



Energy Solutions

Unmatched Performance in Demanding Global Environments

MW Energy Solutions specializes in custom designed and manufactured metal components for the harshest upstream, midstream and downstream environments: oil field equipment, oil field services, turbine machinery, pipeline, storage and petrochemical refineries.

Innovation and Advanced Engineering. Our technical expertise and commitment to pushing the boundaries of engineering excellence make us one of the most innovative suppliers in the energy market today. Our customers know they can rely on us for quick turnaround, rapid prototyping, rigorous testing and unique expertise in working with exotic materials. They also know our components will continue performing as specified, year after year, even in the most extreme operating conditions imaginable.

The Right Materials for the Most Demanding Requirements. Much of the innovation in the energy, oil and gas market is derived from the use of specialty materials so we place great emphasis on engineering and metallurgy. We have wide-ranging expertise in handling metals and alloys that meet the industry's specific performance requirements including Elgiloy®, Inconel®, and specialty stainless steels and titanium.

INDUSTRY APPROVALS

- ISO 9001:2008 (2015)
- Mil-I-45208A
- Mil-Std-45662
- ANSI/ASME SPPE-1
- TS 16949
- ITAR Certified
- RoHS Compliant
- API 14 A&D

Products and Services Made in the USA. We take great pride in our ability to deliver the highest quality, American-made products. From start to finish, our engineering team will work with you to assure the best solutions and the highest quality products for your needs.





Engineered Spring Products - Houston, TX

Engineered Spring Products® (ESP) is a solutions provider for problems involving compression springs, torsion springs, tube coiling assemblies, extension and garter springs, as well as Belleville washers/disc springs. We design and manufacture a wide variety of snap rings and flat form products such as bow and leaf springs. We offer spring design and engineering services to help maximize the performance of your design. Additional services include NDT, mechanical testing, shot peening, plating and complete heat and lot traceability.



USA Fastener Group - Houston, TX

USA Fastener Group has an extensive line of manufacturing and master distribution capabilities and offers its customers a wide variety of coatings and plating. Some of these include PTFE coating (Xylan®, FluorokoteI®, sC1® and Sermagard®), zinc plating, cad plating, hot-dipped and mechanical galvanizing, hot forging and more. One of the many benefits USA Fastener Group offers is an emergency callout program as well as access to corporate representatives 24/7.



Maudlin Products - Houston, TX

Maudlin Products is built on a commitment to quality, craftsmanship and meeting the most demanding industrial requirements. With over 70 years of manufacturing experience, Maudlin is unparalleled in providing affordable, high quality products to satisfy the most unique requirements. Explore our line of Energizer V and U Spring, Helical Spring, Slant Coil Spring and Spring Engineering, as well as our Shim and Custom Shim Line of Products. Offering 24-hour turnaround on all stock items, and one of the fastest turnaround times for custom products in the industry, Maudlin knows what it takes to ensure your equipment is protected and your schedules are met.



BellowsTech - Ormond Beach, FL

BellowsTech specializes in the design and manufacturing of edge welded metal bellows. With over a hundred die sizes and a wide variety of material choices from titanium to exotic alloys, BellowsTech is capable of producing custom bellows that can compress up to 90 percent of their free length.



Servometer - Cedar Grove, NJ

Servometer is the worldwide leader of electrodeposited bellows and rigid electroforms. Through a unique and proprietary manufacturing process, Servometer is able to produce flexible, lightweight and extremely rugged bellows, couplings, electrical contacts and rigid electroforms in miniature sizes (as small as 0.20 inches) for a wide variety of applications that require strict tolerances or exotic materials.

Products:

- Compression Springs
- Torsion Springs
- Extension Springs
- Belleville Washers and Disc Springs
- Coiled and Formed Tubing
- Metal Bellows
- Flexible Shaft Couplings
- Bow/Leaf Springs
- Special Machined Components
- Industrial Shims
- Seal Spring Energizers
- Custom Spring Assemblies
- Wire Forms
- Flange Bolts
- Studs
- Nuts
- Slip Springs
- Sockets
- Heavy/Finished Hex Bolts

Materials:

- Specialties
- Inconel®
- Elgiloy®
- Hastelloy® C276
- MP35N®
- Titanium
- Stainless Steel
- Hastelloy® C276
- A 286
- Alloy Steel
- Music Wire
- Chrome Silicon
- Brass
- Beryllium Copper
- Monel™
- Carbon Steel
- Copper Alloys
- Nickel Alloys

