Economy Spring is a manufacturer of precision and custom wire forms, metal stampings, coil springs, tubular components, and product assemblies, optimized for the medical, pharmaceutical, aerospace, and industrial markets. We provide prototype services with our in-house tool engineering and preliminary pilot production that helps support initial device development programs. Production is supported by our high-speed, state-of-the-art manufacturing equipment.

The manufacturing capabilities we employ include coiling for compression springs, bending/winding complex part shapes in our CNC wire forming machines, production of fourslide components, and progressive stamping of technical metal components. Our manufacturing areas work with round material, shaped material, and tube stock. The Economy Spring engineering team is always available to assist customers with development of their product parameters, optimizing the design intent or helping with product packaging considerations that will help facilitate line-automation techniques.

Our manufacturing environment provides project support through advanced quality planning and precision production methods through our skilled engineering. Customer satisfaction stems from our versatility and continuous improvement methodology that continue to assure product compliance. These qualities are inherent with all of the components that are manufactured with our equipment.

PRODUCT HIGHLIGHTS:

- Wire Forms
- Metal Stampings
- Coil Springs
- Torsion Springs
- Product Assemblies
- Surgical Staples
- Hypodermic Needles
- Laparoscopic Device Hardware
- Drug Delivery System Components
- Implantable Titanium Products
- Catheter Guide Wires
- Electrical Device Contacts
- Diagnostic Equipment Components
- Hemostatic & Ligating Clips
- Surgical Sharps
- Medical Grade Tubes
- Magazine Springs & Gun Components
- Diagnostic Tubular Components (Cannula, Tubes, Various Needle Geometries)

CONTACT US FOR A QUICK QUOTE ON YOUR NEXT PROJECT!
(860) 621-7358 • info@mw-ind.com
ECONOMY SPRING CAPABILITIES

PRODUCT MATERIALS:
- Surgical Materials
  - Stainless Steel
  - Nitronic
  - MP35N
  - Elgiloy
  - Titanium
- Red Metals
  - Copper
  - Brass
  - Phos Bronze
  - Beryllium Copper
- Carbon Steels
  - Music Wire
  - Rocket Wire
  - Basic Wire
  - Chrome Silicon
  - Chrome Vanadium
  - C1008/C1010
  - C1050
  - C1075
  - C1095
- Specialty Alloys
  - Aluminum
  - Alumel
  - Chromel
  - Hastelloy
  - Inconel
  - Kanthal
  - Kovar
  - Monel
  - Nikrothal
  - Nickel
  - Tungsten

MANUFACTURING CAPABILITIES:
- CNC Wire Forming
- Metal Stampings
- Fourslide Metal Forming
- Bending
- Coiling
  - Compression
  - Extension
  - Torsion
  - Micro Assemblies
- Electrolytic Machining
  - Cutting
  - Beveling
  - Notching
  - Slotting
- Flaring

MANUFACTURING SERVICES:
- In-House Cleaning
  - Aqueous
  - Ultrasonic
  - Passivation
  - Vapor Degrease
  - Electro-Polishing
  - Shot Peen
  - Tumbling
  - Welding
  - Grinding
  - Laser Marking
- Laser & Welding Services
  - Laser Machining
  - Laser Ablation
  - Laser Engraving
  - Laser Welding
  - Plasma Welding
- Class 100,000 (ISO 8) Cleanroom
- Special Packaging Techniques

SUPPLY CHAIN SERVICES:
- Customer Service Support
  - VMI/SMI
  - KANBAN
  - ASN
- Quality Support
  - PPAP
  - FAI
  - IQ/OQ/PQ

TECHNICAL SERVICES:
- Wire EDM
- CAD
- Prototyping
- Pilot Production Support
- Fourslide & Progressive Dies
- Engineering Design & Development
- Bridge/Gap Production Capability
- In-House Tool Design & Production

ECONOMY SPRING IS ISO 9001: 2008 CERTIFIED AND AN FDA REGISTERED FACILITY.