



CrimpCenter 34 C
Fully Automatic Crimping Machine

CRIMPCENTER

CrimpCenter 34 C

Concept

The CrimpCenter 34 C is a 4 station machine based on the well proven 3-series and designed for the major application range. It will be launched for the APAC market focusing on China. To guarantee short lead times and keep the logistic and customs efforts for our customers as simple as possible, this machine is manufactured directly in China. German high quality engineering hand in hand with Chinese efficient manufacturing and logistic skills, supported by a tight-knit and local experienced APAC service network, form the essence of the CrimpCenter 34 C. It respects the local norms and standards, as well as the high automotive quality requirements. For example, most of the production sites within the APAC market do not require CE-conformity and their production crews typically work without safety covers. Therefore the base machine is supplied without the cover and instead "APAC-common" options like a TowerLight and a world transformer are included. With its functional, simple and compact design the CrimpCenter 34 C is in-line with today's automotive requirements and providing an unbeatable price/performance ratio.

Design

Following the design concepts of the CrimpCenter family, the CrimpCenter 34 C features off-the-shelf components, the intuitive "EASY" user interface and network capabilities via EASYNet or WPCS.

The 3-series has been refined in regards to:

- Universal cutter blocks for more flexibility
- Modular conveyor belt system for simple conveyor belt extension
- Revised UniCrimp 221/222 applicator adaptation for more flexibility and an easier retrofit
- New station connection cable routing for easier maintenance

Processing Capabilities

- Crimp (open or closed barrel terminals)
- Seal (one or both ends)
- 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
- SLU 3000 Sealing station

Options

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

- Material Change Detection
- Barcode Scanner
- Integrated CHM crimp height measuring device
- Integrated Pulltester 320
- Conveyor extensions
- PreFeeder 60 (low-version)
- Metronic alphaJET tempo or alphaJET pico

Technical specifications	
Max. Processing Station	4 (max. 2 crimping stations)
Wire Length	55 mm – 65 m (2.16" – 213ft.) [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 – 4 mm ² (26 – 12 AWG) [optional up to 5 mm ²] *
	*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.
Max. wire diameter	4,7 mm (0.18")
Max. Wire Feed Rate	8 m/s (26.3 ft/s)
Power Supply	3 / N / PE AC 210-500 V; 50 / 60 Hz; 16 A
Air Supply	6 bar (90 psi), non-oiled, dried and filtered compressed air
Dimensions (L x W x H)	3,363 x 1,378 x ca. 2,155 mm (132" x 54" x 85") / 2 m base
Height – Safety Cover Open	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
Important Notice	Schleuniger recommends that wire samples be submitted in cases where there is doubt as to the processing capabilities of a particular machine.