METAL STAMPING DESIGN & MANUFACTURING

Commitment to Quality is our LINK to Excellence.

CERTIFIED ISO 9001:2008 COMPANY

International Ordnance TECHNOLOGIES

COMPANY HISTORY

International Ordnance
TECHNOLOGIES

The Hedman family and it's ancestors have been manufacturing since 1904. The original manufacturing company was started by Glenn Greene Sr., and then carried on by his son Glenn Greene Jr. and his children. The Hedman family has worked together with other individuals to carry on this manufacturing tradition. Over the years the manufacturing facilities produced many metal and wire products, to include, but not limited to military products, such as; 5.56MM Stripper Clip and Fillers, 7.62MM Stripper Clips and Fillers, 5.56MM Steel Core Penetrators, Multi-Grain Flechettes, G.I. Can Openers, mop hardware, furniture hardware, ladder hardware and many other products.

International Ordnance is carrying on the tradition, manufacturing military hardware and the Haim Fastener (Small Load Binder) with original tooling, which our Great Grandfather invented and patented in the early 1900's. National Wire and Metal Tech, Inc. is also carrying on the traditon, manufacturing the full G.G. Greene mop hardware line.

Through the years, the Hedman family members worked in the manufacturing industry and pursued other paths; however, in 1999 we decided to come back together and start our own manufacturing company. In March of 2000, the family formed a women owned business named National Wire & Metal Tech., Inc.

National Wire & Metal Technologies, Inc. employs aproximately 40 people in the Jamestown area. The company manufactures sponge mops and other cleaning products for companies such as Rubbermaid®, O-Cedar Brands®, FHP®, Butler Home Products®, and several other large accounts. Many of the mops that are available at commercial distributors and major retailers such as K-Mart®, Wal*Mart®, Target®, and grocery stores are produced right here in Jamestown. The company has additional product lines such as, a complete line of closure handles for drums and barrels, and a wide range of capabilities: metal stamping, injection molding, wire forming, welding, fusing, and assembly operations; as well as, having established its own cleaning brand name "HOMEMAID®." You can visit the website at www.homemaid.us.

Prior to the National Wire & Metal Technologies' acquisition, the manufacturing operation was known as Metaltech Manufacturing Corp. Adolph Morando started Metaltech in the early 1980's. The company was then purchased in November of 1998 and was renamed Metaltech Manufacturing Acquisition Corp.

On March 17, 2000, the Hedman family purchased the assets of Metaltech from Wells Fargo Business Credit and began production immediately. Production began Friday March 17, 2000 and our first finished products shipped on Monday March 20, 2000. Making this happen was overwhelming at times for the company, but all the hard work paid off in the long run. National Wire & Metal Technologies, Inc. has worked diligently to expand its customer base, diversify its product lines, and improve operations. The company turned a profit after the first eight months of operation and has continued to show profitability every year.

The summer of 2001, National Wire & Metal Technologies, Inc. and Rick Howells started a metal finishing company named Industrial Metal Finishing, Inc. The company originally offered zinc plating, small batch powder coating, plaforization, electroless nickel, black oxide and de-burring services. They have now added hard-coat and regular anodizing, along with several other custom coatings. In 2008, the Hedman family sold their interest in Industrial Metal Finishing to Rick Howells, he now owns and operates the company. We have continued to support one another as industrial partners.

On September 22, 2001, National Wire & Metal Technologies, Inc. acquired their competitor, New Knight Corp., which was located in Philadelphia, Pennsylvania. The operation relocated to the Jamestown facility, creating and retaining 40 jobs, along with improving the company's diversification.

In August of 2002, some of the principals of National Wire & Metal Technologies, John Savko and others incorporated a new women owned business, International Ordnance Technologies, Inc. (IOT) This company purchased a 40,000 square foot facility in Jamestown, NY, and the tooling to manufacture machine gun links (ammunition-loading devices for weapon systems) from a California bankruptcy court. IOT continues to pursue its diversification strategy, as well as, established two complementary manufacturing processes, austemper heat-treat and barrel phosphate. Currently IOT employs a staff of 35.

National Wire & Metal Technologies, Inc. and International Ordnance credit their success to its dedicated customers and hard-working staff. "Our progress would not have been possible without the help of our team."

