



## **CableCoiler 1450** **Coiling Machine**

- Ergonomic design for convenient handling of the cable coils
- Simple procedures for set up and programming
- Synchronized process with the upstream processing machine
- Fast change over using pre-saved jobs with import / export possibility

COILING

# CableCoiler 1450

## Concept

The CableCoiler 1450 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 a retracting coiling disc with an automatic safety cover lift. The machine is very versatile and can function in two different operating modes:

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

## Parameters and Jobs

- Programmable parameters:
  - Cable parameters (diameter, length in offline mode)
  - Coiling parameters (inner / outer diameter)
  - Configuration parameters (distance after cutting, speed synchronization adjustment)
- Programmed parameters can be saved in jobs for easy and fast fast loading (by UI or even barcode scanner) for operation
- Jobs can be imported / exported between coilers by USB stick

## Function

- As the coiling disc rotates, the material is coiled around the inner pins
- When the coiling is completed, the coiler pulls out the material from processing machine and stops
- The coiling disc raises up and takes the coiled material out of the pins while the safety shield opens automatically so the operator can easily remove the coil
- The unique design of the coiling system ensures the safety protection during operation by doing all the rotating movements in a down position with closed and monitored cover

## Options

- none

Technical Specifications	
Raw Material Diameter	Up to 16 mm (0.63")
Workpiece Length	Min. 1,500 mm (59")
Coil Diameter	Inner Diameter: 100 – 220 mm (3.93 – 8.6") Outer Diameter: up to 330 mm (13.0")
Coil Weight	Max. 40 kg (88 lbs)
Coil Height	Max. 120 mm (4.7")
Coiling Speed	Offline: 1.5 – 4.8 m/s (4.9 – 15.7 ft./s) depending on coil diameter Auto coil: Synchronized with process machine
Memory Capacity	Up to 1,000 jobs
Interfaces	SMI standard (I / O signals and speed information), Emergency Stop
Power Supply	100/115 VAC, 60 Hz, 230/240 VAC, 50 Hz, 1000 VA
Compressed Air Connection	6 bar (90 psi)
Weight	120 kg (266 lbs)
Dimensions (L x W x H)	610 x 700 x 1'400 mm (24 x 28 x 56")
CE-Conformity	The CableCoiler 1450 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.