



**UniCrimp 222**  
Crimping Station for CrimpCenter Series

STATIONS

# UniCrimp 222

## Concept |

The UniCrimp 222 is a crimping station designed for high speed production on CrimpCenter series machines. The station includes electronic crimp height control, integrated crimp force monitoring with the Schleuniger CFM 20 as well as a height adjustable base frame. It accepts most side- or rear-feed mini-style crimping applicators with either mechanical or pneumatic feed. The speed and precision of the UniCrimp 222 makes it perfectly suited for fully automatic processing of wires up to 6 mm<sup>2</sup> (10 AWG). The press can be changed between 40 mm (1.58") and 30 mm (1.18") stroke for increased application range. The press allows for a wide range of shut heights from the standard applicators requiring 135.78 mm to applicators requiring a taller shut height of 190.00 mm. Furthermore, integrated LED lighting illuminates the work space for improved visibility.

## Maximize Your Productivity |

For short applicator change-over times, the UniCrimp 222 features a quick-change applicator clamping plate. Any deviations in crimp height can be quickly adjusted through the CrimpCenter machine interface with the electronic crimp height control capability thereby reducing set up time and increasing run time. To further minimize machine downtime of your CrimpCenter we recommend the use of our ToolingShuttle System (TSS). With the ToolingShuttle 30 or the ToolingShuttle 61, the applicator, terminal reel and paper winder can be prepared for production offline while the CrimpCenter is running. The applicator and terminal reel are mounted on the ToolingShuttle and exchanged simultaneously thereby minimizing machine downtime significantly when frequently changing applicators.

## Options |

- Carrier strip cutter
- Guide for rear-feed terminal carrier strip
- Accessory kit for pneumatic crimp applicators
- Split-cycle processing capability
- Various adapter kits for non-standard crimp applicators (including other shut heights)
- Applicator ram clamping unit

## Technical Specifications |

<b>Crimping Force</b>	20 kN
<b>Wire Cross Section</b>	Up to 6 mm <sup>2</sup> (10 AWG)
<b>Stroke</b>	40 mm (1.58") or 30 mm (1.18") (can be changed mechanically)
<b>Shut Height</b>	From 135.78 mm (5.346") to 190.00 mm (7.480")
<b>Crimp Force Monitoring</b>	Integrated CFM 20
<b>Crimp Height Adjustment</b>	Manual [± 0.8 mm (0.03")]
<b>Cycle Time</b>	Adjustable press speed
<b>Power Supply</b>	1 / N / PE AC 230 V; 50 / 60 Hz; 16 A
<b>Dimensions (L x W x H)</b>	453 x 252 x 870 mm (17" x 10" x 34") (lowest base frame point)
<b>Weight</b>	approx. 80 kg (176 lbs.) (including base frame)
<b>CE-Conformity</b>	All CrimpCenter models fully comply with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.
<b>Important Note</b>	Schleuniger recommends that wire samples be submitted in case where there is doubt as to the processing capabilities of a particular machine.

Technical Specifications subject to change © Schleuniger Group 3608 Thun, Switzerland / UC\_221\_DS\_EN\_A4\_V3

