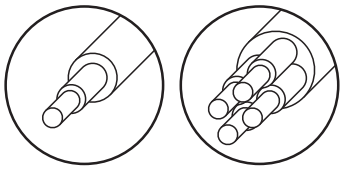
EN

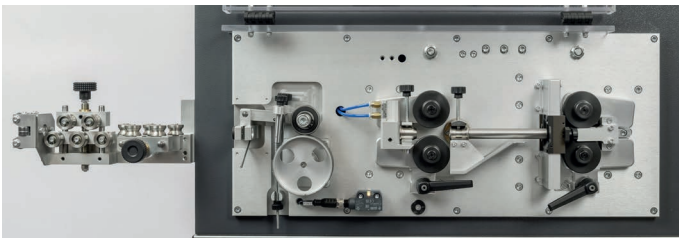
ELECTRONIC CUT, STRIP & UNJACKET MACHINE

TSA10E



For single core
and multicore cables

TSA10 is designed for the processing of insulated and uninsulated single core and multicore cables. The machine counts the batch, measures the cutting length, strips and unjackets without needing to change blades. Through an easy-to-use control panel with a 7" touchscreen display, the operator can constantly overview the work in progress, set and correct batch parameters, and receive diagnostic information.
The cable length dimension is obtained from an encoder and the cable is fed through the machine by two groups of drive rollers. The cutting unit and blades are designed to ensure maximum reliability and longevity.
TSA10 is equipped for inline processing with other Samec machines, including motorized cable dereelers, prefeeders, wire markers and stackers – the machines are linked by interface connectors, allowing signal exchange between machines and centralized management of emergencies.
Manufactured using high quality methods and materials, the machine guarantees long term durability. The case is constructed in welded metal and all mechanical details are treated to prevent environmental oxidation.The mechanical movement components are assembled on bearings and the sliding shafts are ground, hardened and mounted on bushings. Electronic parts are produced with reliability and functionality in mind, using high integration components, while the top quality pneumatic parts can be easily found in Europe and abroad. The electrical system conforms to EN60204-1 industry regulations.



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Italian Technology Quality

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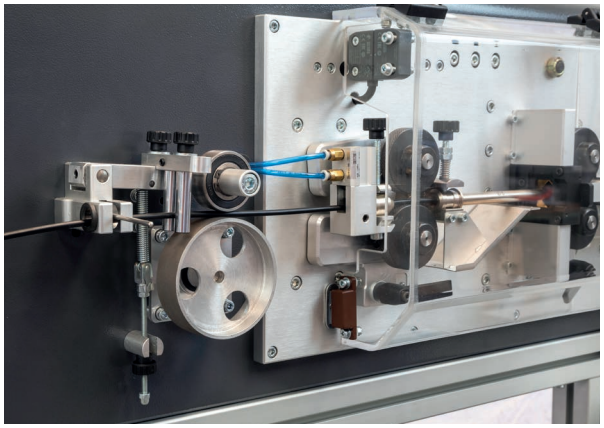
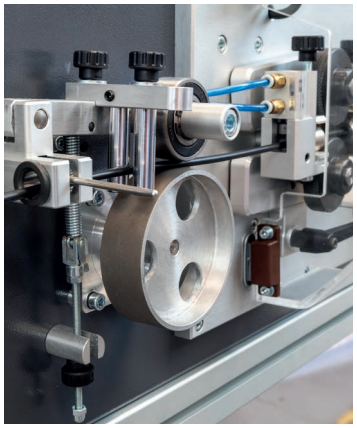
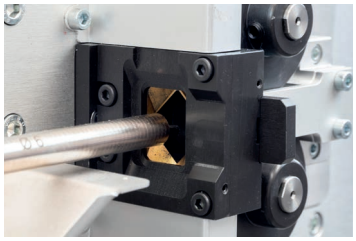
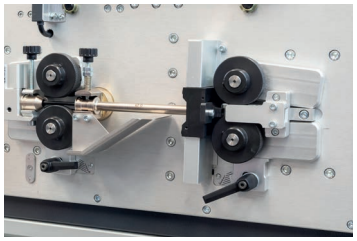


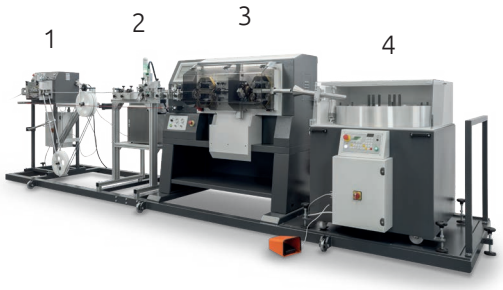


Some details

TECHNICAL SPECIFICATIONS

Data setup	By touchscreen display, data visible on backlit display
Code storage	Max 1000
Programmable number of pieces	Max 9,999
Lots	Programmable
Processing length	50 mm - 500 m
Cable length control	With external encoder
Processing diameter	0,2 mm - 9 mm
Flexible multicore cable cross-section	0.20 mm^2 - 16 mm^2
Insulation displacement length	Programmable
Stripping and unjacketing length	Programmable
Feed speed	Max 2 m/ sec
Acceleration and deceleration ramps	Programmable
Connectors and kits for accessories	Prefeeder or dereeler, hot stamp and inkjet marker, linear stacker or coiler
Power supply absorption	230V - 50/60 Hz - 3A
Air supply	6 bar uninterrupted
Overall dimensions	700 x 700 x H 1280 mm
Weight	80 Kg



Inline assembly example:
1. Prefeeder
2. Inkjet marker
3. Cut, strip & unjacket machine
4. Coiler

ACCESSORIES INCLUDED:
- 1 steel cable guide kit, diameter: 4, 6 mm.
- Steel blades for cable processing: cut, strip and unjacket

ACCESSORIES AVAILABLE UPON REQUEST:
- Steel cable guides, diameter: 2, 8, 10 mm.
- Upon request we can also supply blades with different edge radiuses for special cables. We can also supply carbide tipped blades for processing silicone cables.
- Cable straightener kit (Some coiled cables must be straightened before they can be processed.)
- The machine is supplied with knurled steel rollers. Upon request, we may supply rollers with a polyurethane covering.
- Support base

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