Our companies are continuously pursuing growth and diversification of its customer bases and product lines, along with always focusing on improving our manufacturing processes and capabilities. Our future holds great opportunities and we are looking forward to carrying on our manufacturing tradition started by our Great Grandfather over 100 years ago!

COMPANY PROFILE

International Ordnance TECHNOLOGIES

AT-A-GLANCE

- **Established - August 2002**
- **Women Owned Business** - resides in New York State EDZ and HUB Zone
- **QUALITY** - Facility is 9001:2008 ISO certified, continually trained in various quality procedures and processes
- **OPERATIONAL SECURITY (OPSEC)**
  All customer technical data, confidential and intellectual property is secure and safeguarded under our OPSEC plan
- **MANUFACTURING FACILITY** - 40,000 sq. ft. dedicated to manufacturing machine gun links, other military products and metal stampings
- **FULLY INTEGRATED MANUFACTURING** - Metal Stamping, Wire Forming, Welding, Heat Treating, Metal Finishing, Assembly, Tool Room and Custom Design, NON-UNION FACILITY
- **LOW UTILITIES**
  - Electric: IOT .056/kWh - other regions 12/kWh or higher
  - District Heat: Steam generated from power plant
  - Empire Development Zone (EDZ): Tax and Employee Rebate Benefits
- **RELIABILITY** - Just-in-Time Deliveries: what we produce today, can ship tomorrow

FACILITY EQUIPPED

- **Specially designed material handling systems**
- **15-150 Ton Stamping Presses**
- **Wire Forming - Four Slides & Custom-built forming equipment**
- **Custom Fixtured Mig, Tig and Ultrasonic Welding**
- **Continuous belt fed Austemper Heat-Treat Furnace**
- **Fully automated Phosphate line with a Henkel Lifeguard Smart Control System**
- **Assembly**
- **Complete Tool Room with Design and Micro-Precision Welding capabilites**
- **Complete Quality Lab**

Visit our website for more information: **www.iotusa.net**

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SERVICES

International Ordnance
TECHNOLOGIES

WIRE FORMING

Custom formed wire products and assemblies are available through IOT and our affiliate. We can custom build wire forming equipment, controlled with a PLC, to meet your product specifications or build intricate wire forming assembly operations. Our four-slide equipment offers high production rate opportunities for strictly wire formed components. Thread roller, coupled with our Shuster high-speed straighter and cutoff equipment, are available to fulfill all your wire and forming needs.

HEAT TREATING

The Austemper heat-treat process is primarily used to improve mechanical properties and minimize distortion. Therefore, austempering is a great application for machine gun links and other products requiring extremely tight tolerances to be held through the entire heat-treat process. All products are processed on a high alloy mesh belt, exposing the product to a rich nitrogen based atmosphere that guarantees minimal decarburization; while making sure the parts are running at a rate to achieve thermal uniformity and absolute minimal distortion. Our automatic loaders ensure consistent load levels, which are computer monitored along with the furnace temperatures, run rates, belt speeds and atmosphere.

ASSEMBLY

IOT assembles and packs machine gun links, other military products and metal stampings. We design and build costume assembly and sub-assembly equipment for specific products or applications, working closely with our customers, from the initial design stage through production ready first off samples.

TOOL-ROOM/DESIGN

Our in-house tool-room, engineers and design/build partners support all design and build projects for dies, gages, welders and assembly fixtures.

INJECTION MOLDING

Our affiliate company National Wire & Metal has injection molding equipment available for custom projects.

METAL STAMPING

IOT manufactures Metal Stamped Products with blanking, forming or progressive dies. The dies run in 15-150 ton Straight-Side, OBI, 4-Post and C-Frame Presses. Our company is capable of designing and building any type of metal stamping die that meets your needs and product specifications. We will work closely with our customers, from the initial design stage through production ready first off samples. Our company will also design any in-process or final gauges to ensure the product meets all your functional and dimensional qualifications. Due to stringent government requirements, IOT produces all products to high principle standards, regardless if it is military or commercial grade product, "which is our mutual LINK to success!"

