



CrimpLine 240-ST EXTENDED

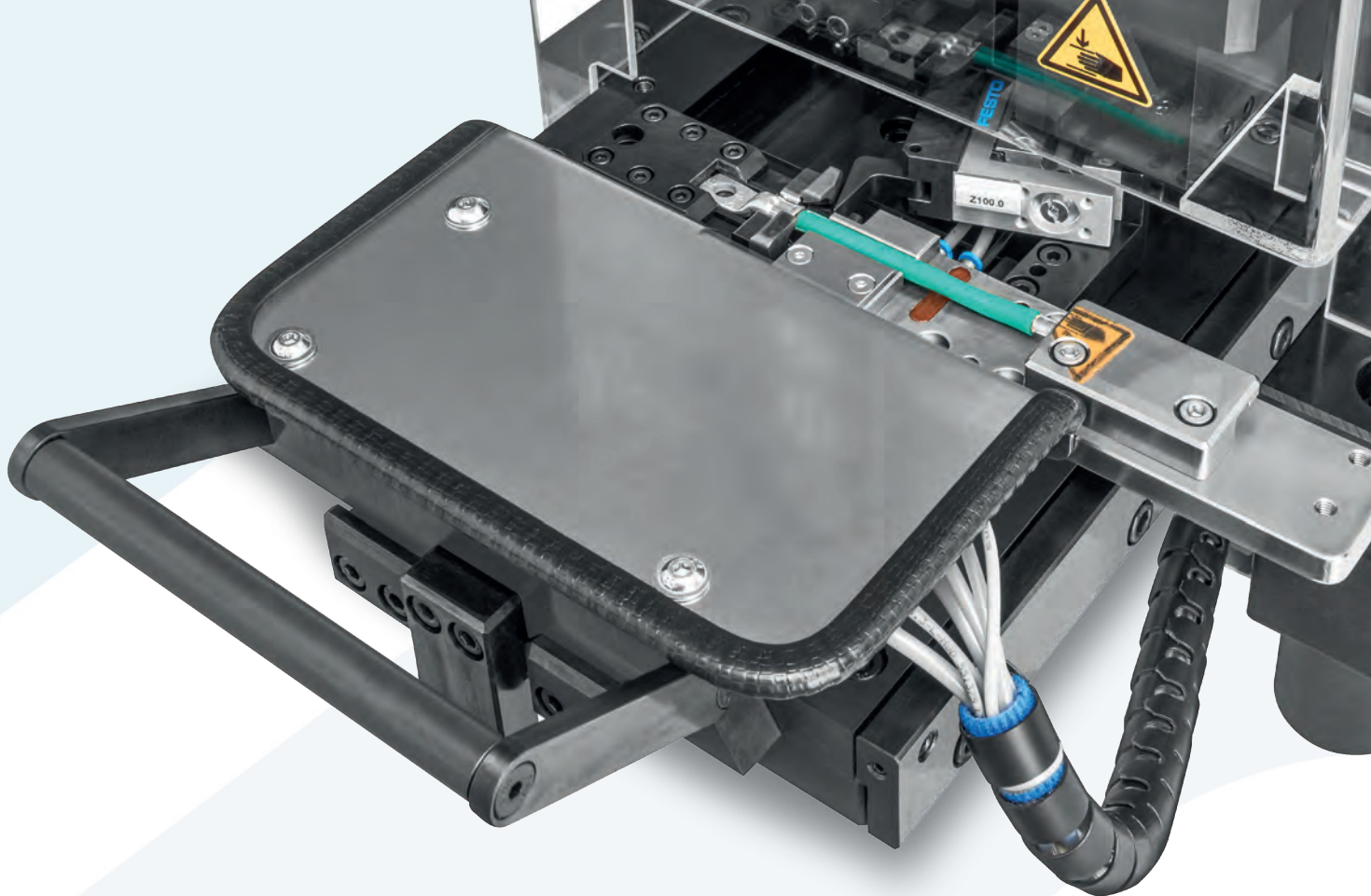
CRIMPING MACHINE FOR CONNECTIONS WITH TUBULAR CABLE LUGS

Production of Cables for E-Mobility

The high-performance crimping machine is designed for the production of high-voltage connectors for the highest quality requirements in electromobility.

