METZNER AM 5800/AM 5850

OUTSTANDING POWER FOR YOUR PRODUCTION LINE



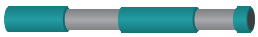
FEATURES

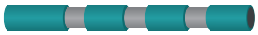
- Automatic cutting to length
- Multi-stage stripping (AM 5850 also of coaxial cables)
- „Double knife cutting system" for more output
- User friendly software with touch screen
- Cable sections up to 185 mm²
- Integrated base cabinet for stability and storage, providing space for tools, guides, and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

PROCESS OVERVIEW AM 5800 & AM 5850


Cutting of cables and strands


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 5850 only)



ALL TECHNICAL DETAILS AT A GLANCE

Performance data	AM 5800	AM 5850
Wire size range stranded/solid	185 mm²	
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)	