

# **WCISA® Member Directory & Product Listing 2020 Edition**



**WCISA®**  
*Wire and Cable Industry  
Suppliers Association®*

**North American-based suppliers of  
machinery, materials and accessories  
for making all types of wire and cable.**



**WCISA® is a nonprofit trade association.**  
**[www.wcisaonline.org](http://www.wcisaonline.org)**



# WCISA®

Wire and Cable Industry  
Suppliers Association®

**WCISA® Members are North American-based suppliers of machinery, materials and accessories for making all types of wire and cable.**

[www.wcisaonline.org](http://www.wcisaonline.org) • [info@wcisaonline.org](mailto:info@wcisaonline.org)

1741 Akron Peninsula Rd. • Akron, OH 44313 USA • Tel 330 864-2122 • Fax 330 864-5298

## **WCISA's Mission:**

WCISA's mission is to promote its members' products and services by providing its members with promotion, representation, networking/social opportunities and services at domestic and international wire and cable trade shows and conferences.

## **WCISA Officers\***

- **Drew Richards, CEO, RichardsApex, Inc., WCISA President**
- **Rahul Sachdev, Executive Vice President, Wire & Plastic Machinery Corp., WCISA Immediate Past President**
- **Mike McNulty, VP & Editor, Wire & Cable Technology International, WCISA Executive Director**

## **WCISA Board of Directors\***

- **David Braun, Wire & Cable Industry Manager, Teknor Apex Co.**
- **Mark Canrobert, Vice President, Industrial Tapes, Chase Corporation**
- **Timothy Copp, Vice President Business Development, REELEX Packaging Solutions, Inc.;**
- **Rob Fulop, President, Wire Lab Company**
- **Brian Holden, National Accounts Manager, Carris Reels**
- **Paul Gemelli, Executive VP, Gem Gravure Co. Inc.**
- **Dave Kiddoo, CEO/Director, IWCS, Inc.**
- **Jay Luis, Marketing Manager, Worldwide, NDC Technologies**
- **Gord Murray, Director, QED Wire Lines Inc.**
- **John Zachow, Vice President – Wire & Cable Systems, Davis-Standard Corp.**

\*WCISA Officers also serve on the WCISA Board of Directors

## **Membership: How to Become a WCISA Member Company:**

WCISA is a nonprofit, corporate membership organization of North American suppliers of machinery, materials and accessories used to make all types of wire and cable. Members are based in or have an established subsidiary in North America. Prospective members should send an email to [info@wcisaonline.org](mailto:info@wcisaonline.org) to apply for membership: send Company Name, Address, Phone, fax, Key Contact Name, E-mail, Website and a 50-Word Description of your products and Services. The WCISA Board votes on all membership applications. Annual dues are US\$300 per member company.

## **WCISA Partners**

In pursuit of its mission, WCISA works with leading industry associations and organizations including the following:

- International Wire & Cable Symposium, Inc. (IWCS, Inc.), [www.iwcs.org](http://www.iwcs.org).
- The International Wire & Machinery Association (IWMA), [www.iwma.org](http://www.iwma.org).
- Messe Düsseldorf North America, [www.mdna.com](http://www.mdna.com)
- The Wire Association International (WAI), [www.wirenet.org](http://www.wirenet.org).
- Wire & Cable Manufacturers Alliance, Inc. (WCMA, Inc.)

Proposals for new and expanded relationships are welcome.

