



CrimpCenter ACS **Coil-Binding System for CrimpCenter**

- High performance with minimal space requirements.
- Excellent length accuracy due to servo motor and encoder combination
- Handles single wire applications with or without seals or terminals on either end
- Simple operation and set up via the CrimpCenter EASY software and touch screen interface

CRIMPCENTER

CrimpCenter ACS

Concept

The CrimpCenter ACS (AutoCoiling System) is built on the 6-Series platform. The auto-coiling function eliminates the need for extension conveyors and significantly reduces the floor space required for long wire applications. The system will automatically coil, bind and batch long wires during production. After processing the leading wire ends on side 1 of the CrimpCenter, e.g. sealing and crimping, a linear gripper guides the wire from the cutting head and transfers it to the gripper of the coiling head. The subsequent feeding/coiling process is controlled by synchronized, high performance servo motors. After processing the trailing wire ends on side 2 the wire will be tied with adhesive tape (optional) and collected in the required order quantities (optional).

Function

The CrimpCenter ACS automatically coils long wires into a ring. It can handle wires from approx. 4 m (13.12 ft) to more than 30 m (98.4 ft) in length depending on the wire size. The binding unit secures the coils with a simple tape for handling. Taped coils are collected on the stacking unit for easy removal. The stacking unit has 2 horizontally rotatable collection arms. While the coils are collected on one side, the coils from the previous batch are ready to be manually unloaded from the other. Wire coils need little storage space and are easy to handle for downstream processes.

Technical Specifications	
Wire length	From approx. 4 m to more than 30 m (13.1 ft. – 98.4 ft.) (depending on cable cross-section, sample inspection necessary)
Wire cross section	0.35 – 2.5 mm ² / 22 – 13 AWG
Maximum feeding speed	9 m/s (29.5 ft./s) (depends on wire and wire packaging)
Dimensions (L x W x H)	1,000 mm x 720 mm x 1,700 mm (39.4" x 28.4" x 66.9")
Weight	Approx. 175 kg (385 lbs.)
CE – conformity	The CrimpCenter ACS 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.