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Engineered solutions



About us

MSP was established in 1964 and has long served many of the leading aerospace, defence, high tech manufacturing, oil & gas and medical companies.

We have a team of highly trained and skilled craftspeople with collective spring and presswork experience of over 800 years.

Coupled with state of the art manufacturing technology in our 40,000sq ft air-conditioned factory, you can be confident that however challenging your stamping or spring requirements may be, from prototype and development through to volume production, we are ideally positioned to assist you to realise the best engineering and commercial solution.

Tooling design and manufacture is done in-house using modern CAD CAM and EDM equipment enabling us to maintain the highest levels of quality that have become synonymous with MSP. Creative supply solutions such as VMI, KANBAN and consignment stock delivered on our own transport also contribute to our enviable OTIF reputation. Contact our experienced sales team to discover why leading blue chip across the globe choose MSP.

Under one roof

► Springs

Compression, extension, torsion, double torsion, wave, garter, circlips, clock, conical, wireforms etc.

► Stampings

Shims, gaskets, complex 3D, belleville washers, etc.

► Assemblies

► Heat treatment (NADCAP)

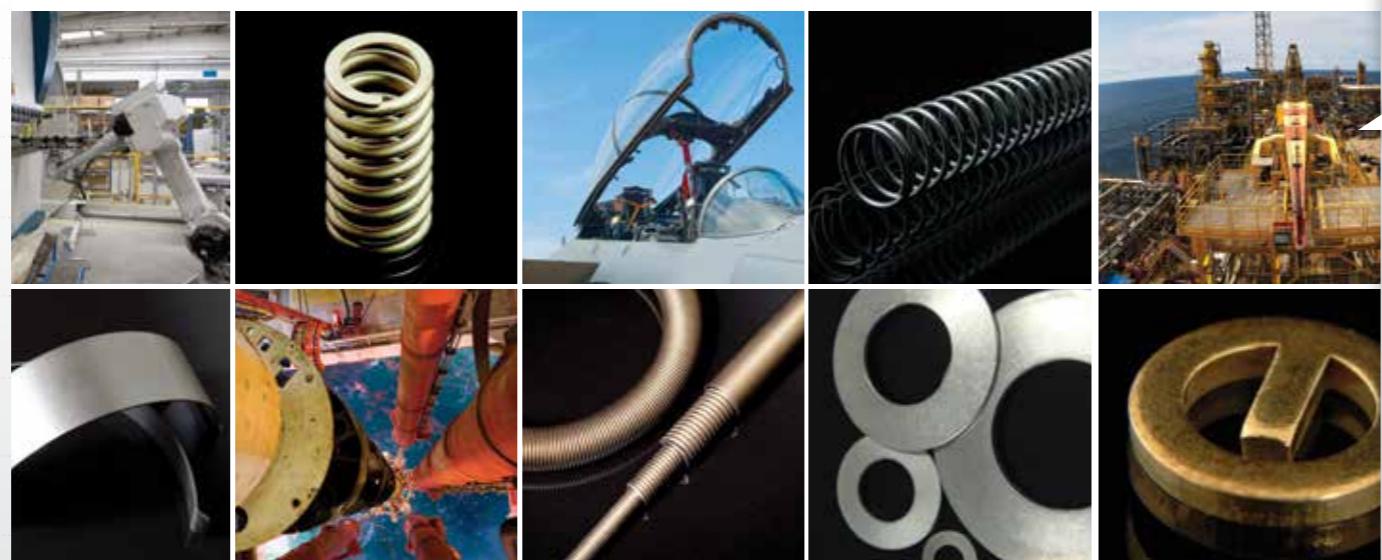
► Part Marking

Inkjet, vibro-peen and chemical etching

► Load testing

► Small part machining

► Tool Making



Springs

We manufacture virtually every conceivable spring type from 0.1mm to 20mm wire diameter in a range of materials including beryllium copper, tungsten, phosphor bronze, copper, brass, nickel alloys, carbon steel, stainless steel and polymers.

Batch sizes range from one to millions with the same exacting standards applied to all. In addition to springs, we are experienced in the manufacture of a vast array of 3 dimensional wire forms. Robust tailored inspection and testing regimes ensure that production remains well within engineering tolerance requirements throughout the product or batch lifecycle.



Stampings

With a huge range of equipment and a blanking capacity up to 125 tons and CNC punch press capability, we produce stampings in ferrous, non-ferrous and synthetic materials.

From flat sheet to formed and assembled components, everything is done in our factory, reducing lead times and ensuring the same high level of control and tolerance is maintained. Our extensively equipped tool room including EDM capability and machine centres produces all of our tooling reducing turn-around time from prototype and ensures that you can be assured of a quality product every time.

In addition to individual stampings, a large proportion of our work involves the production of complex assemblies involving a number of manufactured components.



Development

Design

Prototype

Production

msp

SPRINGS AND STAMPINGS

Engineered solutions

50

We've been trading for 50 years

17

We export to 17 countries worldwide

885

collective years experience

6,947

We produce 6,947 different manufactured parts - and every one has full traceability

Our experience is your peace of mind

Our primary differentiator is our experience in production design and passionate attention to detail.

Most of the components we make are used in safety-critical applications or in highly demanding environments. Before your order even reaches the shop floor it undergoes a rigorous contract review to ensure that all aspects of the production process have been carefully considered so that we pick up potential issues at the outset. We will also advise you on commercial opportunities to design cost out of your design.

Our team of time-served specialist spring makers and presswork engineers are fanatical about their craft, and are constantly re-evaluating the production process to optimise quality and throughput. We don't just rest there, aided by our ERP system, we are constantly evolving and investing in the latest equipment and techniques.



Key industry sectors:

