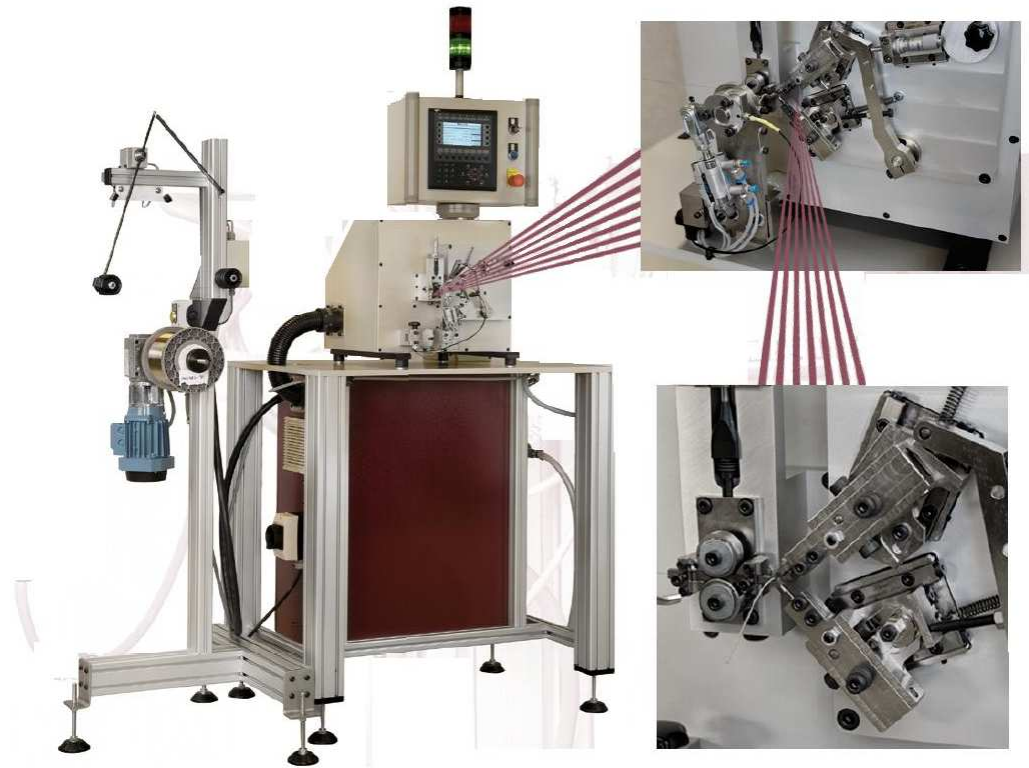


CNC Controlled
Spiral Coilers

C1 SERIES

THE C1 SERIES

The CNC-based spiral coiler has been designed to offer a stable coiling process of spirals, without using a mandrel. The CNC-based coilers use servo motors and servo drives to ensure stable and smooth motions that easily can be programmed. The spiral coiler uses one servo axis to control the wire feed length



The C1 coilers Specifications

Capabilities:

Spirals

Wire Diameter:

0,1-0,25 mm

Spiral Diameter:

0,5-2,5 mm

Wire Feed:

Unlimited

Output:

< 700 mm wire/s.

Weight coiler:

25 kg

System Weight:

100-150 kg

Power:

115 / 230 V 1 Phase 50/60 HZ

5,5 Bar Compressed Air

Electrical Interface:

24 VDC

Dimensions:

W: 400 mm D: 320 mm H: 350 mm

The C111 is a spiral coiler that pushes the evolution forward for medical spirals and similar products. The C1-serie is dedicated for the manufacturing of spirals, and has been developed for the medical device market.

The main product for its development is guide wires used in urology, radiology and angiography. C111 is a CNC based coiler, which means that there is flexibility when it comes to changing diameter and length. It is easy to operate and the unlimited wire feed allows spiral length up to at least 5 meters.

Apart from the advantages mentioned above, the first users of the C111 also appreciate the small size of the machine. C111 can produce spirals with a diameter of 0,5mm up to 2,5 mm with a wire thickness from 0,1mm up to 0,25. other coilers are capable of producing larger spirals. With the release of the C111 can offer a solution to a new segment in the medical industry.

A flexible production solution

By using pins for deciding the diameter of the spiral, the spiral coiler coils spirals without a mandrel.

This makes the changing between different wire diameters simple. By changing the position of the coiling pins, by a micrometer screw, a different diameter of the spiral is achieved.

Collector

To make the logistic with the finished spirals easier, the coiler can be connected with a collector. The collector collects the spirals, when they have been produced. The device can be disconnected and removed very easy.

Model C111

The C111 is a coiler for spirals with a diameter between 0,5 to 2,5mm and wire thickness ranging from 0,1 to 0,25 mm.

CNC-based Spring Coilers

For spirals with larger diameter and wire thickness, please look at our CNC-based spring coilers, which can just as well being used for coiling spirals.

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