



## **CrimpCenter 64 SP** **Fully Automatic Crimping Machine**

- Increased effective performance
- Minimized setup times
- Significant cost-per-lead advantage
- Optimized parameter
- Enhanced deposit quality

# CRIMPCENTER

# CrimpCenter 64 SP

## Concept

The CrimpCenter 64 SP is outstanding for its enhanced performance. In order to further increase machine availability and thus be able to reach production targets more quickly, the fully automatic crimping machine focuses on the minimization of setup times and the automation of manual processes. The optional Dual ToolingShuttle makes it possible to prepare subsequent applications and jobs while production is still running, which results in considerable time savings.

## Maximum Productivity

The CrimpCenter 64 SP processes wires with conductor cross sections from 0.13 to 6 mm<sup>2</sup> and features the latest quality assurance options such as SmartDetect, WireCam 2.0 and the Guided Feasibility Study. These features qualify the CrimpCenter 64 SP as a first-class machine for complex and high-precision production with high quality requirements. In addition, the sophisticated network technology allows the integration of numerous quality assurance options, ensuring transparency and traceability of important production data and relevant information.

## New Features

- Dual ToolingShuttle terminal-feeding system
- Optimized default parameter settings
- Newly developed deposit gripper system
- Improved synchronization of the feeding unit and conveyor
- Increased feeding speed of 12 m/s
- Optimized wire tray
- Improved straightening units
- Automatic pressure adjustment

## Processing Capabilities

- Crimp (open or closed barrel terminals)
- Seal (one or both ends)
- Doubling crimp (1 terminal)
- Twist and tin
- Marking (inkjet 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 sealing station
- SLD 4100 double gripper module
- STW 1100 twisting station
- STS 1100 tinning station

## Options

*For a complete overview of all available options, please contact the Schleuniger representative in your region.*

- SmartDetect (including enhanced functionality)
- WireCam 2.0
- Material Change Detection (MCD)
- Guided Feasibility Study
- Two-wire straightener unit
- CAO / 4Wire Solutions
- Extension conveyors
- Integrated quality monitoring devices
- Prefeeding systems

Technical Specifications	
Processing Stations	Maximum 4 (maximum 2 crimping stations)
Workpiece Length	60 mm – 65 m (2.36" – 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: 26 mm and Side 2: 10 mm“ are available.]
Conductor Cross Section	0.13 – 6 mm <sup>2</sup> * (26 – 10 AWG) Optional from 0.05 mm <sup>2</sup> (30 AWG)
Raw Material Diameter	Maximum 6,3 mm (0.25")
Feed Rate	Maximum 12 m/s (39.37 ft/s)
Power Supply	3 / N / PE AC 210 500 V; 50 / 60 Hz; 16 A
Compressed Air Connection	6 bar (90psi), non-oiled, dried and filtered compressed air
Dimensions (L x W x H)	3,800 x 1,450 x approx. 1,860 mm (149" x 57" x 73") / 2 m base machine
Height (Safety Cover Opened)	Approx. 2900 mm
Weight	Approx. 590 kg incl. base machine and safety cover Approx. 980 kg max. incl. 4 processing stations and options Approx. 150 kg Dual ToolingShuttle
CE Conformity	The CrimpCenter 64 SP complies with the CE and EMC equipment guidelines relative to mechanical and electrical safety as well as 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 possible to process even if they are within the application range stated above. For cross sections smaller than 0.22 mm <sup>2</sup> (24 AWG), sample processing is required.