



CUTTING AND STRIPPING MACHINE SAM2

PROCESSING OF WIRES WITH BIG CROSS SECTIONS

Adjustable parameters

The SAM2 offers the advantages of the SAM1 and convinces with additional functions such as processing bigger cross sections. The machine is equipped with a user friendly touch screen display and the machine software WireStar. The unit of length measuring as well as the operator language can easily be selected.

Flexibility for a wide range of applications

The new database functions of the cutting and stripping machine increase comfort and flexibility. Article and parameter can be saved and used for later productions.

All processing steps of the SAM2 are electronically controlled. The wire is automatically centered while prefeeding and pushing the. For the optimum cable processing, the pressing force of the transportrollers is monitored.

High production rate

The 4-blade cutting head enables simultaneous stripping of the both ends of the wire. Thus the piece number capacity is increased by more than 1000 pieces per hour (as compared to 1-blade mode). In addition, blades to an insulation length of approx. 18 mm can be stripped as standard.

Wide range of uses

The machine is suited for automatic cutting and stripping of single wires up to 16 mm² as well as round cables with a maximum outside diameter of 12 mm.

With an optionally available guide and blade kit, flat ribbon cable with a maximum width of 8 mm can also be processed. The machine can handle different insulation material such as PVC, Teflon and Silicon.

Conform with the machinery directive

The crimping machine fully complies with all CE and EMC machine guidelines (mechanical and electrical safety, electromagnetic compatibility).



TECHNICAL DATA

Processable materials

Wire	Single wire
	Cross sections: 0,02 - 16 mm ²
	Cable outer diameter: Max. 12 mm
	Fine braid, solid wire (1 mm ²), copper or other materials
	Insulation: Teflon, PVC, Silicone, etc.

Wire prefeeding

Feeding	Roller and belt drive
Wire centering	Automatic
Roll pressure	Automatic

Processing

Cutting lengths	25 mm - 999 m (< 25 mm in short cut mode)
Stripping length	1 mm - 130 mm (on one or both sides, full or semi strip)

Control

Display	Touchscreen
Memory	30 items local, numerous items in the data base
Functions	Data base and interfaces

Supplies and interfaces

Electric supply	100-230 V AC, 50/60Hz
Compressed air	6 bar
Network	RJ-45
Interfaces	RS232, Ethernet, wire de-reeler, hot stamp printer, inkjet printer

Dimensions and weight

Length x Width x Height	550 x 395 x 370 mm [1]
Weight	40 kg [1]

[1] Approximate indication for basic equipment.



FULLY AUTOMATIC MACHINE

Turn the SAM2 into a highly productive fully automatic wire processing system. The wire prefeeder ZFG50 consisting of a dereeler and wire accumulator provides for a virtually drag free presentation of the wire to the wire processing machine.

The cutting and stripping machine SAM2 is ergonomically and user-friendly placed on a processing table. Also attached to the table is the pivotable wire coiler CD-11 which sequentially loads wire in two bowls and they can be unloaded during production. (Figure shows Cutting and Stripping Machine SAM1).



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