

Semiautomatic Crimp Workstation

## Crimp System SSC-1 with Seal Loading



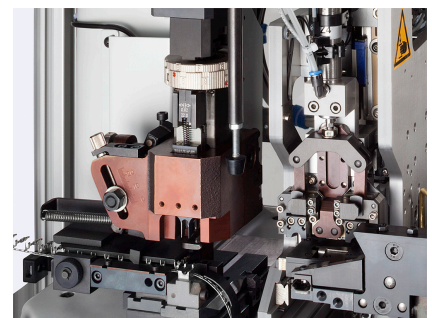
- Short cycle times
- Processing of one conductor per cycle
- Optimal for single wires
- Also for multi conductor jacketed cables
- Wide application range
- High reproducibility
- Short change-over times
- Precise and fast set up
- Easy and fast adjustments to other configurations



Different seal configurations



Mini and big seal processing



Machine modules

# Crimp System SSC-1 with Seal Loading



### Options

- Crimping applicator
- Crimp quality monitoring
- Crimp cut module
- Paper winder
- Terminal oiler
- Processing lights
- Machine bench

### Description

The crimping system SSC-1 processes single wires or multi conductor cables. One machine cycle includes stripping, crimping and seal loading for one wire end.

The wire is placed by the operator in to a centering mask. The sensor is detecting the correct placement of the conductor and the process is initiated.

First, the wire is loaded with a seal and stripped. Hereto the seal is oriented with the specific seal kit SSK and in follow a transfer unit is placing them. The stripping unit closes centric and also contains a zero cut module. The offal is removed from the processing area with a vacuum device.

The customer specific terminal is crimped 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 wire and can immediately continue with the next one.

### Range of Application

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

## Technical Data

Crimp System SSC-1 with Seal Loading

<b>Supplies</b>	
Power Supply	230 V, 50/60 Hz
Compressed Air	6 bar, dry and oilfree
<b>Processable Wire</b>	
Type Of Wire	Single wires and multi conductor cables (4)
Cross Sections	Up to 6 mm <sup>2</sup> (3)
Conductor	Copper, fine stranded wire
Material Of Insulation	Teflon, PVC, etc.
Cable Outer Diameter	Max. 5 mm
<b>Wire Prefeeding</b>	
Feeding	With hand in to the centering mask
<b>Terminal Feeding</b>	
Feeding	Terminal reel with paper winder (2)
<b>Stripping Length</b>	
Maximum	12 mm (3)
<b>Processable Seals</b>	
Outer Dimensions	Maximum 17 mm in diameter, maximum 16 mm in length
<b>Press</b>	
Stroke	40 mm
Force	20 kN
<b>Process Data</b>	
Machine Cycle Time	2 s (strip, seal, crimp)
<b>Design</b>	
Housing Material	Aluminum profiles with Polycarbonat windows
Machine Frame	Welded steel construction
<b>Temperature Range</b>	
Operation	15 °C - 40 °C
Storage	0 °C - 60 °C (rF < 80%)
<b>Dimensions &amp; Weight</b>	
W x D x H	Approx. 1050 x 850 x 1500 mm (1)
Weight	Approx. 225 kg (1)
Packing	In a box on wooden pallet

(1) Basic configuration

(2) Optional equipment

(3) Depends on the configuration (wire, terminal, seal)

(4) Processing wire ends must be directly straightened

## Sales and Service for Turkey



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