

## FerriteLine 240 ADVANCED

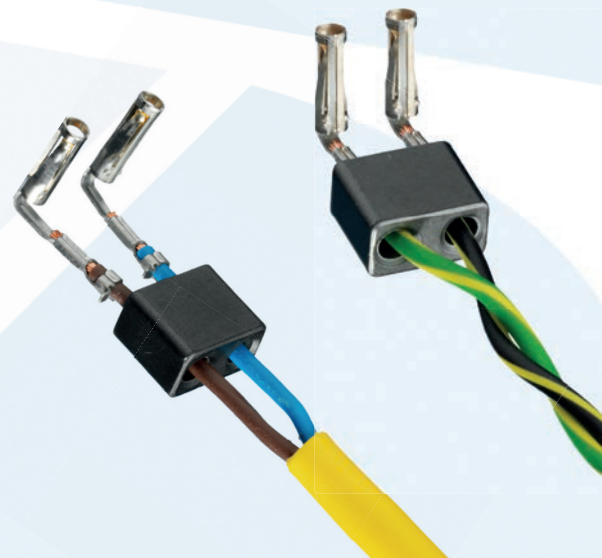
### CRIMPING MACHINE FOR PROCESSING OF FERRITE CORES

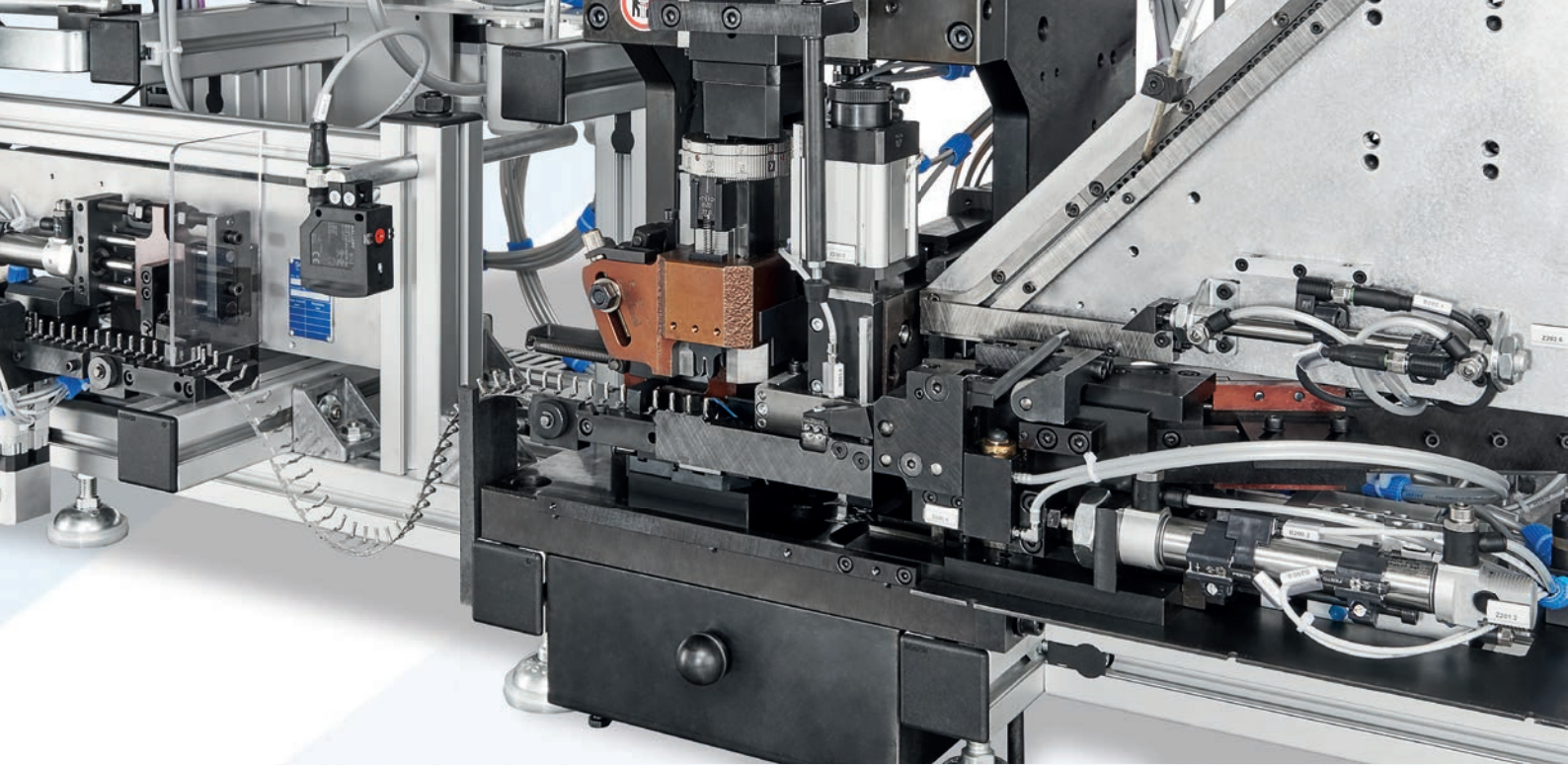
#### Connecting Multi-Core Cables

The comprehensively equipped machine is designed for stripping and equipping two wires with ferrite cores as well as for crimping with previously bent terminals.

