



CrimpCenter 36 SP
Fully Automatic Crimping Machine

CRIMPCENTER

CrimpCenter 36 SP

Concept

The CrimpCenter 36 SP offers decreased set-up time and increased effective performance. Therefore, overall productivity is increased and jobs can be processed in less time. Furthermore, new features improve quality by systematic optimization, automating previously manual processes and enhancing wire handling. The end result is that the CrimpCenter 36 SP will help you achieve your targets in less time, while decreasing cost-per-lead.

Maximum Productivity

The CrimpCenter 36 SP processes wires from 0.13 to 6 mm² (26 – 10 AWG) and features all of the latest quality assurance options such as SmartDetect, WireCam and the Guided Feasibility Study. These features, along with the attractive price point, make the CrimpCenter 36 SP an excellent machine for complex and high precision production with high quality targets.

New Features

- Optimized default parameter settings
- A newly developed deposit gripper system
- Improved synchronization of the feeding unit and conveyor
- Increased feeding speed from 8 m/s to 10 m/s
- Additional wire guides at the machine entrance
- Improved wire straighteners
- Automatic pressure adjustment
- Automatic slider tray

Processing Capabilities

- Crimp (open or closed barrel terminals)
- Seal (one or both ends)
- Doubling crimp (2 or 3 terminals)
- Twist and tin
- Marking (ink jet or hot stamp)

Processing Stations

- UniCrimp 221 Crimping station with integrated CFM 20
- UniCrimp 222 Crimping station with integrated CFM 20 and electronic crimp height control
- SealLoad 3100 and SLU 3000 Seal loading stations
- SLD 4100 Double gripper module
- STW 1100 Twisting station
- STS 1100 Tinning station

Options

Please contact your local sales company for a complete list of available options.

- SmartDetect
- WireCam
- Material Change Detection
- Guided Feasibility Study
- Two-wire wire straightener unit
- EASY ProductionServer software
- Extension conveyors
- Integrated quality assurance devices
- PreFeeding systems

Technical Specifications	
Processing Stations	Maximum 6 (maximum 3 crimping stations)
Workpiece Length	55 mm – 65 m (2.16" – 213') [optional from 35 mm (1.38")]
Strip Length	Side 1: 0.1 – 18 mm (0.004 – 0.71") Side 2: 0.1 – 18 mm (0.004 – 0.71") [Optional cutter blocks for applications up to „side 1: 31 mm and side 2: 5 mm“ are available.]
Conductor Cross-Section	0.13 – 6 mm ² (26 – 10 AWG)*
Raw Material Diameter	Maximum 4.7 mm (0.18")
Feed Rate	Maximum 10 m/s (32.8 ft/s)
Power Supply	3 / N / PE AC 210 500 V; 50 / 60 Hz; 16 A
Compressed Air Connection	6 bar (90 psi), non-oiled, dried and filtered compressed air
Dimensions (L x W x H)	3,363 x 1,428 x ca. 2,155 mm (132" x 54" x 85") / 2 m base
Height (Safety Cover opened)	approx. 2850 mm (112")
Weight	approx. 440 kg (970 lbs.) incl. base machine and safety cover approx. 750 kg (1654 lbs.) max. incl. processing stations and options
CE-Conformity	All CrimpCenter models comply with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.
Important Note	Schleuniger recommends that wire samples be submitted in cases where there is doubt as to the processing capabilities of a particular machine. * Wires with hard insulations or those that are tightly bonded might not be able to be processed even if they are within the application range stated above. For cross sections smaller than 0.22 mm ² (24 AWG) and larger than 4 mm ² (12 AWG), sample processing is required.