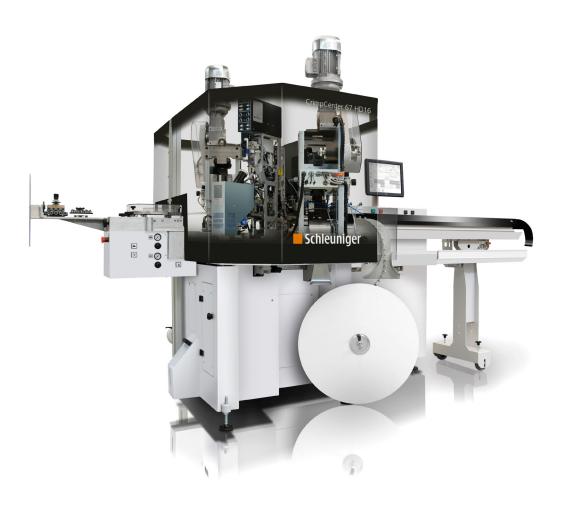# CrimpCenter 67 HD16
## Fully Automatic Crimping Machine

- ■ Modular, open system architecture offers supreme flexibility and wide application range
- ■ Dynamic cutter head and powerful servo transport drives for high productivity and precision
- ■ Intuitive programming with S.On Software and easy handling of guide parts and tooling with SmartBlade technology

# CRIMPCENTER

# CrimpCenter 67 HD16

## Concept

The CrimpCenter 67 HD16 is a heavy-duty, fully automatic crimping machine for up to four processing stations designed for maximum speed, flexibility, 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 mini-mizes 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 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 67 HD16 utilizes quick-change mechanisms so that wire guides, blades and feed belts can be quickly changed without the use of tools.

To further optimize production, the CrimpCenter 67 HD16 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)
- Wire list processing
- Marking (Ink Jet)
- Welding (Resistance or Ultrasonic)
- Special applications (evaluation required)

## Processing Stations

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

- UniCrimp 500 A crimping station with optional crimp force monitor
- SLU 3000/3100 seal loading stations with various seal monitoring options
- Custom station integration of 3rd party products for various processing capabilities and QA devices

| Technical specifications | |
|---|---|
| Processing Stations | 4 (max. 2 crimping stations) |
| Workpiece Lenght | 55 mm – 65 m (1.77" – 213") |
| Strip Length | Side 1: 0.1 – 18 mm (0.004 – 0.71") Optional up to 26 mm (1.02")<br>Side 2: 0.1 – 18 mm (0.004 – 0.71") |
| Conductor Cross-Section | 6 – 16 mm² (10 – 6 AWG)<br>Optional 0.5 – 6 mm² (20 – 10 AWG) or 6 – 25 mm² (10 – 4 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<br>(208 – 480 VAC with optional transformer) |
| Compressed Air Connection | 6 bar (90 psi), non-oiled, dried and filtered compressed air |
| Dimensions (B × T × H) | 3740 x 1800 x ca. 2500 mm (147" x 70" x 98") / 2 m base – shield closed |
| Weight | approx. 750 kg (1653 lbs.) incl. base machine and safety cover<br>approx. 1150 kg (2535 lbs.) max. incl. processing stations and options |
| Height (Safety Cover Opened) | 2850 m (112˝) |
| CE – Conformity | The CrimpCenter 67 HD16 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. Machines illustrated in this brochure may include optional equipment not fitted as standard. Errors and omissions excepted. |

To Be Precise.