



UniCrimp 221
Crimping Station for CrimpCenter Series

STATIONS

UniCrimp 221

Concept

The UniCrimp 221 is a crimping station designed for high speed production on CrimpCenter series machines. The station includes integrated crimp force monitoring with the Schleuniger CFM 20 as well as a height adjustable base frame. It accepts most side- or rearfeed mini-style crimping applicators with either mechanical or pneumatic feed. The speed and precision of the UniCrimp 221 makes it perfectly suited for fully automatic processing of wires up to 6 mm² (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 221 features a quick-change applicator clamping plate. To further minimize machine downtime of your CrimpCenter we recommend the use of our Tooling Shuttle 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.

Special Features

- 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	
Crimping force	20 kN
Wire cross section	Up to 6 mm ² (10 AWG)
Stroke	40 mm (1.58") or 30 mm (1.18") (can be changed mechanically)
Shut height	From 135.78 mm (5.346") to 190.00 mm (7.480")
Crimp force monitoring	Integrated CFM 20
Crimp height adjustment	Manual [± 0.8 mm (0.03")]
Cycle time	Adjustable press speed
Power supply	1 / N / PE AC 230 V; 50 / 60 Hz; 16 A
Dimensions (L x W x H)	453 x 252 x 870 mm (17" x 10" x 34") (lowest base frame point)
Weight	approx. 80 kg (176 lbs.) (including base frame)
CE – conformity	The UniCrimp 221 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.