METZNER AM 1000

AUTOMATIC CABLE ASSEMBLY MACHINE

For cutting and stripping cables, strands and wires up to 9 mm diameter and 10 mm^2 cable cross section

METZNER AM 1000

The Metzner AM 1000 is a sensation among the tabletop units. The automatic cutting and stripping machine processes cables, strands and wires up to 9 mm diameter and 6 mm^2 cable cross-section with a special cutting and pull-off force (optionally 10 mm^2; depending on material). The presettings are conveniently made via the modern 12″ touch panel, where the operator can define all processes. Another special feature is the tool-free change of wear parts and guides. This means that the AM 1000 can be changed over in just one minute. With the extensive interface preparation, the machine can be optimally expanded with peripheral devices and adapts to all customer requirements. The compact design with retractable touchscreen and the low weight of only 28 kg also offers particular convenience. This makes the AM 1000 especially easy to transport.

HIGHEST EASE OF USE THROUGH 12″ TOUCHSCREEN

- Most comfortable data entry
- Best readability
- Retractable screen

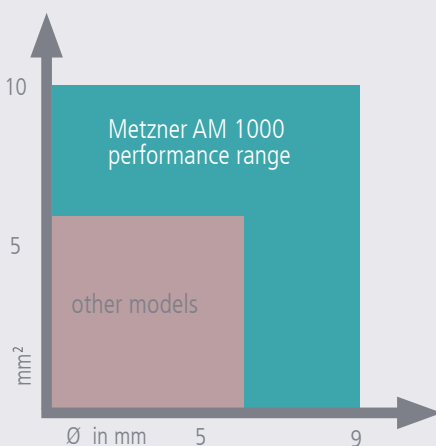## PC WITH INTEGRATED SOFTWARE

INTERFACE FOR PERIPHERALS

TOOL-FREE CHANGE

- Changeover of guide rollers, tube and knife in less than 1 min

SUPERIOR PERFORMANCE SPECTRUM

Ready for bigger tasks - 66% more power in terms of diameter and cross-section

Metzner AM 1000 performance range

other models

10

5

mm^2

Ø in mm   5   9

- More power
- More diameter
- More cross section
- Versatile in use

[1] depending on material

ALL TECHNICAL DETAILS AT A GLANCE

Functions/Programs	AM 1000
Cutting to length	✓
Stripping with full pull-off	✓
Stripping with partial pull-off	✓
Stripping in multiple steps	✓
Slitting	-
Multiple stripping	-
Flat cables	optional ≤ 10 mm Width
BOM processing	✓
Material end detection	-
Cable length correction	✓
Recipe data management	✓
Length measurement system	optional

Machine Parameters	AM 1000
Transport unit belt/roll	Roll
Networking / MES interface (Industry 4.0)	optional
Remote maintenance	✓ PC integrated
Cable cross section stranded conductor	6 mm²
max. outer diameter	10 mm
Cable length	35 mm - 99.999 mm
max. Cable transport speed	220 m/min
max. Stripping length full stripping	Cable start: 40-120 mm | Cable end: 0-30 mm
USB/Ethernet	✓
Electrical connection	230V; 50 Hz
Pneumatic connection	6bar
Dimensions in mm	390x600x370 (PC on top 540)
Weight	28 kg
Rotary cutting unit	-
Screen	12" touchscreen, tiltable