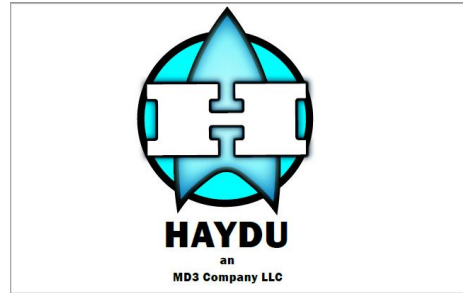


Hello,

**Z-HAYDU Manufacturing Corporation of Hollywood Florida  
is now under new ownership.**



**Medical Device Design and Development (MD3) LLC**

Please update our contact information so that we can continue to serve you and provide new capabilities as we revitalize the business.

**10306 USA Today Way  
Miramar, Florida 33025  
USA**

**Phone: 954 925 1779  
Website: MD3-LLC.COM**

**[Eamonn@MD3-LLC.com](mailto:Eamonn@MD3-LLC.com)  
[Dave@MD3-LLC.com](mailto:Dave@MD3-LLC.com)**

Here's a quick introduction to **MD3-LLC (Medical Device Design and Development (MD3) LLC)** and **HAYDU an MD3 company LLC**.

**MD3-LLC - Engineering Consulting and Program management**

For more than 24 years the global scientific community has turned to MD3 LLC for solutions and we've delivered with quality and innovation. MD3 LLC provides engineering consulting services and program leadership to enable experiments with new ideas in medical devices. MD3 LLC is at the heart of discovery working with medical device developers, life science researchers, scientists and technicians around the world to deliver solutions that streamline processes, integrate workflows and improve outcomes in the pursuit of scientific discovery and commercialized medical devices. We provide engineering support for research that must be carried on. We enable innovative programs and development. We provide unique capabilities, equipment, facilities and assist with new products launches. Working together with our clients and putting our client's customers first every day, we make a meaningful difference in people's lives.

**HAYDU an MD3 company LLC - Manufacturing & Operations**

Since 1975 HAYDU has evolved into an Award Winning MRP Supplier to the medical community. HAYDU an MD3 company LLC is a specialized manufacturer for medical device companies. We maintain a number of critical customers and are single sourced for many components. The instruments, parts and assemblies we produce are very high precision, requiring highly skilled operators to manufacture. HAYDU an MD3 company LLC is a specialized instrument and manufacturing supplier.

## Custom Tube Bending & Forming

Z. Haydu Manufacturing Corporation offers bending, flaring, tapering, drilling, EDMing, polishing, and special applications design for tubing up to .500" OD on most materials; larger sizes on a case by case basis. Bend tolerances +/- .5 degree with minimum distortion to the bend and leg lengths +/- .005".

(Click on thumbnail to enlarge)