The individual ferrite cores are brought into the correct position in a conveyor pot and are supplied via a feed rail. Terminals to be manufactured are formed by a bending unit and then fed to the crimping process.

Wires are inserted by the operator and in the following steps automatically equipped with ferrite cores and connected to the terminals. The robust machine design enables high durability and reproducibility of the crimp connections.





## CRIMPING MACHINE FOR PROCESSING OF FERRITE CORES

### 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



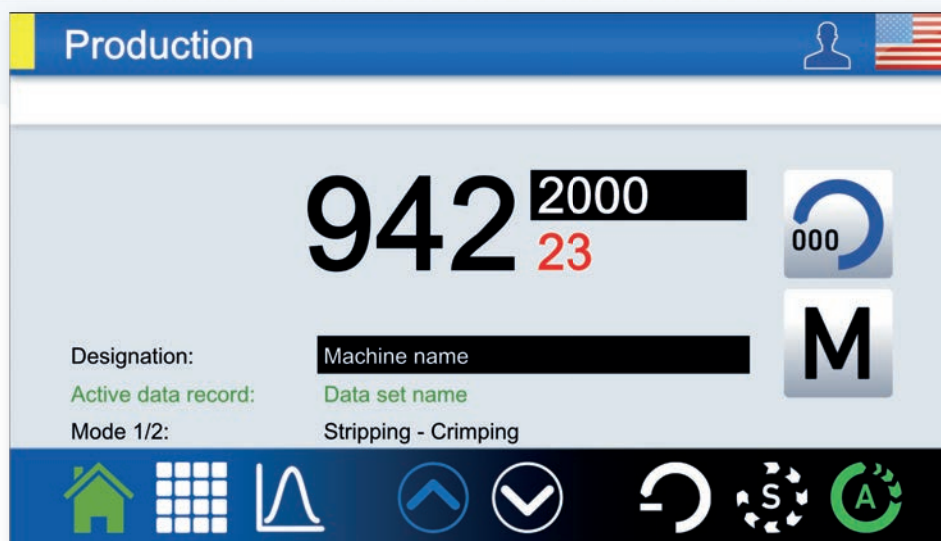


## MODERN OPERATING INTERFACE

### Machine Control Software

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

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



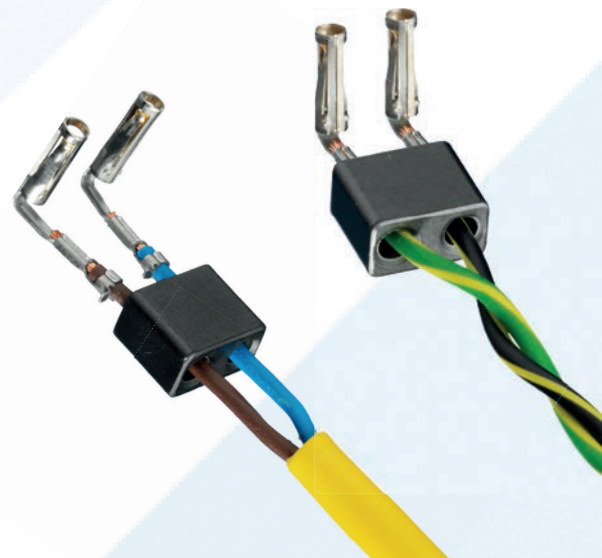
## EQUIPMENT OF THE MACHINE

### Base Equipment

- Crimping machine
- Machine cover
- Ferrite feeding unit
- Zero cut module
- Stripping unit
- Bad part cutter
- Crimp force monitoring

### Optional Extensions

- Specific wire gripper
- Vacuum cleaner for stripping leftovers
- Paper winder
- Bending unit
- Color detection
- Networking module
- Remote service module
- Stripe chopper



# TECHNICAL DATA

## Processable materials

Wire	Two individual wires, two-core sheathed cables, two-core twisted cables
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Wire cross section: 0.35 - 0.5 mm <sup>2</sup> [1]
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Terminals	Transversely belted stripes
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## Processing

Stripping lengths	Max. 7.5 mm [1]
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Sheath-removal lengths	Min. 40 mm [1]
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## Performance and geometry

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

HMI	STI 2015
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Display	Touchscreen
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## Supplies and interfaces

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

Width x Depth x Height	1600 x 650 x 900 mm [2]
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Weight	218 kg [2]
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[1] Depending on the material and the geometry of the materials to be processed.

[2] Approximate indication for basic equipment without attachments, e.g. contact feeder.

## CONTACT US

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## FURTHER INFORMATION

**[WWW.SCHAEFER.BIZ](http://WWW.SCHAEFER.BIZ)**

