

# Electronic Spring Coiling Machine for the Production of Compression Springs

## Technical description:

The F 30 Performance is an economically attractive entry-level machine. The basic version has been designed for the production of right-hand coiled, high-precision compression springs in the medium wire diameter range. Due to its modular structure it can be individually configured as needed.

## Our Accomplishments for your Benefit

- **High-end control FPS 1.2**
  - ... Higher machine availability
  - ... New, intuitive and convenient user interface
- **Modular expandable compression spring machine**
  - ... For left-hand coiled springs
  - ... PTP Finger
  - ... Optical measuring (FVS), controlling and sorting of springs
  - ... Torsion cutting
- **High-performance machine with extended range of applications**
  - ... Higher feed speed
  - ... Larger outer spring diameter
- **Shorter set-up time and greater operating convenience**
  - ... Position-locked coiling tool holder
  - ... New, convenient protective hood design with more space for a larger maximum spring length

Technical data:	F 30 Performance
Wire diameter: with $W_m \geq 4$ or $R_m \max. 2,100 \text{ N/mm}^2$ :	0.7 - 2.5 mm
with $W_m \geq 6$ or $R_m \max. 2,000 \text{ N/mm}^2$ :	0.7 - 3.0 mm
Largest outer spring diameter:	ca. 60 mm
Max. wire feed speed:	ca. 135 m/minute



F 30  
Performance

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