

Precision machinery for wire, tube and formed parts



Product  
range

# The product range

No matter what you want to produce out of wire or tube material, WAFIOS can supply you with the right machine.

The following two pages will give you a first impression of our variety of products. For more detailed information please contact our sales departments.

## Wire bending machines



<b>Application</b>	Machines for the production of the most diverse parts made of wire and tube. As an option, these machines can also be equipped with an endworking unit, e.g. stamping, upsetting, heading and welding.
<b>Typical fields of application</b>	<ul style="list-style-type: none"><li>■ Automotive industry (e.g. car seat inlays, exhaust-gas systems, rods)</li><li>■ Display racks and shelves (e.g. merchandise fixtures, shopping carts)</li><li>■ Furniture and kitchen industry incl. white goods (e.g. oven grids, dish washer baskets)</li></ul>

## Our solution



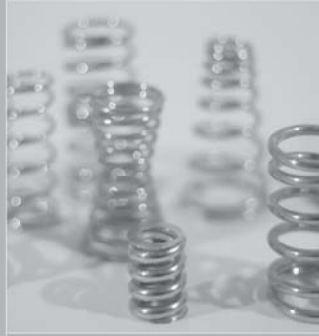
### Tube bending machines



Fully electronic CNC tube bending machines for the production of two- and three-dimensionally bent parts made of tube and solid material. Right- and left-hand bending in one clamping as well as combined rotary-draw and free-form bending is possible.

- Automotive industry (e.g. injection lines, brake lines, exhaust-gas systems)
- Electronic industry (e.g. heat exchangers, spirals for airconditioning technology)
- Toy industry (e.g. playground frames, Kettcar cycles)
- Medical technology (e.g. practice furniture, medical instruments)

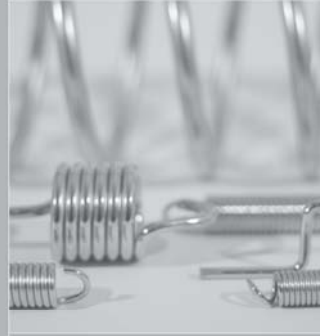
### Spring coiling machines



Flexible and powerful CNC-controlled spring coiling machines for the manufacture of right- and left-hand coiled compression springs, tension springs and torsion springs with straight, tangential legs.

- Product applications, e.g.
- Suspension springs
  - Valve springs
  - Contact springs
  - Garage door springs
- e.g. in the
- Automotive industry
  - Electronic industry
  - White goods industry
  - Medical technology
  - Mechanical engineering

### Coiling and bending centers



Extremely versatile CNC-controlled coiling (with / without mandrel) and bending centers for the production of torsion springs, tension springs and complicated three-dimensionally bent parts of different shapes.

- Automotive and supply industry
- Electronic industry (e.g. switches, spiralwound filaments)
- Mechanical engineering
- Fashion industry (e.g. eyeglass frames)

### Chain manufacturing machines



Durable, robust, heavy-duty machines for the production of high-strength chains. These machines are suited for continuous operation and they feature a long economic life-time. The range of chain manufacturing machines consists of chain bending, welding and calibration machines.

- Product applications, e.g.
- Automotive, wheel protection
  - and snow chains
  - Mining, conveyor chains
  - Shipbuilding, chain cables
  - Agriculture and forestry
  - Hoisting chain
  - Shopping carts
  - Playground equipment
  - Safety chains...

Wire nail machines



Machines for the mass production of screws and nails with in-line possibilities for thread-rolling machines. Convertible as needed, low tool costs, high output also in continuous operation while ensuring high precision.

Product applications, e.g.

- Nails
- Blind rivets
- Chip board screws
- Wood and sheet-metal screws

Applicable in various areas, e.g. in the

- Construction industry
- Furniture industry
- Packaging industry

Machines for formed parts



Coldforming machines and installations for the production of screws and formed parts. Additionally, extensive know-how of process technology, e.g. development of tools and special solutions.

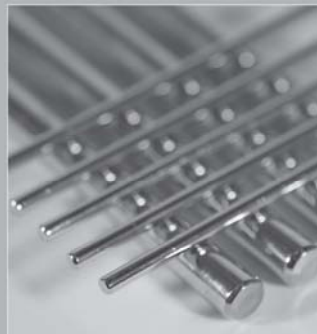
Application areas are, e.g.

- Electronic industry
- Automotive industry
- Furniture industry
- Construction industry

Product applications, e.g.

- Screws
- Rivets
- Balls
- Rollers
- Bolts
- Nuts

Straightening, cutting-off and endworking machines



Fully electronic wire straightening and cutting-off machines which can be combined with installations for the processing of rod ends (chamfering, stamping, surface grinding, pointing).

Product applications, e.g.

- Fences
- Cages
- Gabion baskets
- Wire display products
- White goods
- Condenser wires
- Wire mesh reinforcement
- Rod material...

Endworking



Machines and machinery systems for processing wire and tube ends.

Various application areas, e.g.

- Automotive industry
- Mechanical engineering
- Industrial plants
- White goods



# A strong machine program



WAFIOS has the most extensive range of machinery for wire, tube and formed parts on the market. Therefore, we can offer every customer the ideal machine for implementing their respective processing task in the technically and economically best way.

We are glad to advise you and to find the optimum solution together with you.

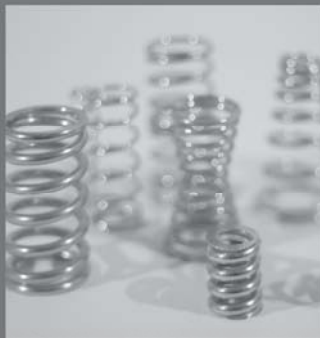


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