



Metzner AM 3550 Semi-Rigid

Automatic cutting and stripping of semi-rigid cables

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High precision insulation stripping

Metzner



The AM 3550 Semi-Rigid from Metzner is a precision machine, with characteristics that are unique in the world. Its decisive benefit? This machine, designed for cutting to length and stripping of semi-rigid co-axial cables up to 6mm in diameter, is also capable of working with cables with extremely short lengths.

Precision at work

Compared to other models in the AM 3000 series the advance conveyor belt is positioned before the rotating head. In this way, the length precision of short cables can be optimised and a tolerance of +/- 0.2 mm is made possible.

Rotating cut

When cutting into the cable, the patented Metzner rotating cut delivers the precision demanded by this function. Depending on the requirement, up to three different cutting depths can be freely pre-programmed. The material is then positioned exactly by the integral handling system, which and provides trouble-free insulation stripping and deposits the produced parts in a cable tray. Any waste or scrap parts are sorted out and separated. Depending on the part length and the properties of the material, the processing cycle takes between 8 and 10 seconds per piece.

Simple to operate

As with all the models in the AM 3000 series, the control system is simple to understand and easy to operate. Just entering a few parameters is sufficient to get the AM3550 Semi-Rigid producing exactly and error-free. All the working parameters are freely programmable, ensuring that the machine is well prepared for the demanding process. All the process steps, as well as the current production status are shown on the easy-to-read touch screen display.

Performance	Metzner AM 3550 Semi-Rigid
Cable Types	Semi-rigid coaxial cable
Cable Diameter max.	up to 6mm (0.26")
Cable length min.	20mm (0.79")
Adjustment Possibilities	max. 3 steps in one cycle
Stripping length max. (inner diameter)	20mm (0.79")
Stripping length max. (dielectric fluid)	40mm (1.57")
Stripping length max. (outer diameter)	100mm (3.94")
Cycle Time	8 – 10 s (depending upon cable type and programming)
Tolerance	± 0,2mm (0.007") (depending on material)
Feeding speed	45m/min (0 – 2.45 ft/s), infinitely adjustable, optional 90m/min (0 – 4.9 ft/s)
Features	
Cutting system	Rotary cutting system
Feeding system	Belt feed and gripper
Blade types	V-blades (HSS)
Technical data	
Electrical connection	230V, 50 Hz, 1 kW
Power source	Electro-pneumatic
Compressed air requirement	6 bar (87 psi)
Dimensions	742 x 480 x 755mm (29.0" x 18.91" x 29.7")
Weight	155 kg (341 lbs)

Specifications are subject to change without notice.

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