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Stripping Machine ST215W

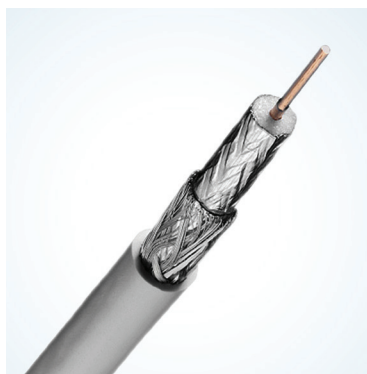
Precise stripping of coax cables

We offer professional machines for stripping coax cables and other complex wire types with rigorous quality requirements.

Coax cables and wires with small diameters are processed with the ST215W stripping machine. The wayback function ensures high stripping quality, particularly for lines with greater diameter tolerances.

The reproducible stripping of cable ends is ensured through the precise four-blade system. The insulation, the dielectric or the shielding is removed through rotative incision and subsequent pull-off. This innovative procedure enables processing of micro-coax cables and cables with Kapton or Teflon insulation. The high accuracy of the ST215W avoids damage of the conductor or dielectric, or shielding. The compact structure of the cutting head enables extremely short stripping lengths. In order not to twist stranded wires, the ST215W has the possibility of switching off the rotation at take-off.

An optional centering fixture permits high-end stripping that meets the requirements of the aerospace industry. This fixture is variably adjustable and centers the cable relative to the blades. Thus the possibility of the user influencing the stripping quality is excluded.



Technical Data

Supplies

Power supply	100-230 VAC, 47-63 Hz, 24 VDC
Compressed air	5 – 12 bar
Drive	Electric

Processable wire

Type of wire	Single wire, jacket cable, coax, etc.
Conductor	Fine braid, solid wire
Material of insulation	Teflon, PVC, Kynar, Kapton
Shielding material	Copper, stainless steel
Cable outer diameter	Max. 2.5 mm
Wire diameter	0.08 – 2.0 mm, AWG 12 – 40 [1]

Stripping length

Maximum	13 mm
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Outer jacket stripping length

Minimum	< 10 mm [1]
Partial stripping	No
Incremental stripping	No
Rotation / Twisting time	0.3 s – 6.2 s (10 Steps)
Rotation / Twisting direction	Left or right
Cutting head	Rotary head
Number of stripping blades	4

Resolution

Diameter	Infinitely
Length	Infinitely

Scale

Diameter	0.05 mm
Length	1.0 mm
Activation	Automatic with sensor or optional foot pedal

Dimensions & Weight

Length x Width x Height	210 x 54 x 126 mm
Weight	0.85 kg

[1] Depending on material and type of wire