

meconet

Innovations are built together

Springs for mobile working machinery

Reliable spring solutions play a key role in mobile working machinery. Meconet designs and manufactures customized spring components that meet the demanding requirements of harsh working environments.

Typical applications

Our springs are used in a wide range of mobile machinery components, including engine hoods, transmissions, clutches, pedals, roof claddings, seats, hydraulic systems, and fenders. Whether it's a compact loader, tractor, or forestry machine – our spring solutions ensure durability and performance in demanding conditions.



Our spring products



Compression springs



Torsion springs



Extension springs



Wire forms

We produce tailor-made compression springs from wire diameters **0.1–12.0 mm** and torsion springs and wire forms from wires **0.1–8.0 mm**.

Wide raw material range

- Standard spring steel
- Zinc-coated spring steel
- Oil-hardened spring steel
- Stainless spring steel
- Acid-proof steel
- Heat-resistant wires (e.g. Inconel)
- Non-ferrous wires (e.g. copper)

After treatment options

- Annealing
- Grinding
- Shot peening
- Pre-stressing
- Surface treatments (e.g. painting)
- Dynamic fatigue testing

The advantages of spring design

The design phase defines how the spring performs, how long it lasts, and how costs can be optimised.

Accurate design

Each spring is designed with purpose-built calculation tools to ensure accurate dimensions and predictable behaviour.

Optimised load handling

Springs are individually analysed for demanding loads to maximise strength and lifespan.

Material excellence

The right materials help to attain consistent quality and excellent durability.

Fit and reliability

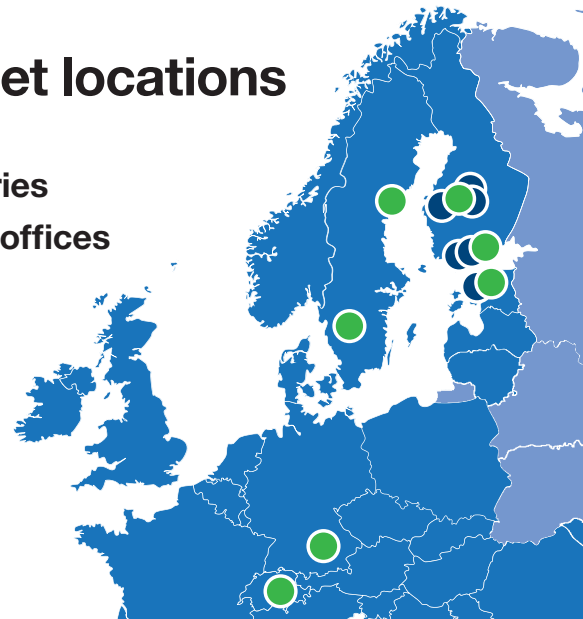
Early design ensures the spring fits perfectly into the final construction and performs reliably long-term.

Why Meconet?

- Decades of experience in spring design and manufacturing
- Reliable European production and flexible logistics
- Support from prototypes to serial production

Meconet locations

- 6 factories
- 7 sales offices



Technologies

Stamping

Deep drawing

Springs and wire-forms

Assemblies



Established

1896



Experts & personnel

450



Turnover

85M€



Quality certified

IATF 16949

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