METAL FINISHING

Macro-Crystalline Zinc or Manganese Phosphate are conversion coatings that provide corrosion protection, as well as a base for lubricants, break-in, anti wear and anti-scuff applications. The military frequently requires a chromate dip and dry to the touch oil application after the phosphate process. Our premier phosphate coating will demonstrate corrosion protection well exceeding the minimum 72-hour and 96-hour military salt fog requirements. IOT has both barrel and rack capabilities to meet your product needs. Our quality system ensures our process to be tightly monitored and controlled; yielding only superior crystalline structures that meet or exceed all military and customer standards. Our phosphate lab verifies compliance through frequent coating weight and salt spray testing. We can adjust our phosphate process to comply with any required product specifications.

IOT offers many metal finishing options through one of our affiliate companies; please visit our company history and our affiliated companies for more information. If our affiliated company provides a process of interest, feel free to contact them directly or we will work with them to provide our customers with one stop service, which makes our company unique because of our wide variety of capabilities.

WELDING

We offer many styles of welding services to our customers, to include mig, tig, spot and micro precision welding. IOT designs specialty-welding equipment and welding equipment fixtures for high volume welded products.

Additionally, our affiliated company National Wire & Metal Tech., Inc. offers all the above welding services, along with ultra sonic welding and fusing; please visit our company history and our affiliated companies for more information. If our affiliated company provides a process of interest, feel free to contact them directly or we will work with them to provide our customers with one stop service, which makes our company unique because of our wide variety of capabilities.

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Medium Caliber Metallic Machine Gun Links

International Ordnance
TECHNOLOGIES

M-28 (25mm)

MK-7 (20mm)

M12 (20mm)

M14A2/A2N (20mm)

M16A2 (40mm)

*Other medium caliber products available, along with custom design & build request

M-10000-000MIL	M-28, 25MM Cartridge Link Assembly, Per Drawing #12013213, In Accordance with AS12013524, NSN #1305011454721
M-70000-000MIL	Mark 7, 20MM Cartridge Link, Mod 1, Per Drawing #5871716, In Accordance with MIL-I 45208, NSN #1305004808083
M-80000-000MIL	M-12, 20MM Cartridge Link Assembly, Per Drawing #7147028 (AK), In Accordance with MIL-L-12997F, NSN #1305005410021
M-74000-000MIL	M-14A2, 20MM Cartridge Link Assembly, Per Drawing #8447633, In Accordance with MIL-L- 45194G, NSN #1305012900714
M-50000-000MIL	M-16A2, 40MM Loop Cartridge, Per Drawing #11691395, In Accordance with MIL-DTL-45585F(AR)
M-76000-000MIL	M-22, 20MM Cartridge Link, Per Drawing #8448023, In Accordance with MIL-L-45946A Standard, NSN#1305010545193

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Small Caliber Metallic Machine Gun Links

International Ordnance TECHNOLOGIES

M15A2 (.50 Cal.)

M9 (.50 Cal.)

M13 (7.62mm)

Compatible versions for plastic case ammo also available.

M6-8 (6.8mm)

M27 (5.56mm)

*Other small caliber products available, along with custom design & build request

M-20000-000MIL	M9, .50 Cal Link, Per Drawing #7140393, In Accordance with MIL-L-45923B Amend 1 Dated 23.04.97, NSN #1305000963180
M-20000-000COM	M9, .50 Cal Link
M-40000-000MIL	M13, 7.62MM Link, Per Drawing #7268389, In Accordance with MIL-L-45403E Amend 2 Dated 26.09.91, NSN #1305007527815
M-40000-000COM	M13, 7.62MM Link
M-35000-000MIL	M6-8, 6.8MM Link, Per Drawing #IOTM6-8 (6.8MM LINK), Compatible w/ M249 SAW & 6.8 SPC Ammo, Patent Pending by U.S. Machine Gun Armory, LLC.
M-35000-000COM	M6-8, 6.8MM Link
M-30000-000MIL	M27, 5.56MM Link, Per Drawing #11691287, In Accordance with MIL-L-63532C Amend 2 Dated 26.09.91, NSN #1305011945729
M-30000-000COM	M27, 5.56MM Link
M-22000-000MIL	M15A2, .50 Cal Link in Accord w/Drawing No. 7791440
M-22000-000COM	M15A2, .50 Cal Link

