Extension Spring Machines for a Wide Range of Different Loop Shapes

Technical Description:

The ZO 16 and the ZO 26 are the advanced versions of the gobally successful ZO machines - the first extension spring machines for a wide variety of different loop shapes. The optimized spring coiling machine produces the spring body. The new spring transport unit of the extension spring coiler passes the spring body to the first looping station. Once the first loop has been set upright, the spring is transported to the next station where the loop can be trimmed. Next, the loop is checked by an optical measuring system. After a second transport system has picked up the spring, the second loop is produced in the same way in a separate looping station. This unique principle of producing loops in two separate looping stations guarantees a maximum output of extension springs with the highest quality of loops.

Our Accomplishments for your Benefit:

- **The machine concept has been completely redesigned based on decades of experience. It stands for maximum reliability and highest outputs in the production of extension springs.**
- **The spring loops are optically measured to ensure maximum quality.**
- **The reliable looping plate technology guarantees highest flexibility of loop shapes. It can be set up outside the machine.**
- **Looping plates and tools from predecessor machines can be used.**

Technical Data		ZO 16	ZO 26
Wire Ø:	*[mm]*	0.2 – 0.6	0.5 – 1.6
Outer spring body Ø:	*[mm]*	1.25 – 6.0	4.0 – 16.0
Length of spring body:	*[mm]*	3.0 – 30.0	6.0 – 60.0
Coiling direction:		Only right	Only right
Loop height:	*[mm]*	max. 2× Di max. 8.0	max. 2× Di max. 16.0
Output:	*[pcs/min]*	max. 80	max. 80

ZO 16
ZO 26

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Precision Machinery for Wire and Tube