINE



FEATURES

- Automatic cutting to length
- Multi-stage stripping (AM 5850 also of coaxial cables)
- „Double knife cutting system“ for more output
- User friendly software with touch screen
- Cable sections up to 185 mm²
- Integrated base cabinet for stability and storage, providing space for tools, guides, and accessories

PROCESS OVERVIEW AM 5800 & AM 5850

	Cutting of cables and strands		Jacket stripping of multi conductor cables
	Stripping with partial and full pull-off		Incise cutting and length slitting
	Window stripping		Metal braid stripping with protection cap
	Extremely long pull-offs in multiple stages		Multi-step stripping
	Cutting and stripping of teflon cables		Wire processing
	Printing and marking		Multi-step processing of coaxial cables (AM 5850 only)



ALL TECHNICAL DETAILS AT A GLANCE

Performance data	AM 5800	AM 5850
Wire size range stranded/solid	185 mm ²	
Cable diameter max.	34 mm	30 mm
Length interval	0.1 mm	
Typical repeat accuracy	± (1mm + 0.2 % l)	
Feeding speed max.	492 ft/min	
Stripping length max. Cable start Cable end	0-400 mm 0-260 mm	0-400 mm 0-260 mm
Cable length min. max.	100 mm 999 mm	
Wire stripping force	350 N	
Equipment	AM 5800	AM 5850
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 5800	AM 5850
Dimensions (L x W x H)	1.010 x 970 x 1685 mm	1.376 x 970 x 1685 mm
Electrical connection	3~400 V 50/60 Hz 2,6 A	
Compressed air connection	–	6 bar
Weight	180 kg	250 kg
Drive	SPS / PC	
Display	15" touch screen	
Consumption kVA bar	P: 0,8 KVA –	P: 0,8 KVA approx. 30 l/min.
Noise (idle)	< 75dB (A)	