



**CrimpCenter 36 S**  
Fully Automatic Crimping Machine

CRIMPCENTER

# CrimpCenter 36 S

## Concept

The CrimpCenter 36 S is a fully automatic crimping machine with up to six processing stations. The successor to the CrimpCenter 36 utilizes new design concepts to even further increase precision, durability and over-all user friendliness while further reducing set-up time. Various configuration possibilities allow for a variety of applications to be processed. Dynamic, powerful servo drives combined with an intelligent control system provide high production rates to meet the most demanding production schedules. Production parameters are entered with the touch screen monitor via the intuitive, menu-guided graphical user interface to reduce training time and minimize entry errors. All parameters such as wire data, crimp data or seal data can be saved and retrieved for future use. Machine documentation including operating instructions, spare parts identification drawings and schematics are all stored electronically in the machine software for immediate access when needed.

## Maximize your Productivity

With feeding speeds of up to 8 m/s (26.3 ft/s), fine-tuned swivel arm movement, optimized internal communication, and fully integrated processing stations, CrimpCenter machines offer unparalleled levels of performance for today's most demanding applications. To minimize machine downtime, the CrimpCenter 36 S utilizes new quick-change mechanisms, wire feed assist and integrated lighting. The Tooling Shuttle 30 combines crimp applicator, terminal reel and paper winder in one mobile unit to minimize applicator and terminal changes. To further optimize production, the CrimpCenter 36 S can be easily integrated in any network with standard TCP/IP. The optional EASY Production Server software can be used to network all of your CrimpCenter machines and allows central management of production orders and distribution of the orders to individual CrimpCenter machines.

## Processing Capabilities

- Crimp (open or closed barrel terminals)
- Seal (one or both ends)
- Doubling crimp (2 or 3 terminals)
- Twist and tin
- Coaxial cable (crimp or 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 Seal loading station
- SLD 4100 Double gripper module
- STW 1100 Twisting station
- STS 1100 Tinning station
- CoaxStrip 5400 Coaxial cable stripper

## Options

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

- Two-wire wire straightener unit
- EASY ProductionServer software
- Extension conveyors
- Integrated quality assurance devices
- PreFeeding systems

Technical specifications	
Processing Stations	6 (max. 3 crimping stations)
Workpiece Length	55 mm – 65 m (1.77" – 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")
Outer Wire Diameter	Max. 4.7 mm (0.18")
Conductor Cross-Section	0.13 – 6 mm <sup>2</sup> (26 – 10 AWG)
Feed Rate	Max. 8 m/s (26.3 ft/s)
Power Supply	3 / N / PE AC 400 / 230 V; 50 / 60 Hz; 16 A (208 – 500 VAC with optional transformer)
Compressed Air Connection	6 bar (90 psi), non-oiled, dried and filtered compressed air
Dimensions (L x W x H)	3,175 x 1,428 x ca. 2,125 mm (125" x 56" x 84") / 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 complies 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 <sup>2</sup> (24 AWG) and larger than 4 mm <sup>2</sup> (12 AWG), sample processing is required.