



CrimpCenter 64
Fully Automatic Crimping Machine

CRIMPCENTER

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Concept

The CrimpCenter 64 is a fully automatic crimping machine for up to four processing stations designed for maximum speed, precision, fast change-overs and long-term durability. Various configuration possibilities allow for a variety of applications to be processed. Dynamic and powerful servo drives combined with an intelligent control system provide high production rates to meet the most demanding production schedules. Production parameters are entered via touch screen. The intuitive, menu-guided graphical user interface reduces staff training time and minimizes entry errors. All parameters such as wire data, crimp data or seal data can be saved and retrieved for future use. Electronic catalogues including operating instructions, spare parts identification drawings and schematics is are all stored electronically in the machine software for immediate access when needed.

Maximize your Productivity

With feeding speeds of up to 12 m/s (39.4 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 64 utilizes quick-change mechanisms so that wire guides, blades and feed belts can be quickly changed without the use of tools. The ToolingShuttle 61 combines crimp applicator, terminal reel and paper winder in one mobile unit to minimize applicator and terminal changes. To further optimize production, the CrimpCenter 64 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
- Crimp to Seal
- Seal to Seal (both sides sealing)
- Doubling Crimp (2- or 3-terminals)
- Doubling Crimp with Crimp / Seal (2-terminals)
- Doubling Crimp with Twist/Tin (1-terminal)
- Twist/Tin to Crimp
- Twist/Tin to Twist/Tin
- Coaxial cable processing
- Wire list processing
- Marking (Ink Jet or Hot Stamp)
- Center stripping

Processing Stations

Processing stations communicate via TCP/IP for short internal communication times and flexible configuration.

- UniCrimp 221 Crimping station with integrated crimp force monitoring (CFM 20)
- UniCrimp 222 Crimping station with electronic crimp height control and integrated crimp force monitoring (CFM 20)
- SLU 3000 Seal loading stations with various seal monitoring options
- SLD 4100 Double gripper module
- STW 1100 Twisting station
- STS 1100 Tinning station
- CoaxStrip 5400 Coaxial stripping station

Technical specifications	
Processing Stations	4 (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") Optional up to 26 mm (1.02") Side 2: 0.1 – 18 mm (0.004 – 0.71")
Conductor Cross-Section	0.13* – 6mm ² (26 – 10 AWG) Optional to 0.05 mm ² (30 AWG)
Feed Rate	Max. 12 m/s (39.4 ft/s)
Power Supply	3 / N / PE, AC 400 - 230 V, 50/60 Hz, 16 A (208 – 480 VAC)
Compressed Air Connection	6 bar (90 psi), non-oiled, dried and filtered compressed air
Dimensions (L x W x H)	3740 x 1450 x ca. 1850 mm (147" x 57" x 73") / 2 m base – shield closed
Height (Safety Cover Opened)	2.850 m (112")
Weight	approx. 595 kg (1312 lbs.) incl. base machine and safety cover approx. 928 kg (2046 lbs.) max. incl. processing stations and options
CE – Conformity	The CrimpCenter 64 complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.
Important Note	Schleuniger always recommends professional application sample processing to determine process capabilities of an application on a particular machine. *However, for cross sections smaller than 0.22 mm ² (24 AWG), sample processing is required.