

PIN CABLE COILER

RV500EF



For coiling flexible cables



RV500EF is designed to coil automatically with plastic tie cables and flexible tubes. The machine is easy to move as it is mounted on a structure with swiveling, self-locking wheels. It may be connected to SAMEC cut / strip machines or cutting machines and, with the aid of an encoder and external sensor, it can also function with non-SAMEC machines.

RV500EF contains a rotating platform with pins which are raised during the coiling process and protected by a plexiglass case. When the coiling is complete, the cover automatically lifts and the pins retract into the base, easing the removal of the coil.

To start the next cycle, the operator simply closes the case and presses a foot pedal.

Careful electronic control of the motor allows the operator to automatically adjust the coiling speed to match the speed of the cut / strip machines, resulting in perfect coils.

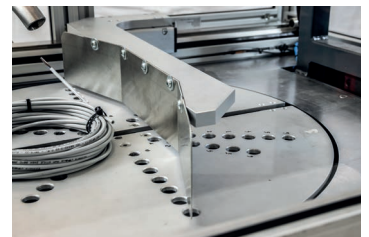
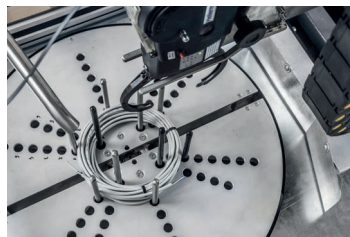
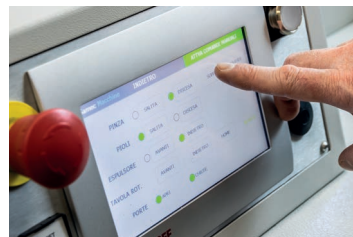
The coiler is supplied with a connector to link to other SAMEC machines.

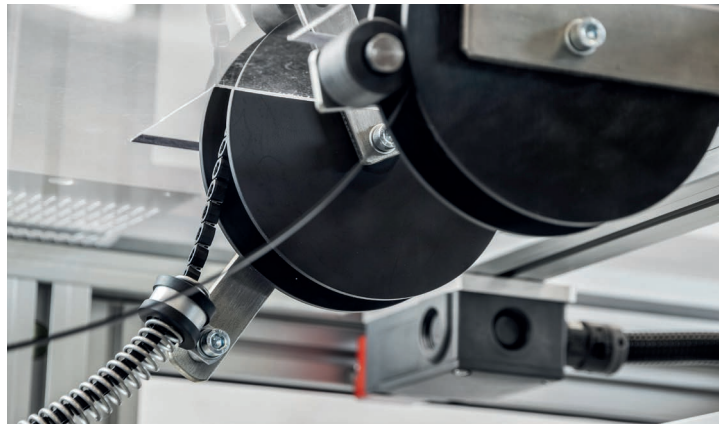
RV500EF is easy to adapt to a variety of job requirements through a few simple electric commands and mechanical adjustments.

Manufactured using high quality methods and materials, the machine guarantees long term durability. The mechanical movement components are assembled on bearings and the sliding shafts are ground, hardened and mounted on bushings. The electronic parts are produced with reliability and functionality in mind, using high integration components, while the top quality pneumatic parts can be easily found in all European countries. The electrical system conforms to EN60204 industry regulations.

Different work modes are set through a touch-screen keyboard.

The plexiglass cover allows the operator to constantly overview the work in progress, set and correct the batch parameters, and receive diagnostic information.

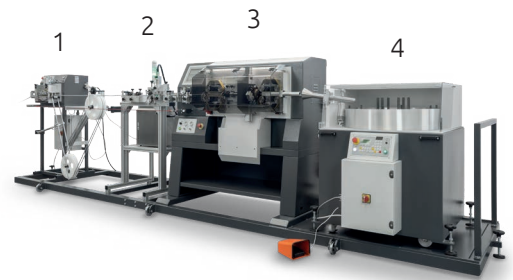




Some details

TECHNICAL SPECIFICATIONS

Data setup	7" touch screen display
Code storage	max 300
Coiling length	Depends on cable diameter
Coiling cable diameter	Depends on cable flexibility; max. 16 mm
Coil internal diameter	min 110mm
Coil external diameter	max 450 mm
Coiling speed	max 2.5 m/sec
Power supply absorption	230V - 50/60 Hz - 6A
Air supply	6 bar uninterrupted
Overall dimensions	850 x 1640 x H 1980 mm
Weight	185 Kg



- Inline assembly example:
1. Prefeeder
 2. Inkjet marker
 3. Cut, strip & unjacket machine
 4. Coiler

ACCESSORIES INCLUDED:

- The machine is delivered with the following accessories:
- 1 connecting cable for SAMEC machine
 - 1 cone cable guide, diameter = 21 mm

ACCESSORIES AVAILABLE UPON REQUEST:

- Cone cable guides for thin cables
- Encoder group with external sensors to connect inline with non-SAMEC machines.