

CNC Control Spring Coilers C4 Series

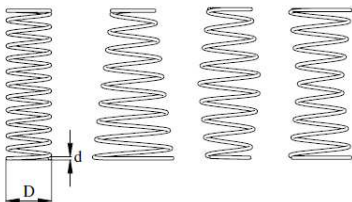
THE C4 SERIES

Stretching the limits for in-line production of compression springs and tension springs, the C4 series integrates a modular design providing the option to build a customized machine that fulfills the individual production needs.

C-4 Series Specifications

Capacity:
30-120 spring minute
Coiler weight:
45 kg net
System Weight:
200-400 Kg
Voltage:
324-528 V 3 phase
Rated current:
25 amp
Air pressure:
5.5 bar min

D=1.22 mm
D=01-1.1 mm



Colombi C4 is a series of CNC-Based spring coilers designed to serve assembly lines. The servo-controlled C4-Coilers can manufacture and deliver springs to widely separated points of the assembly line.

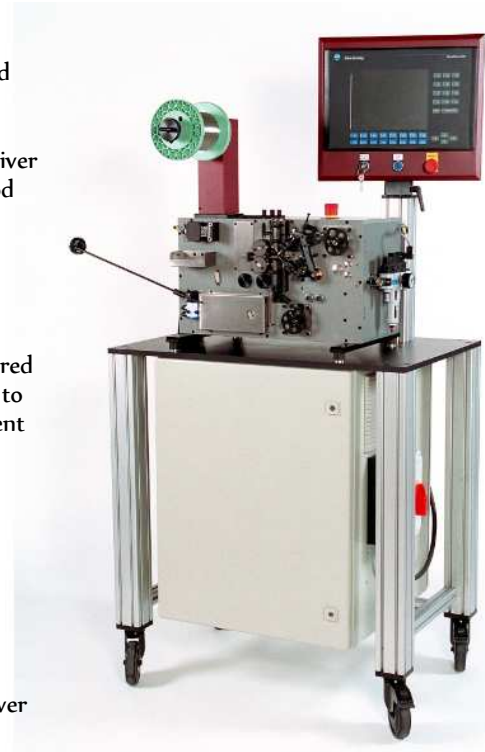
Springs on demand
The COLOMBI coilers are able to manufacture and deliver springs on demand. This means that the required quantity of springs will be delivered to the assembly line in the exact moment they are needed

CNC means flexibility
There are many advantages with a CNC-based spring coiler:

- Unlimited wire feed
- All movements are CNC-controlled
- Short set up and change-over times
- The possibility to get production feedback
- One coiler can supply more than one assembly line

One coiler can manufacture numerous different springs.

All the accessories in this system link together
The coilers in the C4-series can be used together with all post-manufacturing options, including in-line heat treatment and in-line length and load inspection. The last two options will sort out unsatisfactory springs and guarantee that only springs within the tolerances will be



fed to the production line.
A unique feature on the servo-controlled machines is that the accessories for in-line inspection on length and diameter can be used for automatic compensation for variations in the dimensions of the manufactured springs.

Available for all our coilers is also a wide range of pneumatic and electrical wire dereelers.

C-4 Series is designed to last
All components in our products are supplied by well known manufacturers with worldwide service.

Training & Service

As many of our customers are not trained users of spring coiling equipment, we can provide training and assistance for start-up and on-going support

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