



Innovators in Wire Processing

CableCoiler 1400 Coiling Machine

COILING

CableCoiler 1400

Concept

The CableCoiler 1400 is a single pan coiling system that is used to coil wire, cable or tubing. It features a rotary design with moveable pins to adjust for different coiling diameters. Another unique feature of this design is the easy unloading scheme, using retracting pins and an automatic safety cover lift. The machine is very versatile and can function in one of two different operating modes:

- Coil only – for efficient offline coiling of precut materials
- Auto coil – as an integrated post processing accessory for use with the cut & strip machines.

Function

- As the turntable rotates, the material is coiled around the inner pins
- When the coiling is complete, the turn stops and the safety shield opens automatically
- The pins retract downwards until they are flush with the turntable so the operator can easily remove the coiled material

Customer benefit

- Ergonomic design for convenient handling of the cable coils
- Simple procedures for set up and programming
- Synchronized process with the cut & strip machine by verified interfaces

Applications / Parameters

- Power- and multiconductor cables with round cross sections
- Programmable parameters:
 - Inner and outer diameter of the coil
 - Pitch of the coil
 - Cable length (synchronized with the process machine)
 - Coiling distance after cutting
 - Coiling frequency (synchronized with the process machine)

Options

- Transformer for 100/115 V

Technical Specifications

Cable Diameter	Up to 15 mm (0.59")
Cable Length Min.	1800 mm (71")
Coil Inner Diameter	100 – 330 mm (3.93 – 13.0")
Coil Outer Diameter	Up to 330 mm (13.0")
Max. Coil Weight	40 kg (88 lbs)
Max. Coiling Speed	1.3 – 4.3 m/s (4.2 – 14.1 ft./s) depending on coil diameter
Interface	I/O encoder (or MSINC on MegaStrip 9600)
Power Supply	230 VAC, 50 Hz
Compressed Air	6 bar (90 psi)
Weight	80 kg (176 lbs.)
Dimensions (L x W x H)	680 x 720 x 1'140 mm (26 x 28 x 45")
CE-Conformity	The CableCoiler 1400 fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.
Important Notice	Schleuniger recommends that wire samples be submitted in cases where there is doubt as to the processing capabilities of a particular machine.

Sales and Service by:

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To Be Precise.