



Illustrations are exemplary and may show optional equipment.
Subject to errors and changes.

SealLine 240-3 ADVANCED

CRIMPING MACHINE FOR SEALING OF THREE-CORE CABLES

Wide Range of Use

The crimping machine is designed for stripping, sealing and crimping of three single wires or three-core cables in one machine cycle. For cable production, the seals and terminals are provided in the correct position. The crimping process starts automatically as soon as the operator has inserted the wires to be processed.

Short Set-Up time and high Flexibility

A high degree of flexibility and a wide range of applications are made possible by the simple changeover to another processed product.

Crimping applicators can be easily exchanged for crimping different terminals. The corresponding seal kit (SSK) can be set up to provide other seals.



CRIMPING MACHINE FOR SEALING OF THREE-CORE CABLES

Individually adjustable Parameters

For ideal production, the zero cut and stripping length, the cutting depth as well as the stripping return stroke and the crimp position can be precisely set via the machine control. The optional crimp force monitoring together with the bad part cutter prevents the use of wires with incorrect crimps in the further process and thus supports quality assurance.

High Safety for Operators

The safety of the operator during processing is ensured by the closed design. When a safety cover is opened, the electrical safety circuit is interrupted and the machine is stopped.

Conform with the Machinery Directive

The crimping machine fully complies with the European directives regarding mechanical and electrical safety as well as electromagnetic compatibility.

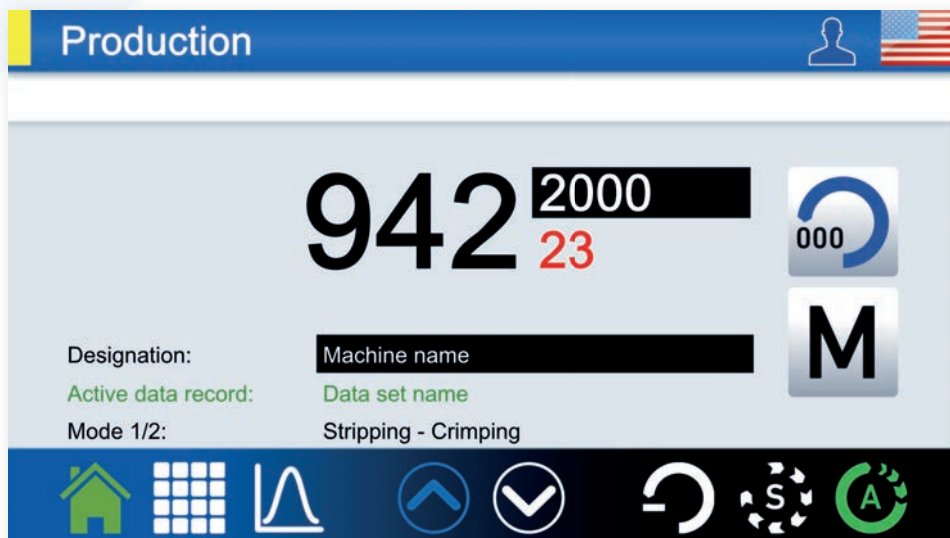


MODERN OPERATING INTERFACE

Machine Control Software

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

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



TECHNICAL DATA

Processable materials

Wire	Three single wires or three-core cables
	Wire cross section: 0.2 - 1.5 mm ² [1]
	Cable outer diameter: Max. 5 mm
	Sheath-removal length Min. 40 mm [1]
Seals	External dimensions: Max. Ø 7.5 mm, max. length 8.5 mm
	All common seal types as well as hard shell seals
Terminals	Transversely belted stripes

Processing

Zero cut lengths	1 - 3 mm [1]
Stripping lengths	0.5 - 8.0 mm [1]

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	1050 x 850 x 1500 mm [2]
Weight	225 kg [2]

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

[2] Approximate indication for basic equipment.



EQUIPMENT

Base Equipment

- Crimping machine
- Machine cover
- Zero cut module
- Specific wire gripper
- Stripping unit with trigger sensors
- Seal Modul SSM
- Seal Kit SSK
- Vacuum cleaner
- Stripe Chopper

Optional Extensions

- Crimp force monitoring
- Bad part cutter
- Paper winder
- Color sensor
- Networking module
- Remote service module

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