## Custom Stainless Steel & Specialty Manufacturing

### EDM Small Hole Drilling

Z. Haydu Manufacturing Corporation can burn holes down to .005" OD or burn fragile material to specification.

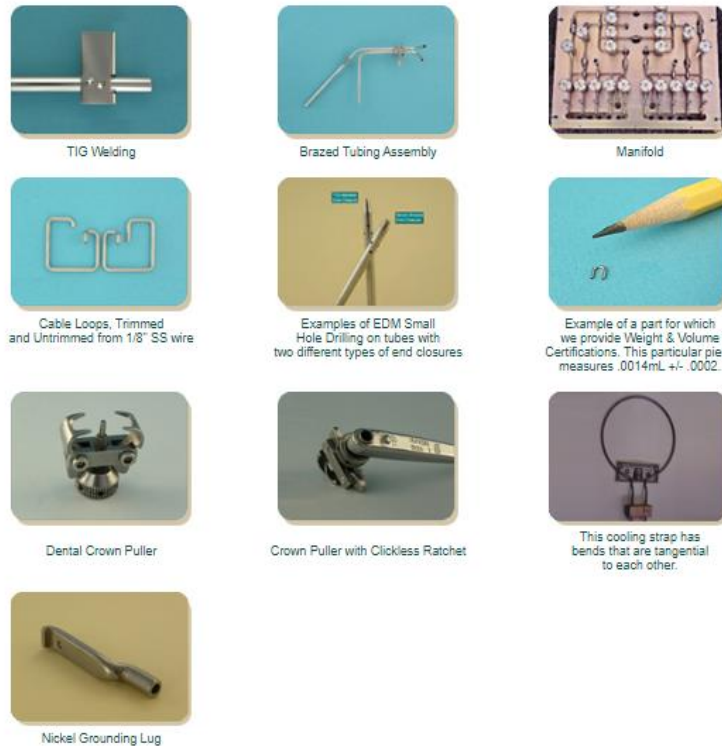
### Weight & Volume Certifications

With a Sartorius Scale, Z. Haydu Manufacturing Corporation can certify weights and water volumes of various tubes from .0005 to 120 grams, as needed in the medical industry.

### Welding & Brazing

Z. Haydu Manufacturing Corporation offers the services of a government certified welder specializing in TIG welding. We can produce complex multi-bend, multi-tube, TIG welded stainless steel assemblies. Brazed tubing assemblies will be assessed on a case by case basis from your bona fide blueprint specifications. With a complete machine shop, we can tool up fixtures and create gauges to assure on-time delivery and proper assembly as per your drawing specifications.

(Click on thumbnail to enlarge)



## Four Slide Wire and Ribbon Forming

Z. Haydu Manufacturing Corporation offers four slide wire & ribbon forming. We have a complete machine shop to manufacture the tooling requirements needed for your print or drawing specifications.

Z. Haydu Manufacturing Corporation offers four slide wire & ribbon forming. We have a complete machine shop to manufacture the tooling requirements needed for your print or drawing specifications. This process is designed for orders of 25,000 to 1,000,000+ parts from the same tooling. Parts that lend themselves to four-slide forming are typically used for electrical contacts, grounding lugs, lighting element leads, various crimps, specialized arch springs, and many other small parts that require both volume and consistent quality. Able to run most materials, size limitations do exist.

- Wire diameters up to 1/8"
- Ribbon dimensions of 1/16" THK x 1 1/2" W
- Stroke length (theoretical developed length of part) cannot exceed 6"

Additional considerations exist regarding piercing and bending. Each part will have its own unique tooling requirements.

(Click on thumbnail to enlarge)



Loops  
We can produce many varieties of closed loop configurations



Wires  
Tiny custom configurations



Copper Grounding Lugs  
Copper Grounding Lugs Beside a Penny to show size comparison.



Hooks  
We are able to produce a wide assortment of hooks in various shapes and sizes.



Ribbon  
Tungsten Ribbon .001 and .003" thickness

### Parts for the Lighting Industry



Light Filament Holder



Wire Preforms

## High Precision Stamping and Machine Services

We specialize in high precision small parts production using compound progressive stamping dies to punch out your designated products.

Stamping is the bending, cutting, forming, and/or piercing of metal ribbon stock through tooling dies placed inside a punch press. Parts can be simple or complex, needing a single shot or multiple strokes on a progressive die. These complex dies offer remarkable flexibility to facilitate a large variety of features to be produced in one tool.

Drilling, milling, grinding, & turning are also available as secondary & tertiary operations or for prototyping services.

A bona fide print is required to quote with a minimum quantity of 25,000 pieces to build a progressive die.

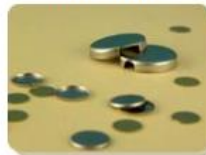
We have lower benchmarks for simpler products.

### Vent Pins



Major diameter .040", Minor diameter .020", Panoake .005"

### Simple Stamping



These simple shapes represent fine blanking due to their extreme thinness

### Temperature Sensor Mounting Bracket



Specifically designed to roll crimp

### Brush Holder



Designed to snap together and hold a brush for an

**HAYDU an MD3 company LLC offers numerous services and tools specializing in medical devices and Aerospace.**

- In-House custom tooling and fixturing
- Vertical Milling Centers
- Turning Centers
- Surface Grinding
- EDM
- Laser cutting
- Laser Engraving and Etching
- Polishing and Deburring
- Sand Blasting
- Scotchbrite, Burnishing and Tumbling
- Supplier Managed Inventory
- Dock to Stock Materials
- Certificates of Conformance
- Final Packaging