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## WCISA® Member Benefits

- 1. COMPANY AND PRODUCT PROMOTION:** WCISA Member Directory and Product Guide: published annually and distributed worldwide at trade shows and conferences in North America, Europe and Asia. WCISA web site, [www.wcisaonline.org](http://www.wcisaonline.org), containing member company and product information and hotlinks to member's e-mails and web sites. WCISA press releases published in wire and cable media outlets.
- 2. REPRESENTATION AT TRADE SHOWS AND CONFERENCES:** WCISA exhibit booths. Literature distribution at shows. Pavilion sponsorships. Show services. Hospitality Events.
- 3. NETWORKING AND SOCIAL OUTING OPPORTUNITIES:** At exhibitions and conferences.
- 4. SCHOLARSHIPS FOR WCISA MEMBER COMPANIES:** Employees, Interns, High School Graduates, Partner Associations, Special Circumstances.
- 5. PARTNERSHIPS & DIALOGS WITH INDUSTRY ASSOCIATIONS AND EVENT ORGANIZERS:** IWCS, IWMA, MESSE DÜSSELDORF (GERMANY & NORTH AMERICA), WAI.
- 6. A UNIFIED VOICE & SUPPORT OF NORTH AMERICAN SUPPLIERS**

**SUPPORT THE INDUSTRY, YOUR COMPANY AND  
YOUR FELLOW NORTH AMERICAN SUPPLIERS  
IN THE WORLDWIDE MARKETPLACE**

**Ace Metal**

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E-mail: [sales@acemetalinc.com](mailto:sales@acemetalinc.com)  
Website: [www.acemetalinc.com](http://www.acemetalinc.com)  
Key contact: Richard Medoff



Ace Metal is a manufacturer of tire cord spools, metal spools, and tubular wire carriers. Ace Metal has built an excellent reputation manufacturing custom and standard wire drawing spools for the ferrous and nonferrous wire industries. Spools are designed for uniform quality and precision, and they are manufactured from 16, 18, and 20 gauge prime steel with spot-welded or seamwelded barrels, according to customer specifications. Finished spools are tested on a specially designed hydraulic spool tester. Spools can be used for batch annealing, and they are available in plain steel or with a baked enamel paint finish. Ace Metal tubular wire carriers are precision-made, designed at economical prices, and guaranteed for quality and strength.

**AGC Chemicals Americas, Inc.**

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AGC Chemicals Americas, a leading global supplier of high-quality fluoropolymer resins, compounds, fluoroelastomers and specialty chemicals and materials. AGC Chemicals America maintains manufacturing operations in Thorndale, PA, USA, and warehouses located throughout North America.

**AIM, Inc.**

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Contact: Joseph Pastore (J.P), Sales Manager  
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AIM Inc. manufactures 2D and 3D single and dual bending head machines complete with payoff units and straightening devices. AIM provides a comprehensive number of in-line and off line accessories for almost all possible operations along with a complete robotic work-cell automation. Bending and welding equipment for wire, shaped wire, tube, Rebar along with our new "BenderCAD" a solution for 3D Solid Modeling design software with CAM capabilities.

**AITMAC, Inc. (Advanced Industrial Technologies and Machines, Incorporated)**

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Web site: [www.aitmac-ca.com](http://www.aitmac-ca.com)



AITMAC offers efficient and productive manufacturing technologies from world leader manufacturers, including A APPIANI, a world leader manufacturer since 1962 of standard and custom build steel reels for shipping and processing according to DIN specifications or to customer requirements; COMETO wire straightening, guiding and feeding equipment; TRAMEV portable tooling for shearing, cutting, straightening and bending of metal wire, rod, strip, cable, bar, metal banding and also the punching of metal plate and

FELISARI sheath cutting and stripping equipment for mineral insulated cables. Aitmac Inc., is also the official supplier of Lesmo and Eurodraw Energy machine spare parts and service requirements.

**Amacoil, Inc.**

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Amacoil is the exclusive North American distributor of Uhing rolling ring linear traverse assemblies for wire and cable winding. Amacoil offers full service on Uhing traverse drives including added-value manufacturing, repairs, parts and ongoing technical support. Uhing rolling ring drives do not require programming or complex controls. Travel direction and linear pitch are adjustable without changing gears or reversing the motor.

**Amaral Automation Associates**

451 West Shore Road, Warwick, RI 02889

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Amaral Automation provides process controls and equipment to the wire, cable and plastics industries representing various companies including Zumbach, Davis-Standard, B & H Tools, W. Gillies Technologies, Bardac Drives, Teknikor, Powertec Motors, Maag/Automatik, TSM Control Systems, Yield Management, Benshaw, Balloffet, RS Powdertech, Plasticolor and Subec. Amaral Automation is Subec's exclusive distributor for the United States and Canada.



