

# CNC Spring Coiling Machine for the Production of Compression Springs

## Technical Description:

Compression spring coilers from the FUL line are the most efficient WAFIOS machines. The FUL 226 is WAFIOS' first high-end spring coiling machine for the production of cold-coiled compression springs made of high-strength wire of up to 22 mm diameter and a tensile strength of 2,000 N/mm<sup>2</sup> or up to 30 mm diameter and a tensile strength of 800 N/mm<sup>2</sup>. Thanks to the new dual-coil pay-off unit, there are less downtimes and minimum set-up times. The machine has been designed for the production of larger suspension springs as they are used in electric vehicles and technical springs with large wire diameters.

## Our Accomplishments for your Benefit:

- New generation of machines for the production of springs with wire diameters of 18 – 22 mm and a tensile strength of 2,000 N/mm<sup>2</sup> or with wire diameters of up to 30 mm and a tensile strength of 800 N/mm<sup>2</sup>
- Technical enhancement and lower prices for large spring machines
- New market: E-Mobility (hybrid + electric cars), light trucks and substitution of hot forming operations
- Expansion of product range from right- to left-hand coiling
- Modular structure of machines

Technical Data	FUL 226
Wire diameter (RM - N/mm <sup>2</sup> )	12.1–22.0 mm 2,000 N/mm <sup>2</sup>
Wire diameter (RM - N/mm <sup>2</sup> )	12.1–30.0 mm 800 N/mm <sup>2</sup>
Max. feed speed:	65 m/min
Outer spring diameter:	320 mm
Max. output	35 springs/min
Coiling direction	Right, left as option



FUL 226