

Engineered solutions  
 for springs and stampings



**NADCAP ACCREDITED**  
 MSP - SPRINGS  
 & STAMPINGS

ENGINEERED SOLUTIONS  
**100% TRACEABILITY GUARANTEED**  
 MATERIAL • PROCESS • SUB CONTRACT



**ENGINEERED SOLUTIONS**



## About us

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

We have a team of highly trained and skilled craftspeople with collective spring and presswork experience of over 1,000 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 companies across the globe choose MSP.



### Under one roof



#### Springs

Compression, extension, torsion, wave, circlips, clock, conical, wireforms etc



#### Stampings

Drawn parts, gaskets, complex 3D, bellville washers etc



#### Energisers

Garter, U & V, Helical tape, canted, peek etc

#### MSP ALSO PRODUCE

EDM • Machining Assemblies • Tool Making • Heat Treatment (NADCAP) • Part Marking

## 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.





 50+

We've been trading for over 50 years

 17

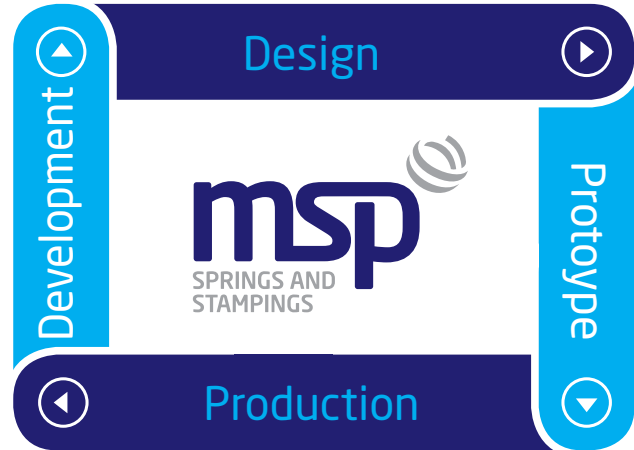
We export to 17 countries worldwide

 1,000

Collective years experience

 6,947

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



# ENGINEERED SOLUTIONS

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



Call us now and see how we can help you:

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