**American Kuhne, a brand of Graham Engineering Corporation**

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Websites: [www.americankuhne.com](http://www.americankuhne.com) and

[www.grahamengineering.com](http://www.grahamengineering.com)



AK provides complete wire and cable system solutions with a wide range of capabilities. AKcess control systems. AK specializes in the design and manufacture of extruders which can be customized to meet individual processor's needs. ¾ to 12-inch air-cooled or water-cooled extruders, Co-extruders for striping and multi-layer and H-frame base for portability and stability.

**Amexstra, Inc.**

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Fax: 1-607-565-1225

Email: [amexstra@gmail.com](mailto:amexstra@gmail.com)

Contact: Jason Rodd, President

**Am Ex Stra**

Amexstra focuses on importing, manufacturing and refurbishing components for the wire industry, including ceramic parts for all types of wire production processes.

## Arkema Inc.

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King of Prussia, PA 19406 USA  
Tel: 610-205-7548, Fax: 610-205-7497  
Contact: David Kreh, Global Market Manager  
Wire and Cable  
Email: david.kreh@arkema.com  
www.kynar.com www.rilsan.com



For over 50 years, Kynar® polyvinylidene fluoride (PVDF) resin, a specialty thermoplastic fluoropolymer, has been used in applications that require high strength and purity. Known for its high purity, Kynar® PVDF resins also provide chemical resistance to acids and bases, abrasion resistance, flame retardancy, mechanical strength, impact resistance, thermal stability and ease of processing - making it an ideal choice for wire and cable construction.

## AW Machinery LLC

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Website: www.awmachinery.com  
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**AW MACHINERY**

AW Machinery LLC, purchased the engineering information (entire library of project files and designs) and inventory formerly owned by Viteck Inc. in 2003 and has since been providing a complete line of equipment for both plastic insulating, and, continuous cure CV insulation of wires and cables from Fiber Optic through Power Cables. Short deliveries for new components, wire line systems, complete technical service and spare parts for new and existing equipment presently in the field, is a specialty of AW Machinery. Some of the products manufactured by AW Machinery include:

- Entire line of individual machines and complete extrusion lines (Plastic, CV &

Fiber Optic)

- Flyer Payoffs & Jackstands
- Payoffs (Motorized / Drag Brake)
- Take-ups
- Cooling Troughs
- Cooling Capstan Systems
- Mist Boxes
- Vertical & Horizontal Dancers / Accumulators
- Tension Controllers & Tension Brakes
- Load Cells
- Capstans
- Splice Boxes for CV Lines
- Water Seals for CV Lines

## Aztech Lubricants LLC

29047 State Highway 59  
Wayne OK 73095 USA  
Phone 405-310-0034  
Fax 866-251-0666  
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Aztech Lubricants is new style of lubricant company for the wire industry. We will formulate and produce products to meet the customer's needs, many custom blends. Our EZDraw, EZCoat, EZClean and AZWipe products include dry drawing powders (including calcium, sodium, potassium and blends); vanishing oils; weaving lubricants; precoats; protective coating products for galvanized wire; and cleaners.

## Balloffet Die Corporation

471 N Resler Drive C2  
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Website: www.balloffetusa.com  
Contact: Bill Couse, VP



Balloffet Die Corporation is a supplier of Natural, Synthetic-Single Crystal & Polycrystalline Diamond Dies, Extrusion Tips & Dies, Die refinishing & Inspection equipment and recutting services.

**Bartell Machinery Systems, LLC**

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Ceeco Bartell is committed in its aim of providing customers the highest possible quality service in the wire and cable industry. The Ceeco Bartell team contains many recognizable names and faces in the cable industry from around the world. Ceeco Bartell has brought this wealth of experience together in order to continue to give customers deservedly the best product support team in the world.

