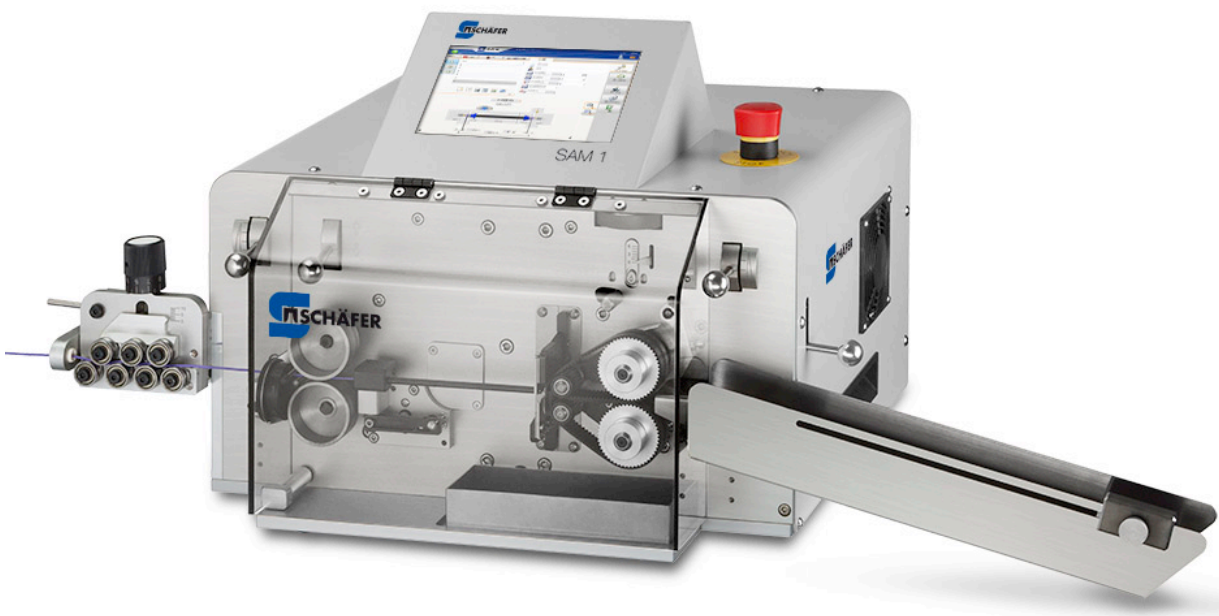
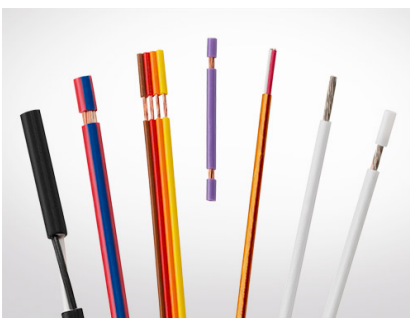


Fully Automatic Cutting and Stripping Machine

SAM1



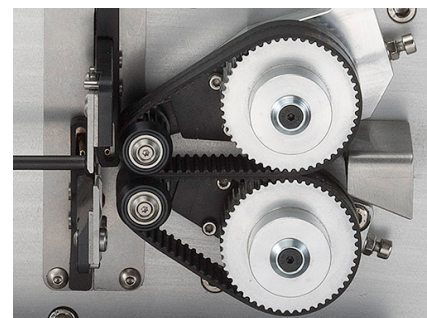
- intuitive operation via Touch screen
- simultaneous processing of both wire ends
- high production rate due to 4-blade cutting head
- standard integrated insulation blow out
- quick and easy integration of an Inkjet printing head
- standard processing of short wire lengths
- simple adaptation of different wire diameters



Various applications



Touchscreen and WireStar



Cutting head with 4 blades

Fully Automatic Cutting and Stripping Machine

SAM1



Description

The SAM1 was designed as a small and efficient bench-top wire processing machine. Due to its small size the machine can be operated in most places with a 230 Volt power hook up.

The machine is equipped with a microprocessor control and the data such as cutting and stripping length, wire size, speed etc. is entered through a user friendly touch screen display. The wire feed speed, zero cut, wire marking positions and wire length calibration can also be entered. The unit of length measuring as well as the operator language can easily be selected.

The 4-blade cutting head allows for simultaneous stripping of the leading and trailing end of the wire. As a result, the production rate can be increased by more than 1000 pcs/hr (in comparison to the 1-blade mode). In addition, wires with an insulation length of approx. 18 mm can be stripped as a standard.

The roller and drive belt pressure can be adjusted independently according to the material being processed. The guide tubes can be changed within seconds and no tools are required.

Range of Application

The machine is suited for automatic cutting and stripping of single wire up to 6 mm² as well as round cable with a maximum outside diameter of 6 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.

Product Combination Possibilities

By adding the optional wire de-reeler and a hot stamp wire marker the SAM1 becomes a cost effective wire processing system.

Technical Data

SAM1

Supplies	
Power Supply	100-230VAC, 50/60Hz
Drive	Stepper motor
Processable Wire	
Type Of Wire	Single wire
Cross Sections	0,02 - 6 mm ²
Conductor	Fine braid, solid wire (1mm ²), copper or other materials
Material Of Insulation	Teflon, PVC, Silicone, etc.
Cable Outer Diameter	max. 6 mm
Wire Prefeeding	
Feeding	roller and belt drive
Speed	adjustable
Cut Length	
Minimum	25 mm (< 25 mm in short cut mode)
Maximum	999 m
Stripping Length	
Minimum	1 mm
Maximum	130 mm, on one or both sides, full or semi strip programmable
Trim Cut	
Programmable	automatic trim cut, length fixed programmed
Partial Stripping	Yes
Cutting Head	2 + 2 blades
Resolution	
Diameter	0,01 mm
Length	0,1 mm
Network Capability	Yes
Interface Capability	RS232, Ethernet, wire de-reeler, hot stamp printer, inkjet printer (optionally)
Display	7" Touchscreen Display
Noise Level	< 65 dBA
Dimensions & Weight	
L x W x H	470 x 395 x 370 mm
Weight	approx. 30 kg
Packing	Wooden box

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