



CRIMPING MACHINE EPS 2002 SCM

THE MODERN MACHINE CONCEPT

Innovative framework

The SCM has been designed for stripping and crimping multi-core wires, with advanced quality assurance functions. This was based on a wide variety of products for cable assembly, optimization of retooling work and compliance with high quality standards.

Modular machine concept

The modular components of the innovative machine concept reduce set-up times and increase flexibility for processing a wide range of products. The framework and functional design provide the prerequisite for immediate conversions and extensions.

Modern housing

The newly developed machine housing provides installation space for additional control technology and other automation components, for example for automatic feeding and positioning of seals or ferrite cores. The standard integrated LED lighting ensures a good view in the working area.

Cutting monitoring during stripping

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THE MODERN MACHINE CONCEPT

Intuitive operating software

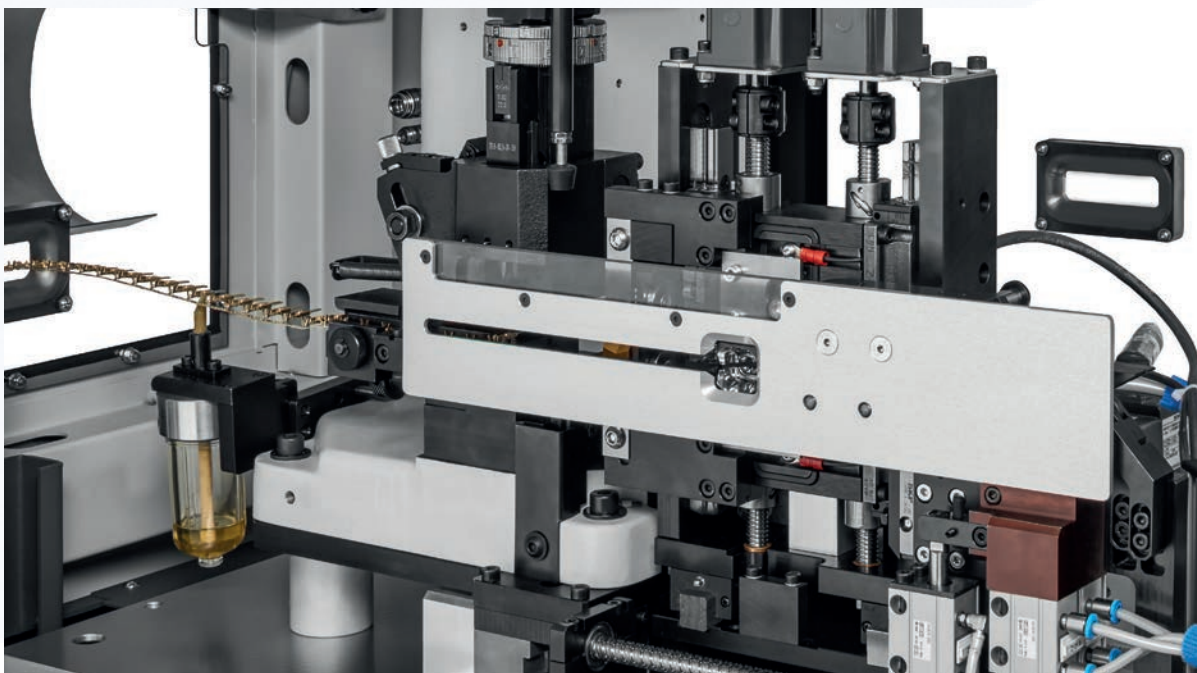
The touch screen control has an intuitive user interface for easy and safe operation in various languages. Selecting different user roles and operating modes as well as machine networking functions provides flexible and modern process sequences.

To adapt the crimping machine to the processed material, a large number of parameters can be precisely set via the machine control, for example the zero cutting and stripping length, cutting depth and crimp position.

Innovation through commitment

In summary, the crimping machine with cutting and crimp force monitoring provides you with the following advantages:

- Flexible workspace for versatile application
- Modular design for extensions and automation
- High product quality through monitoring devices
- Intuitive operation with touch screen control
- High degree of safety for operators



EQUIPMENT

Base equipment

- Eccentric press
- Machine cover
- Stripping module
- Trash box
- LED lights

Optional extensions

- Zero cut module
- Crimp process monitoring
- Bad part cutter
- Paper winder
- Foot switch

TECHNICAL DATA

| | |
|---------------------------------------|---|
| Processable materials | |
| Wire | Single wires Wire cross section: 0.05 to 6 mm ² [1] |
| Terminals | Transversely belted stripes |
| Processing | |
| Stripping lengths | < 10 mm [1] |
| Sheath-removal lengths | > 10 mm [1] |
| 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 | |
| HMI | STI 2015 |
| Display | Touchscreen |
| Connection data and interfaces | |
| Power supply | 230 V, 50/60 Hz |
| Compressed air | 6 bar |
| Network | RJ-45 |
| Dimensions and weight | |
| Width x Depth x Height | 1560 x 700 x 1950 mm [2] |
| Weight | 450 kg [2] |

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

[2] Approximate indication for basic equipment.



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