- High speed side loading roll form strander, up to 300 mm<sup>2</sup>
- Modularized Roll Form unit, producing 240 mm<sup>2</sup> compact aluminum at 200 m/min
- New 2" and 5" high speed strip interlock armouring lines, with 300 mm wide coil width
- High speed orbistrand rigid strander machine for screening applications
- Backtwist high speed data cable twinning, with and without backtwist
- High performance OPGW stranders
- Full range of tubular stranders
- Umbilical and submarine cable lines
- Custom designed equipment for flexible pipe industry

**Baum's Castorine Co., Inc.**

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Baum's Castorine Co., Inc. has been formulating industrial lubricants since 1879 in Rome, NY. In addition to the wire drawing industry, Baum's also serves many metal-working industries as well as agricultural and construction industries. Baum's offers a full line of products including oils, coolants, soluble oils, greases, and lubricating oils. Baum's is also a custom blender for the US military and the International firefighting industry.

**B&H Tool Company**

285 Pawnee Street, Suite D  
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B&H Tool Company is a provider of innovative tooling solutions that improve the quality of extruded products and reduce scrap and set-up. For the international medical device industry, where B&H Tool is a leading supplier, the BH25A MicroCrosshead with Spiral Deflector is most newsworthy. This new tooling development is the industry's lowest volume microcrosshead, delivering breakthrough microextrusion performance for applications including microbore tubing, fiber optics, and insulated fine wire.



**Blachford Corporation**

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**Blachford**

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mmessner@blachfordcorp.com  
Website: www.blachford.com  
Contacts: Mark van der Vlist, Vice President  
of Sales and Marketing; Matthew Messner,  
International Commercial Manager

Blachford has developed cutting edge wire drawing lubricants which provide tire bead producers with 30% reduced usage; and welding wire producers with unmatched arc stability - all while maintaining excellent die life and feed-ability. Many of our lubricants have become the industry standard for providing excellent die life and wire quality at low cost for high speed, high carbon wire applications. Our unique manufacturing process enables us to produce lubricants in a "beaded" form, which results in significantly less dust generation during handling and drawing through the die box. Having supplied the Global Wire Drawing Industry since 1958, Blachford is considered a valued partner by many of the world's largest wire producers. We understand that each wire drawing process is different. In order to meet the needs of the global wire drawing industry, we maintain a wide array of products, manufacturing capabilities and constantly create new technologies in both liquid and dry lubricant products.

**Cable Components Group (CCG)**

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Contact: Charles Glew, President

Cable Components Group (CCG), founded in 1998, designs, engineers and manufactures extruded products for wire and cable, fiber optic cables and industrial non-wovens. CCG's 6-LAN™ crosswebs are foamed and include patented designs for Category 6, 6e and 6A LAN cables. CCG's FluoroFoam® is a patented chemical foaming agent of fluorinated ethylene propylene (FEP) or perfluoro methyl alkoxy (MFA) for use in insulations, tapes and 6-LAN crosswebs. Foamed fluorine-based products are particularly suited for the evolving Power over Ethernet (POE) or Power over LAN standards. These standards require materials with enhanced thermal stability, and foamed FEP or MFA insulation and jacketing offer an added safety margin for POE applications. For the POE standard from 0.5 AMPs to 1.0 AMP for Limited Power (LP), CCG offers these jacketing materials, as well as FluoroFoam insulation and crosswebs. 200°C-rated FluoroFoam FEP or MFA Jacket with FluoroFoam insulation and crossweb for 0.8, 0.9, and 1.0 AMP POE; 150°C-rated PVDF Limited Combustible Fluoro-Alloy Jacket with FluoroFoam insulation and crossweb for 0.6 and 0.7 AMP POE; 90°C-rated Low Smoke PVC Jacket with FluoroFoam insulation and crossweb for 0.5 AMP POE. All of these new materials are compounded by CCG in an effort to vertically integrate materials to service our customers with innovative, higher temperature-rated, fire retardant and foamable materials. CCG will use this compounding capability to



service our in-house extrusion needs for crosswebs, tapes, tubes and monofilaments, as well as offer for sale these new foamable, as well as fire retardant compounds that are especially designed for copper wire and fiber optic cabling.