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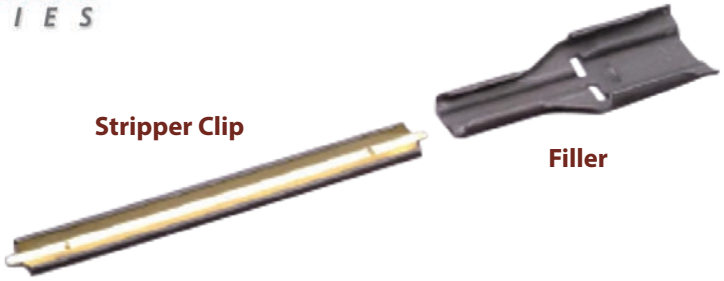
Stripper Clip & Magazine Filler

International Ordnance
TECHNOLOGIES



M-90000-000MIL	5.56MM Stripper Clip, Per Drawing #11010483, In Accordance with MIL-C-45931A, NSN #1305001210877
M-90000-000COM	5.56MMStripper Clip
M-91000-000MIL	5.56MM Filler, Per Drawing #11010484, In Accordance with SQ11010484, NSN #1005000524377
M-91000-000COM	5.56MM Filler
M-92000-000MIL	7.62MM Stripper Clip, Per Drawing #7790130, In Accordance with MIL-C-45404A
M-92000-000COM	7.62MM Stripper Clip
M-93000-000MIL	7.62MM Filler, Per Drawing #7791154, In Accordance with SQAP-F-7791154
M-93000-000COM	7.62MM Filler

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Commercial & Other Military Products

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TECHNOLOGIES

Small Load Binder (Body Only)

Small Load Binder (Complete)

Poly Carb E-Clips (CPS)

*Other commercial products available, along with custom design & build request

1932B	Small Load Binder (Body Only)
1932C	Small Load Binder (Complete)
2001	Poly Carb E-Clip (CPS)

Multi-Grain Flechettes

Steel Core Penetrators

*Other military products available, along with custom design & build request

M-98009-000MIL	5.56MM M855 Steel Core Pentrator, Per Drawing #9342870, In Accordance with MIL-2550B
M-99000-000MIL	Multi-Grain Flechettes - Please call or email your specific requirements
M-82003-000MIL	Safety Clip, Per Drawing #201026, In Accordance with MIL-STD-32328
M-96000-000MIL	30mm Ammunition Metallic Strip, Per Drawing #12902719, In Accordance with NSN #1395013248203

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OUR QUALITY POLICY & MISSION STATEMENT

IOT will continually supply our customers superior quality, delivery and part value, which is our mutual "LINK" to success!

Success is achieved and maintained by management, employees and venders through commitment to our mission, hard work and dedication, creating new growth opportunities for everyone!

*Our **QUALITY** system is continually evolving to sustain part excellence. Our quality systems staff works diligently, continually improving IOT's Total Quality System and training our personnel on the most current procedures and process controls, such as, SPC, 5S, Lean/Theory of Constraints, Problem Solving, Preventive Maintenance and OSHA Standards. International Ordnance Tech., Inc. is a certified ISO 9001:2008 company that supplies exceptional quality products to our customers on a continual basis, making IOT the preferred link supplier in the industry.*

***DELIVERY** is essential to our mutual success. We are constantly working towards 100% on-time deliveries; we are perpetuating this trend by maintaining a Kanban system, continual production improvements, and ensuring on-time delivery of quality products from our vendors. To achieve production improvement, our primary focus continues to be on improving internal production capabilities through, equipment reliability/upgrades, process and engineering improvements.*

*We offer **VALUE** to our customers through not only Quality and Delivery, but also through driving down product costs, enabling IOT to present the best value parts in the market place. We accomplish this through outstanding product performance and customer service, purchasing strategies, total integrated manufacturing processes, low overhead structure, non-union facility, continual process improvements, minimal customer rejects and scrap. Our customers also yield value through our wide variety of product and service offerings, making IOT a One-Stop-Shop that fulfills multiple product and service needs for our customers.*

Our Quality Statement: "Commitment to Quality is our LINK to Excellence"

Certified WBE Women's Business Enterprise

CERTIFIED ISO 9001:2008 COMPANY

OPSEC

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