



CRIMPING MACHINE EPS 3000 FOR HPS40-2 CONNECTORS

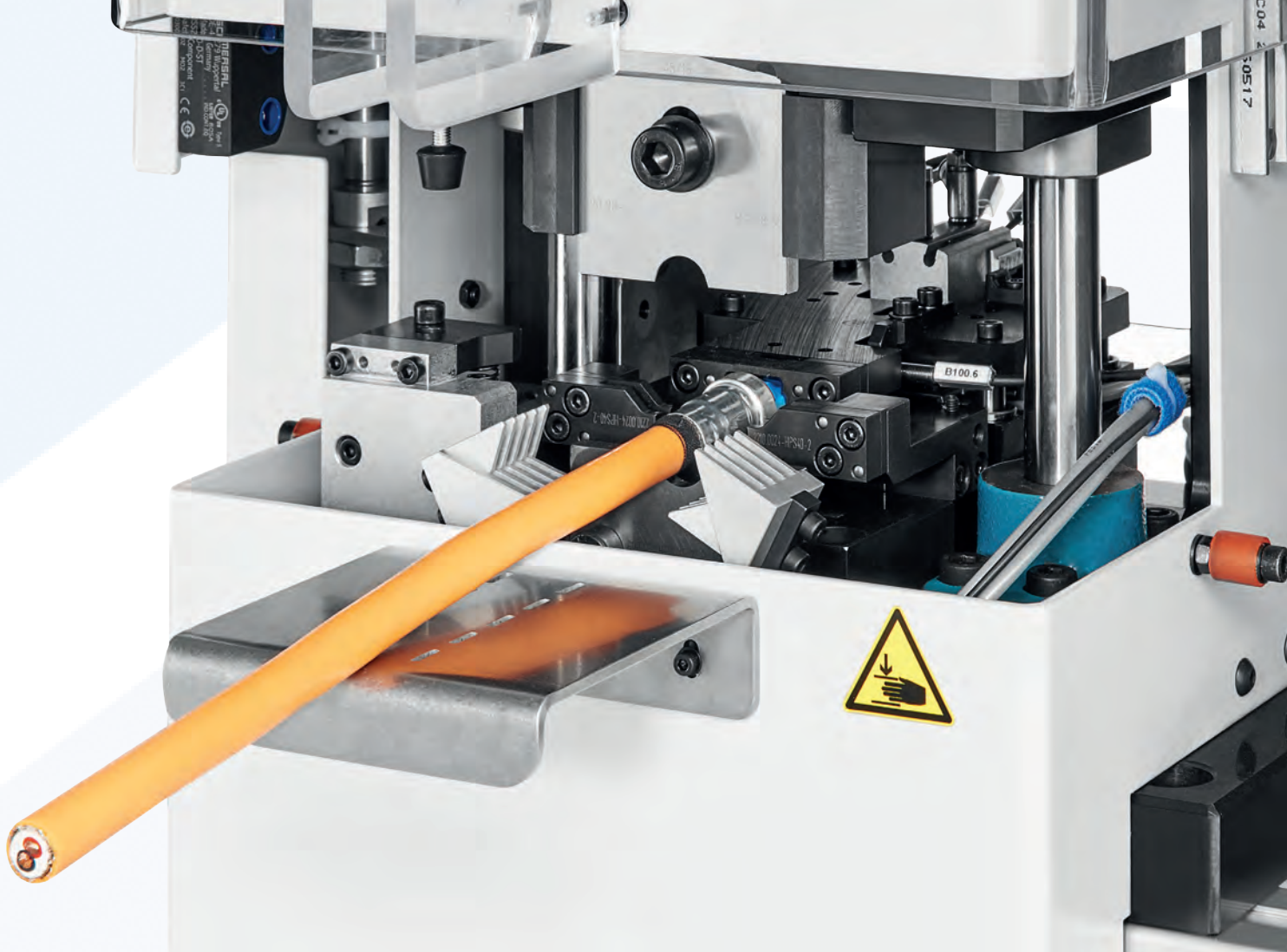
PROCESSING OF HIGH VOLTAGE CABLES

Connecting of sleeves and cables

The extensively equipped machine is designed for crimping sleeves on sheathed cables.

The pre-assembled HPS40-2 connectors on high-voltage cables are inserted by the operator and the crimping process starts automatically. 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.





PROCESSING OF HIGH VOLTAGE CABLES

Functions for quality assurance

The optional crimp force monitoring reliably detects false crimps during the production to support the quality assurance.

Faulty cables can be sorted out, thus preventing them from being used in downstream processes.

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 in terminal and wire processing fully complies with the European directives regarding mechanical and electrical safety as well as electromagnetic compatibility.

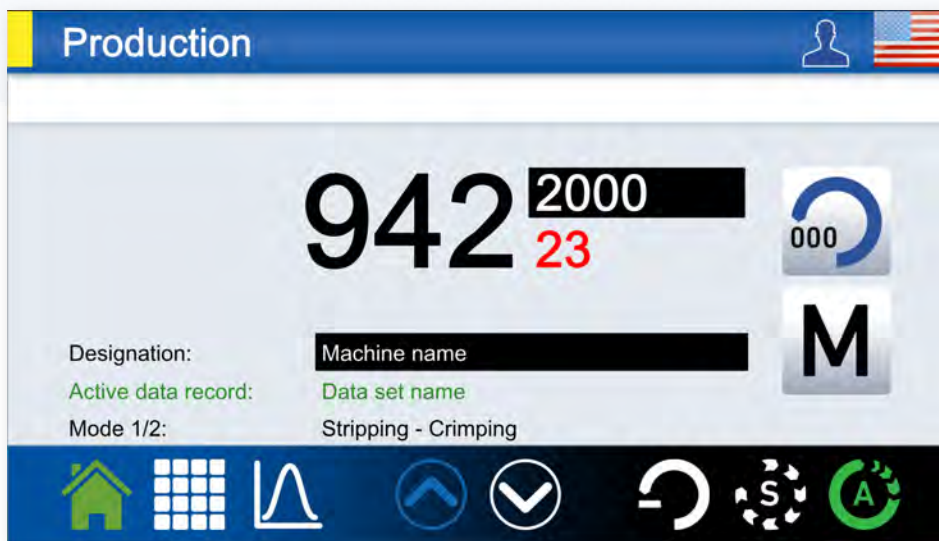


MODERN OPERATING INTERFACE

Machine control software

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.



EQUIPMENT OF THE MACHINE

Base equipment

- Eccentric press
- Machine cover
- Foot switch

Optional extensions

- Crimp force monitoring
- Networking module
- Remote service module



TECHNICAL DATA

Processable materials	
Wire	Two-core sheathed cables
	Wire cross section: 2.5 mm ² , 4.0 mm ² or 6.0 mm ² [1]
	Cable outer diameter: 12 mm [1]
Terminals	Single HPS-40 plugs
Performance and geometry	
Drive	1.1 kW three-phase motor
Motor speed	440 - 2000 rpm
Pressing force	30 kN
Stroke	45 mm
Closing height	164.5 mm
Controls	
HMI	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	770 x 670 x 640 mm [2]
Weight	172 kg [2]

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

[2] Approximate indication for basic equipment.

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FURTHER INFORMATION

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