

Stripper Crimper

**Features**

- Automatic sensing of bare conductors during crimping operation, which will de-activate the stripping – and debris suction and reconfigure the CQM parameters accordingly
- Crimp force monitoring with statistical data recording
- Individual input of various parameters via soft ware
- Testing and adjustment of every function during the set-up motion
- Wire range  
0.09 mm<sup>2</sup> to 4.0 mm<sup>2</sup>
- Insulation range  
0.5 mm to 3.6 mm
- Strip length  
2 mm to 6 mm
- Brake out length  
min. 13 mm, dependent on number of conductors
- Conductor insertion depth  
10 mm
- Flexible work light
- Good visibility in work area
- Very quiet operation

**Compatible Tyco Electronics Products**

Side feed terminals with 1 or 2 carrier strips with up to 0.3 mm stock thickness

**Technical Data**

**Power supply**  
115 V / 230 V, 50 / 60 Hz

**Air supply**  
6 bar (600 kPa)

**Repeatability**  
Crimp height ± 0.01 mm,  
Strip length ± 0.1 mm

**Dimensions**

W = 420 mm  
H = 375 mm  
D = 420 mm

**Weight**

55 kg without terminal reel

**Noise Pressure Level**  
< 70 dB(A)

The SC 15 will strip and crimp various solid and stranded wires with and without insulation within a single machine cycle as required.

The machine cycle is cam - and pneumatically controlled. Due to the cam mechanism, high crimp forces and very good repeatability are achieved.

The pneumatic control allows product specific, individual settings of the remaining machine functions.

The applicator fixture is designed to accommodate a three part quick change applicator.

If a non conforming crimp connection is detected, the wire clamp remains closed. This can only be opened by pressing the reset button on the CQM.

The machine status and the entire machine cycle can be monitored via a LED – display at the front of the machine.

Opening the safety covers during the automatic operation of the machine will cause the electrical - and air supply to be interrupted due to activation of the emergency stop circuitry.

The machine is designed to facilitate ease of maintenance. In addition, ports for remote monitoring of the parameters of the control system are provided.

**Part Numbers**

SC15 without CQM  
PN 7-528370-0

SC15 with CQM  
PN 7-528370-1