## **Calmec Precision Limited**

Marc Fitzner, President

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Established in 1979, CALMEC is a Canadian machinery manufacturer providing tailored Engineered Armouring Solutions. Calmec specializes in process driven equipment for the continuous roll forming of metallic strip, and the application of metallic and non-metallic tapes, to produce flexible conduit and pipes over electrical cables, hoses, and as components of deep sea umbilicals.

## **Carris Reels, Inc.**

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E-mail: sales@carris.net

Website: www.carris.com

Contacts: Dave Ferraro – CEO /

Brian Holden – National Accounts Manager



Carris Reels manufactures and distributes packaging solutions for the wire and cable industry including plywood reels, nailed wood reels, hardboard reels, plastic reels and accessories, hybrid reels, wood/metal reels, stamped metal reels and REELEX pay-out tubes and accessories. Additional services offered are recycling/repair services and

logistics in New England and Texas. It's vast manufacturing network consists of (11) locations across the U.S., Canada and Mexico, in addition to (8) warehouse/assembly locations. Carris Reels is 100% employee owned. J. Hamelin Industries and Lone Star Reel are part of the Carris Community of Companies.

## **CEECO Bartell Products**

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Since its formation in the late 1960s, Ceeco has been a premier supplier of Rotating equipment around the world. With its re-emergence as part of Bartell Machinery Systems LLC, Ceeco Bartell will continue to provide high quality innovative solutions to meet the product needs of our customers worldwide. Production Systems for: Telecom & Datacom Cables: Data and telephone group twinning, with and without backtwist. Individual twinner, with and without backtwist, stranding. Optical Fibres & Cables: OPGW lines, Planetary stranders, armouring lines. Power Cables: Rotating equipment for low, medium, high, extra-high voltage cables. Flexible Pipes: Custom designed machines for the oil supply industry. Machinery & Components: Wire & Cable Handling: Range of single & dual, portal & fully automatic payoffs/take-ups for reels to 40 tons. Rotating Stranding: Conductor bunching, stranding & cablers. Automation & Control: Machine & line control: Manufacturing process monitoring, analysis & supervision. Line Accessories & Components: Capstans, caterpillars, accumulators & special equipment needed for each production type.

**CEMANCO LC**

951 NW 31st Ave

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Contact: Rainer Lashofer, President

Ceramic eyelets, rods, tubes and customized shapes; pulleys in various materials like ceramic, CeramP, aluminum or steel with hard coatings or ceramic inserts; wire straighteners and guides adjustable and fixed with multiple choices of rollers, coatings and designs; hydraulic cutters; linear traverses; drawing capstans, rings and cones.



and binder tapes. For power cables, Chase Corporation manufactures Chase BIH2Ock® conductive moisture-blocking strand fill compound. Stewart Superabsorbents (SSA) offers superabsorbent powders, liquids and hot melt adhesives as well as warehousing, distribution and tolling services.

**Chase Corporation**

295 University Avenue

Westwood, MA 02090 USA



Subsidiary companies:

- NEPTCO
- Stewart Superabsorbents

Adam Chase, President and  
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Chase Corporation and its subsidiary NEPTCO are manufacturers of a variety of laminated foils and coated fabric tapes for use in the manufacture of electronic, CATV, instrumentation, control, telecommunications, aerospace, military, industrial and distribution power cables. Specific products include EMI/RFI shielding tapes, thermal, flame and moisture barrier tapes, semi-conducting and water-blocking tapes, identification tapes and a wide range of bedding

**Coats North America**

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Contact: Kelly Means -Project Manager

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E-mail: [Kelly.Means@Coats.com](mailto:Kelly.Means@Coats.com)Web Site: [www.Coats.com](http://www.Coats.com)

Coats, the world's largest thread supplier, has 40 manufacturing locations with distribution in over 70 countries. Commitment to serving all your thread requirements makes Coats your clear choice for global partnership. Thread: Aramid; Cord; Core; Fiberglass; Filter Bag; High-Temperature; Nylon; Nylon Filament-Bonded; Poly-Cotton; Polyester; Polyester Filament Bonded; Polypropylene; PTFE; Twine Bobbins: Ready-Wound.

