

CRIMPING MACHINE EPS 2001 WITH SLIDE TABLE FOR AIRBAG CONNECTORS

PRODUCTION OF CABLES FOR AUTOMOTIVE INDUSTRY

High precision wire processing

The machine is designed for stripping and crimping of two single wires or two-core cables to terminals for Airbag systems.

The operator inserts the terminals and wires to be processed into a specific mold and the crimping process is started automatically after the sliding table has been pushed in. The robust machine design enables high durability and reproducibility of the crimp connections.

The modular structure of the automatic crimping machine stands for short set-up times and numerous expansion options.

Wide range of use options

A high degree of flexibility and diverse applications are made possible by the simple changeover to another product to be processed.

For crimping different terminals, crimp applicators can be easily exchanged using the quick-change device.

The ideal speed for the crimping process can be individually adjusted according to the existing terminal properties.

Quality assurance options

The integrated crimp force monitoring reliably detects false crimps during the production.

To support quality assurance, the products are verified with a barcode scanner and sensors are used to check availability in the mold.

Faulty cables are cut with the bad part cutter, thus preventing them from being used in downstream processes.

Modern operating interface

The touch screen control has an intuitive user interface for easy and safe operation of the crimping press in various languages.

Selecting different user roles and operating modes as well as machine networking functions provides flexible and modern process sequences.

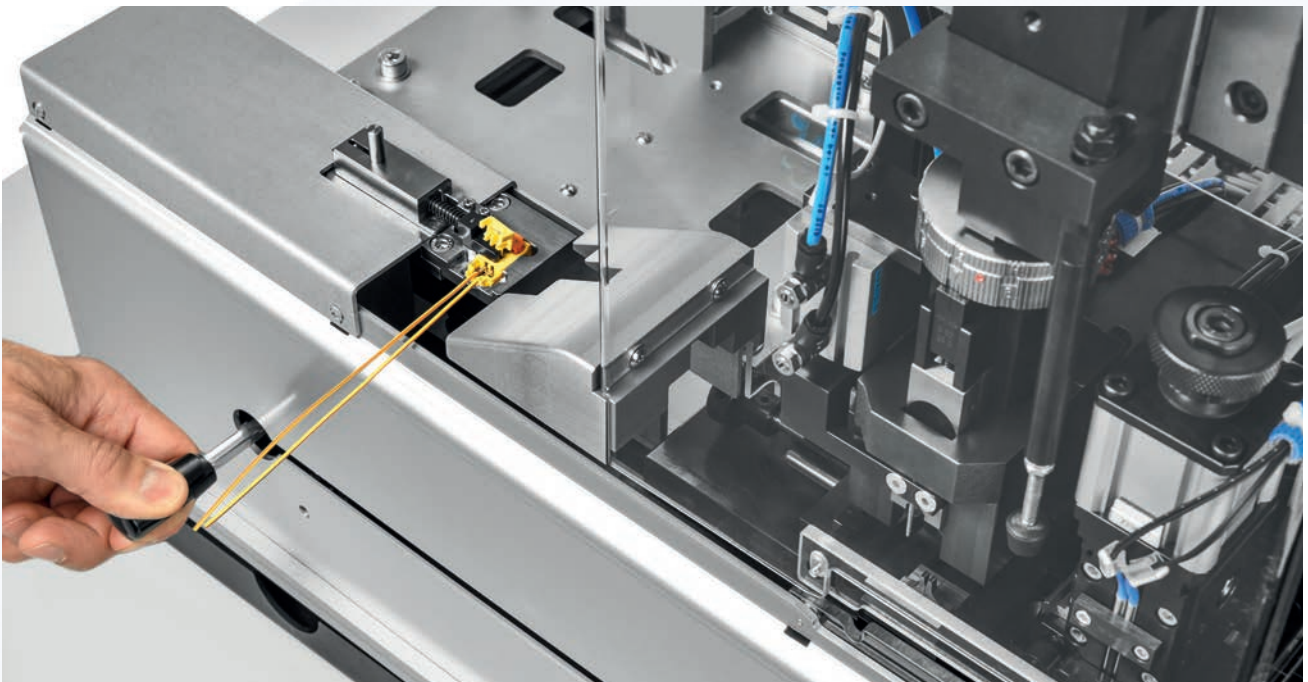
PRODUCTION OF CABLES FOR AUTOMOTIVE INDUSTRY

High safety for the operator

The safety of the operator during processing of the crimping machine is ensured by a monitored safety device. Removal of protective covers interrupts the electrical safety circuit and the machine is stopped. For safe test operation after changeover and after maintenance work, the machine is equipped with the proven handwheel.

Conform with the machinery directive

The crimping machine for production of high quality connections fully complies with the European directives regarding mechanical and electrical safety as well as electromagnetic compatibility.



Base equipment

- Sliding table
- Machine cover
- Zero cut module
- Stripe chopper
- Crimp force monitoring
- Trash box

Optional extensions

- Crimping applicator
- Specific mold for table
- Specific stripping blades
- Specific wire gripper
- Vacuum cleaner
- Barcode scanner
- Bad part cutter
- Color sensor
- Foot switch
- Networking module
- Remote service module

TECHNICAL DATA

Processable materials

Wire	Two single wires or two-core cables
	Wire cross section: [1]
	2x 0.35 mm ²
	2x 0.50 mm ²
Terminals	Airbag system connectors

Performance and geometry

Drive	0.75 kW three-phase motor
Motor speed	440 – 2000 RPM
Pressing force	20 kN
Stroke	40 mm
Closing height	135.78 mm

Controls

Software	STI 2015
Display	Touchscreen

Supplies and interfaces

Power supply	230 V, 50/60 Hz
Compressed air	6 bar
Network	RJ-45

Dimensions and weight

Width x Depth x Height	800 x 900 x 550 mm [2]
Weight	145 kg [2]

[1] Depending on the configuration of wire and terminal.

[2] Approximate indication for basic equipment.



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