



CrimpCenter 36 S
Fully Automatic Crimping Machine

CRIMPCENTER

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Concept

The new 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 overall user friendliness while further reducing setup 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. It is compatible with Schleuniger's innovative ToolingShuttle System (TSS). 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 to Crimp (open or closed barrel terminals)
- Crimp to Seal
- Seal to Seal (both sides sealing)
- Double Crimp (2 or 3 terminals)
- Double Crimp with Crimp / Seal (2 terminals)
- Double Crimp with Twist / Tin (1 terminal)
- Twist / Tin to Crimp
- Twist / Tin to Seal
- Coaxial Cable Processing
- Wire List Processing
- Marking (ink jet or hot stamp)

Processing Stations

- UniCrimp 221 Crimping station with integrated crimp force monitoring (CFM 20)
- UniCrimp 222 Crimping station with integrated crimp force monitoring (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	
Maximum processing stations	6 (maximum 3 crimping stations)
Wire length	55 mm – 65 m (2.17" – 213') [optional from 35 mm (1.38")]
Stripping length side 1	0.1 – 18 mm (0.004 – 0.71")
Stripping length side 2	0.1 – 18 mm (0.004 – 0.71")
Wire cross section*	0.13 – 6 mm ² (26 – 10 AWG)
Maximum wire feed rate	8 m/s (26.3 ft/s)
Power supply	3 / N / PE AC 400 / 230 V; 50 / 60 Hz; 16 A (208 – 480VAC with optional transformer)
Air supply	6 bar (90 psi), non-oiled, dried and filtered compressed air
Dimensions (L x W x H)	3,175 x 1,428 x 2,125 mm (125" x 56" x 84") / 2m base
Height – safety cover open	2,850 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	The CrimpCenter 36 S fully 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 ² (24 AWG) and larger than 4 mm ² (12 AWG), sample processing is required.