



STW 1100
Twisting Station for CrimpCenter

- Can be mounted in the crimping press or used as a standalone station
- Full integration and control via EASY CrimpCenter operating software
- Wire cross sections up to 2.5 mm² (14 AWG)

STATIONS

STW 1100

Concept

The STW 1100 twisting station is specifically designed for twisting conductor end strands on CrimpCenter series, fully automatic cut, strip and terminate machines and is typically used in conjunction with the STS 1100 tinning station. With its compact design, the STW 1100 can either be mounted as a standalone station or mounted in any crimping station using the standard quick-change applicator base plate. That way, it can be quickly removed to change from twisting to crimping (or vice versa) while the station position only has to be calibrated once. All of the necessary station calibration settings and processing parameters are stored in the software for future use. The gripper force can be adjusted according to the application. Whether used as a standalone station or mounted in a crimping station, operating the STW 1100 is simple and fully integrated.

Options

- Base frame (required for use as standalone station)
- 23 mm (0.91") twist length (Side 1 only, depends on wire; testing required)
- Adapters for different applicator base plate versions

Processing Capabilities

The applications listed below require a STW 1100 twisting station, STS 1100 tinning station and additional processing stations. Possible configurations depend on the number of available stations of your CrimpCenter model.

- Twist/Tin to Crimp
 - CrimpCenter 36
 - CrimpCenter 63
 - CrimpCenter 64
 - CrimpCenter 67
- Twist/Tin to Seal/Crimp
 - CrimpCenter 36
 - CrimpCenter 64
 - CrimpCenter 67
- Twist/Tin both ends
 - CrimpCenter 36
 - CrimpCenter 67
- Doubling Crimp (with Twist/Tin and Crimp)
 - CrimpCenter 67
 - CrimpCenter 36

Technical Specifications	
Wire cross section	Up to 2.5 mm ² (14 AWG) Up to 4 mm ² (12 AWG), depending on wire
Twisting length end 1	4 – 18 mm (0.16 – 0.71") optional up to 23 mm (0.91") depending on wire
Twisting length end 2	4 – 18 mm (0.16 – 0.71")
Control	Programmable directly in CrimpCenter EASY operating software
Power supply	24 V DC, 1.5 A
Minimum air supply	6 bar (90 psi) compressed air, oil-free, filtered and dry
Dimensions (L x W x H)	315 x 80 x 160 mm (12.4" x 3.2" x 6.3")
Weight	≤ 4 kg (9 lbs)
CE – conformity	The STW 1100 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.