

TransLine 240 ADVANCED HCT4

CRIMPING MACHINE FOR PROCESSING OF HIGH VOLTAGE CABLES

Preparation for HPS40 Connectors

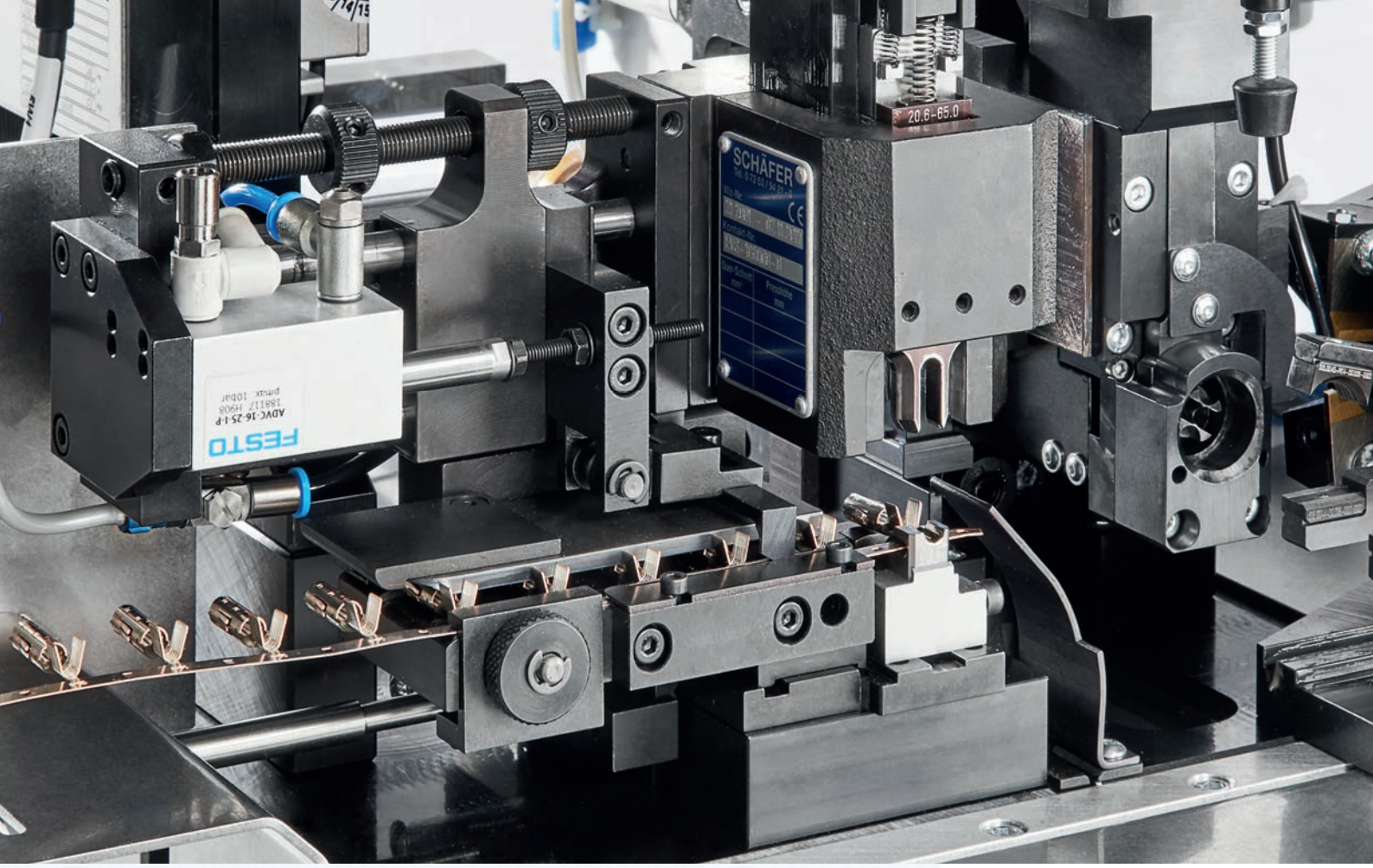
The comprehensively equipped machine is designed for stripping two-core sheathed cables and crimping of HCT4 terminals for HPS40 connectors.

The wires to be connected are inserted by the operator and the crimping process starts automatically when the sensor in the stripping unit is touched. 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.



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CRIMPING MACHINE FOR PROCESSING OF HIGH VOLTAGE CABLES

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 Functions

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

To support quality assurance, faulty cables are cut with the bad part cutter, 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.

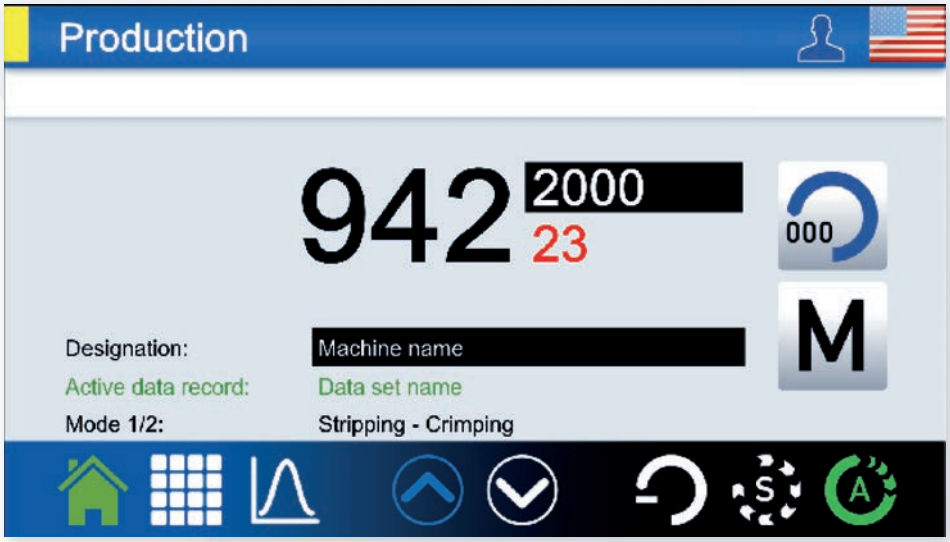
For safe test operation after changeover and after maintenance work, the machine is equipped with the proven handwheel.

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

- Machine cover
- Crimp force monitoring
- Zero cut module
- Stripping unit
- Bad part cutter
- Foot switch
- Trash box

Optional Extensions

- Slide cover
- Specific wire gripper
- Vacuum cleaner
- Paper winder
- Color detection
- Networking module
- Remote service module
- Stripe chopper



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]
	Sheath-removal length: 29 mm [1]
Terminals	Transversely belted HCT4 terminals
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
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	830 x 600 x 700 mm [2]
Weight	142 kg [2]

[1] Depending on the configuration of wire and terminal.
[2] Approximate indication for basic equipment.

CONTACT US

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FURTHER INFORMATION

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