



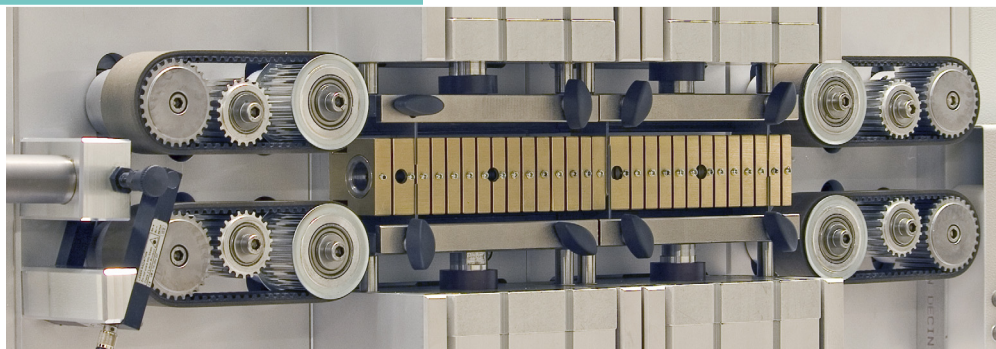
Metzner AM 4000 Series

Precision and Outstanding Output Performance

Metzner AM 4000 Series

High performance for cables up to 17.5mm diameter

Metzner



The powerful Metzner AM-4000 Series stands for precision and speed for cables of up to 17.5mm diameter. Alongside the high-performance cut-to-length and insulation equipment, the machines offer particular advantages for the processing of sensor leads with PU insulators.

Outstanding output performance

With outputs of up to 7,200 processed cables per hour, the AM 4000 machines are the fastest in the Metzner cable processing

range. This speed is achieved by special processing technology, whereby the cut-to-length as well as the stripping of the cable ends and starts are all performed in one working cycle. This makes these machines ideally suited for all applications where cables are to be processed in large numbers and production capacity is a decisive factor. The AM 4200 and AM 4400 models, with one processing head, offer a total insulation length of 150mm and/or 165mm, whilst the AM 4300 and AM 4500, with two processing heads deliver

total insulation lengths of up to 280mm and/or 310mm. Powerful but at the same time product-friendly transport conveyors guarantee impressive insulating performance.

Careful material handling

All insulation is carried out without stretching or compression of the material. Despite the high processing speeds, the cables are handled very carefully and with high precision during the transport, cutting and insulation phases.

Performance	Metzner AM 4200	Metzner AM 4300	Metzner AM 4400	Metzner AM 4500
Cable diameter max.	14.5mm	14.5mm	17.5mm	17.5mm
Cables cross section max.	70mm ²	70mm ²	95mm ²	95mm ²
Feeding speed	120 m/min	120 m/min	120 m/min	120 m/min
Stripping length (shared on 2 sides)	150 mm	280 mm	165 mm	310 mm
Number of knife blocks	1	2	1	2
Output				
125mm length	7200 pcs./h ¹⁾	7200 pcs./h ¹⁾	7200 pcs./h ¹⁾	7200 pcs./h ¹⁾
500mm length	4800 pcs./h ¹⁾	4800 pcs./h ¹⁾	4800 pcs./h ¹⁾	4800 pcs./h ¹⁾
1000mm length	3600 pcs./h ¹⁾	3600 pcs./h ¹⁾	3600 pcs./h ¹⁾	3600 pcs./h ¹⁾
2500mm length	2100 pcs./h ¹⁾	2100 pcs./h ¹⁾	2100 pcs./h ¹⁾	2100 pcs./h ¹⁾
Technical data				
Dimensions (W x H x D)	880 x 680 x 760mm	880 x 680 x 760mm	880 x 680 x 760mm	880 x 680 x 760mm
Electrical connection	230 V / 1 Ph / 50 Hz / 6 A	230 V / 1 Ph / 50 Hz / 6 A	230 V / 1 Ph / 50 Hz / 6 A	230 V / 1 Ph / 50 Hz / 6 A
Power source	Frequency controlled motor			
Compressed air requirement	6 bar	6 bar	6 bar	6 bar
Noise level	< 75 dB(A)	< 75 dB(A)	< 75 dB(A)	< 75 dB(A)
Weight	113 kg	120 kg	115 kg	125 kg

¹⁾With stripping length 20mm on both sides | Specifications are subject to change without notice.

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