



PlugLine 345-3 EXTENDED

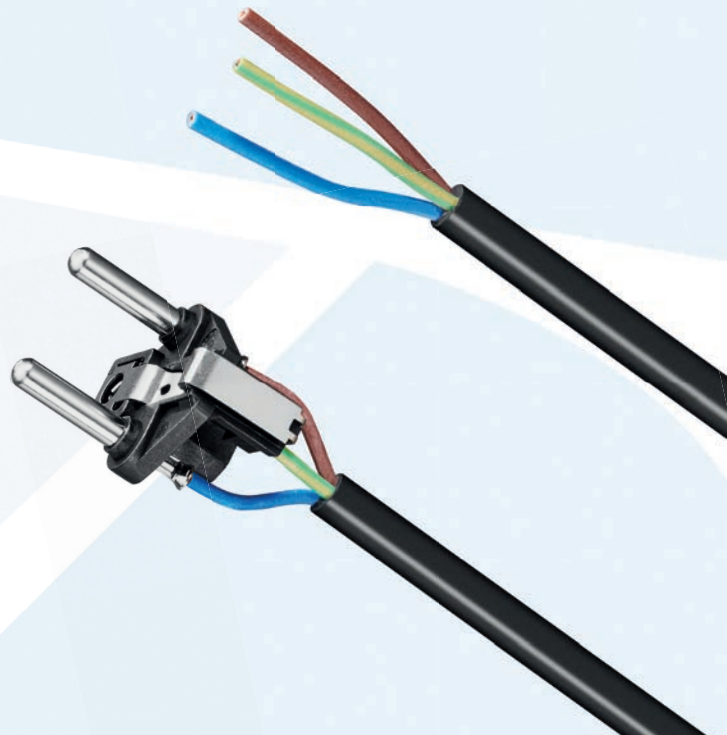
CRIMPING MACHINE FOR CONNECTIONS WITH POWER PLUGS

Connecting Multi-Core Cables

The high-performance crimping machine is designed for the economical production of high quality power cables. Crimp connections are made between two- or three-core sheathed cables and power plugs.

Automatic Terminal Feeding

In the wire processing machine, the loose power plugs are positioned with a spiral conveyor. The components to be connected are automatically fed to the crimping process via a conveyor rail.



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Precise Reference and Stripping

The closed insertion mask and colour detection supports the correct feeding of the cables by the machine operator.

The cables are fed manually, cut to a reference length and stripped. A vacuum system removes insulation and wire residues from the process area.

Options for Quality Assurance

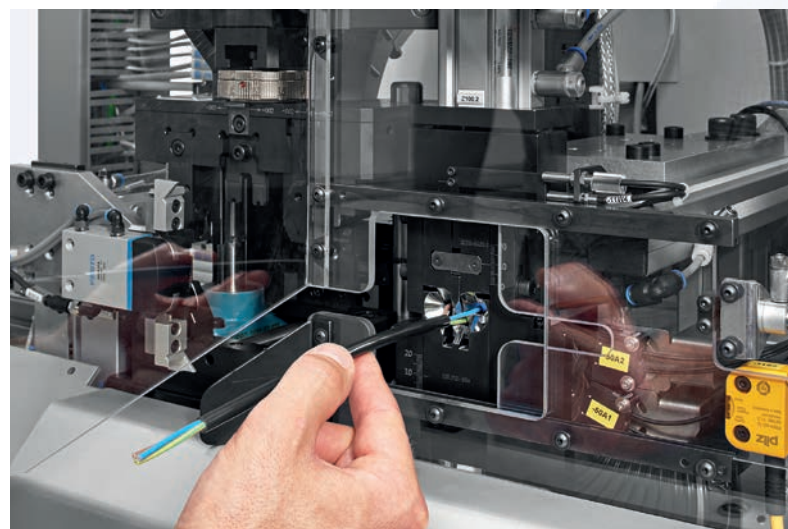
The optional crimp force monitoring system with bad part cutter prevents the use of cables with incorrect crimps in the further process and provides the quality assurance.

High Production Rate and Quality

With a production rate of up to 1450 pieces per hour the crimping machine is ideal for series production. The high grade components, the robust machine design and the modular structure stand for highest product quality, short set-up times and durability.

Safety Crimping Process

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.



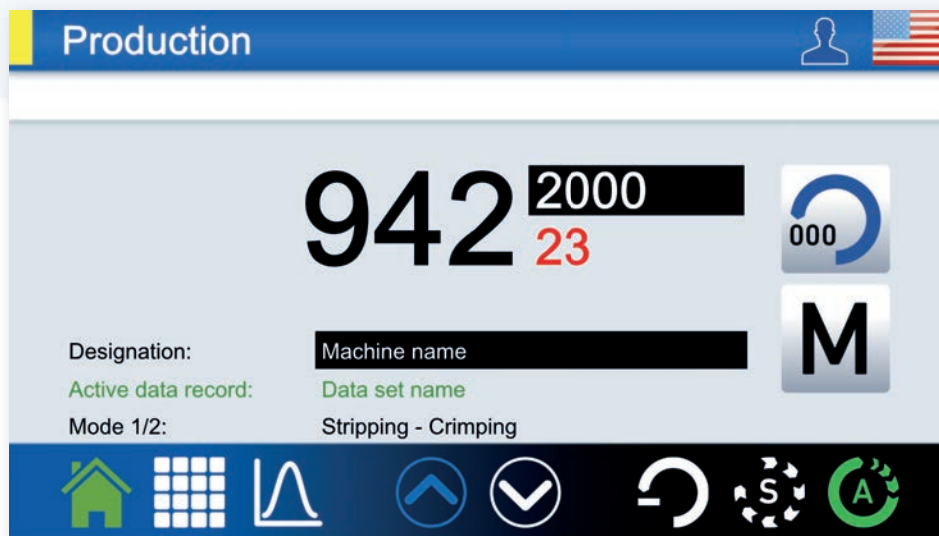


MODERN OPERATING INTERFACE

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
- Zero cut module
- Stripping unit with trigger sensor
- Feed pot for plug bridges
- Vacuum cleaner
- Removal gripper
- Foot switch
- Trash box

Optional Extensions

- Crimp force monitoring
- Bad part cutter
- Colour sensor
- Networking module
- Remote service module



TECHNICAL DATA

Processable materials	
Wire	Two- and three-core sheathed cables
	Wire cross section: 0.5 - 4.0 mm ² [1]
	Cable outer diameter: Max. 10 mm
Terminals	Single plug bridges
Performance and geometry	
Drive	0.75 kW three-phase motor
Pressing force	20 kN or 30 kN
Stroke	45 mm
Closing height	160.5 mm
Control	
Bedienoberfläche	STI 2015
Display	Touchscreen
Supplies and interfaces	
Power supply	230 V, 50/60 Hz
Compressed air	6 bar
Dimensions and weight	
Width x Depth x Height	1300 x 2000 x 1800 mm [2]
Weight	380 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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