Pre-assembled components are inserted into the machine by the operator and the crimping process is started automatically. The robust machine design enables high durability and reproducibility of the crimp connections.





CRIMPING MACHINE FOR CONNECTIONS WITH TUBULAR CABLE LUGS

Quality Assurance Functions

Optical control functions check the completeness of the components inserted in the sliding tray and thus support quality assurance.

Crimp force monitoring reliably detects faulty crimps in order to sort out the cables concerned and not use them in the further process.

Wide Range of Use Options

A high degree of flexibility is made possible by the simple changeover to another product to be processed. The flexible sliding table can be easily converted to accommodate the respective terminal variant, so that the changeover to the other product can be made quickly. The ideal speed for the crimping process can be individually adjusted according to the existing terminal properties.

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.

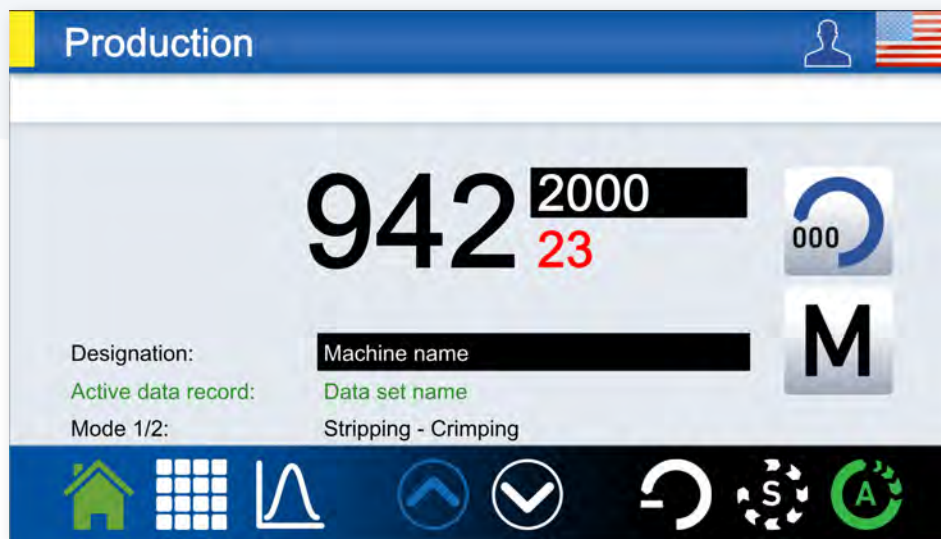


MODERN OPERATING INTERFACE

Machine Control Software

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

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



EQUIPMENT OF THE MACHINE

Base Equipment

- Crimping machine
- Machine cover
- Sliding tray
- Crimp force monitoring
- Optical control

Optional Extensions

- Foot switch
- Networking module
- Remote service module
- Individual terminal fixtures



TECHNICAL DATA

Processable materials

Wire	Single-core jacketed cables
	Wire cross section: 6.0 mm ² [1]
Terminals	Tubular cable lugs

Performance and geometry

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

Controls

HMI	STI 2015
Display	Touchscreen

Supplies and interfaces

Power supply	3x 400 V, 50/60 Hz
Compressed air	6 bar
Network	RJ-45

Dimensions and weight

Width x Depth x Height	670 x 900 x 670 mm [2]
Weight	160 kg [2]

[1] depending on material and terminal geometry

[2] approximate specification in basic equipment

CONTACT US

Schäfer Werkzeug- und Sondermaschinenbau GmbH

Dr.-Alfred-Weckesser-Straße 6
76669 Bad Schönborn
Germany
Phone: +49 7253 9421 0
Fax: +49 7253 9421 94
E-Mail: info@schaefer.biz

FURTHER INFORMATION

WWW.SCHAEFER.BIZ

