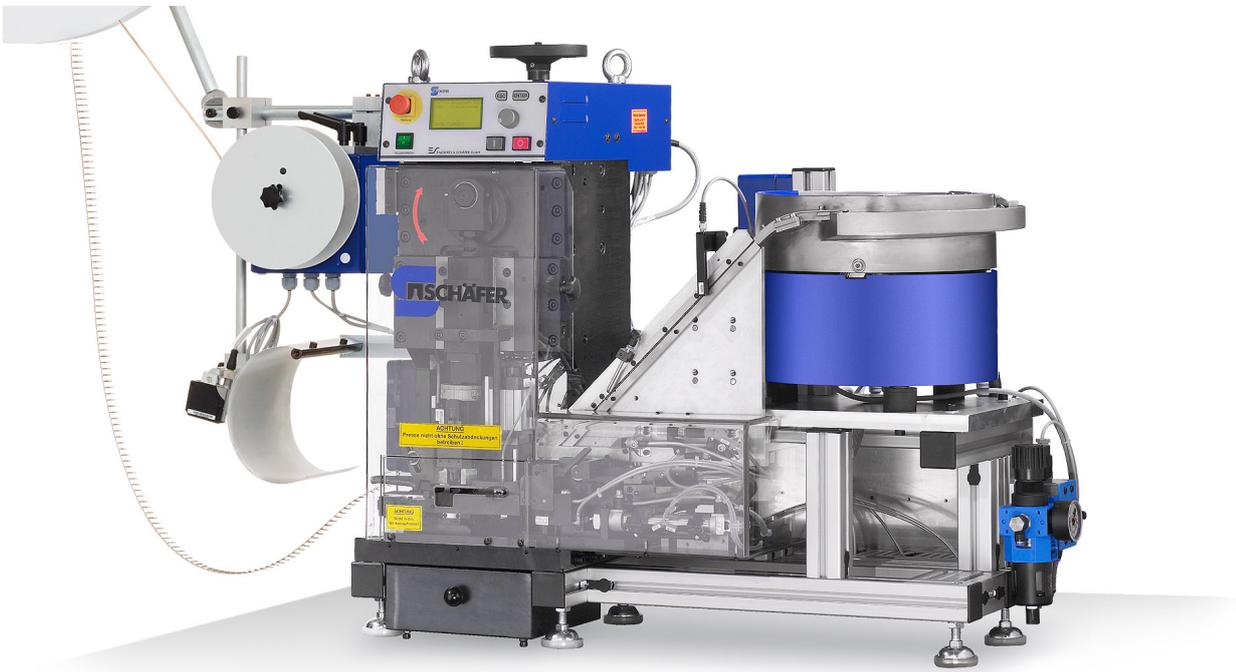
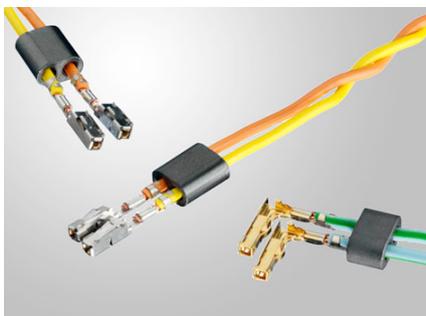


Semiautomatic Crimp Workstation

Crimp System with Ferrite Loading



- Short cycle times
- Wide application range
- High reproducibility
- Short change-over times
- Precise and fast set up
- Integrated trim cut module
- Optional crimp quality monitoring system



End products with ferrite



Double ferrite loading



With bending module

Crimp System with Ferrite Loading



Options

- Wire colour detection
- Terminal bending-module
- Single terminal feeding
- Crimping applicator
- Crimp quality monitoring
- Crimp cut module
- Paper winder
- Terminal oiler
- Processing lights
- Machine bench

Description

The crimping system processes two single wires, two conductor jacketed cables or twisted pair wires. The machine cycle includes stripping, crimping and ferrite loading of two conductors.

The cables are placed by the operator in to a centering mask. The sensors are detecting the correct placement of the leads and the process is initiated.

Both leads are loaded with a ferrite and stripped in one cycle. Hereto the loosen ferrites are oriented with a specific feeder and a transfer unit is placing them in the stripping unit which also contains a zero cut module. The offal is removed from the processing area with a vacuum device.

The customer specific terminals are crimped in sequence with a Schaefer crimping press and the corresponding applicator. The optionally available crimp force monitor in conjunction with the cut module provide for quality assurance. The terminal carrier strip is fed from left to right whereas the wires are mechanically transferred from right to left. The carrier strip is cut in to small pieces by a chopper which is mounted underneath the press.

The operator removes the processed cable respectively cables and can immediately continue with the next.

Basic configuration of the crimp system:

- Vibration coil feeder
- Ferrite transfer unit
- Stripper with sensor detection
- Special wire grippers
- Eccenter press
- Carrrier strip chopper
- Vacuum device for offal
- Protective housing

Range of Application

The semi automatic machine is being used in the wire harness industry for automobiles.

Technical Data

Crimp System with Ferrite Loading

Supplies	
Power Supply	230 V, 50/60 Hz
Compressed Air	6 bar, dry and oilfree
Processable Wire	
Type Of Wire	Two conductor jacketed cables, two twisted single wires, two single wires (4)
Conductor	Copper, fine stranded wire
Material Of Insulation	Teflon, PVC, etc.
Processable Terminals	
Terminal Carrier	Transversely belted metal terminals
Wire Prefeeding	
Feeding	With hand in to the centering mask
Terminal Feeding	
Feeding	Terminal reel with paper winder (2)
Design	
Housing Material	Aluminum profiles with Polycarbonat windows
Machine Frame	Welded steel construction (2)
Temperature Range	
Operation	15 °C - 40 °C
Storage	0 °C - 60 °C (rF < 80%)
Dimensions & Weight	
W x D x H	1250 x 600 x 1500 mm (1)
Packing	In a box on wooden pallet

(1) Basic configuration

(2) Optional equipment

(3) Depends on the seal configuration

(4) Processing wire ends must be directly straightened

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