

METZNER AM 1000

SMALL IS PLENTIFUL – THE SMALL CABLE PROCESSING MACHINE
WITH THE MANY ADVANTAGES



FEATURES

- More flexibility: cable processing from 0.5 to 10 mm diameter
- Easier operation thanks to easy-to-read screen
- Quick change of tools without auxiliary equipment
- Winders and take-off units can be connected in parallel, also two printers
- Useable also for flat and teflon cables

PROCESS OVERVIEW AM 1000

	Cutting of cables and strands		Cutting and stripping of flat cables
	Stripping with partial and full pull-off		Cutting and stripping of teflon cables
	Jacket stripping of multi conductor cables		Stripping of very thin insulations
	Cutting of wires		Printing and marking



ALL TECHNICAL DETAILS AT A GLANCE

Performance data	AM 1000
Wire size range stranded/solid	6 mm ² 10 mm ² (after check)
Cable diameter max.	10 mm
Length interval	0.1 mm
Typical repeat accuracy	± (1 mm + 0.2 % l)
Feeding speed max.	722 ft/min
Stripping length max. Cable start Cable end	40-120 mm 0-30 mm
Cable length min. max.	20 mm 999,999 mm
Wire stripping force	180 N
Equipment	AM 1000
Cutting system	knife
Feeding system	role
Cutting	✓
Stripping with full pull-off	✓
Stripping with partial pull-off	✓
Multistage stripping	✓
Slitting	—
Ribbon cable	option (up to 10 mm width)
BOM processing	✓
Material end recognition	option
Cable length compensation	✓
Recipe data management	✓
Length measuring system	option
Printing interface	option
Interface for peripherals	✓
IT network interface	option
Rotary cutting unit	—
Length slitting unit	—
Networking / MES interface (Industry 4.0)	option
Remote servicing	PC integrated
USB/Ethernet	✓
Blades	V blade, Radius V blade, Ribbon cable blade
Number of pairs of blades in use	1
Technical data	AM 1000
Dimensions (L x W x H)	390 mm x 600 mm x 370 mm
Electrical connection	230 V 50 Hz
Compressed air connection	6 bar
Weight	28 kg
Drive	SPS / PC
Display	12" touch screen
Consumption kVA bar	P: 0.4 kVA approx. 75 l/min.
Noise (idle)	< 75dB (A)