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Contacts: Nicole Paszkiewicz, Jamie Ginn



Colorant Chromatics is the world's leading specialist in the enhancement of high performance polymers, particularly Fluoropolymers. Colorant Chromatics was founded in Sweden in 1979 and started production of Fluoropolymer concentrates in the owner's barn. Since then, it has opened manufacturing plants in Aland, Finland (1981), in Bethel,

CT, USA (1983) and Shanghai, China (2003) and a distribution center in Limburg, Germany (1985). In 2013, the Headquarters were relocated to Eindhoven, The Netherlands. Since December 2011, Colorant Chromatics has been part of PolyOne Corporation, a premier provider of specialized polymer material, services and solutions.

## Commission Brokers Inc.

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 Contact: Martin Kenner, President



Domestic and international broker for used, rebuilt, reconditioned, and As-Is machinery for the nonferrous wire and cable, harness, wire assembly, braiding, and hose industries. Specific equipment includes braiders, bunchers, cablers, drawers, extruders, pay-offs, stranders, take-ups, and twisters. Additional services include plant layout, installation, relocation, appraisal and liquidation.

## Condat Corporation

250 South Industrial Drive  
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 Web site: [www.condatcorp.com](http://www.condatcorp.com)  
 Contact: Stéphane Ruelle, General Sales Manager - Metal Forming Lubricants



USA Division of Condat SA, worldwide supplier of specialty lubricants with a full range of products for wire drawing and cold heading.

## Conneaut Industries, Inc.

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 Contact: John Mancinelli,  
 National Sales Manager



Conneaut Industries, West Greenwich, Rhode Island, is a leading supplier of industrial and specialty yarns used in an extensive range of end-use wire and cable markets including automotive, aerospace, power, telecommunication and fiber optics. Conneaut also supplies various specialty fibers into the composite markets. Established in 1930, Conneaut is an industry leader in yarn converting with unique capabilities for precision braider packages, twisting, plying, cabling and winding. The company has a clear focus on customer satisfaction and producing zero-defect yarn products. Conneaut is committed to building long-term partnerships with its customers and suppliers.

## Davis-Standard, LLC

1 Extrusion Dr.  
 Pawcatuck, CT 06379, USA  
 Phone: +1 860 599 1010  
 Fax: +1 860 599 6258  
 Website: [www.davis-standard.com](http://www.davis-standard.com)  
 E-mail: [jzachow@davis-standard.com](mailto:jzachow@davis-standard.com)  
 Contact: John Zachow,  
 Vice President – Wire & Cable Systems



Manufacturer of complete wire and cable extrusion systems for the communication, power, construction/building, telephone, automobile, high temperature, plug optical fiber, and specialty wire market segments. All extrusion systems are available with Clipper take ups, payoffs, spoolers, customized feed screws, and patented micro-processor

based control systems incorporating closed loop control and line documentation.

**Die Quip Corp.**

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Bethel Park, PA 15102, USA

Delegate: Tom Maxwell



Die Quip is the leading manufacturer of die finishing equipment for tool and die shops around the world. Every machine has our trademark durability and accuracy features, which ensures long production life and easy access to spare parts. Our Die Saver line efficiently cuts time and guesswork out of die production. This group of machines have manual, semi-automatic and fully automatic cycles to cut, size and polish wire dies, bar dies, and tube dies. Each machine features a rigid base design with a powerful grinding spindle, angle setting gages and a zero stop to produce fast, accurate die geometry. The Die Flex line provides tremendous flexibility and accuracy to polish the angle and size the bearing with fully automatic or semi-automatic cycles. These machines have a search feature that finds the angle automatically before starting the cycle, which allows different die sizes to be run in the same group. Removable magazines allow dies to move from polishing cycles to sizing cycles without reloading. Full training packages, seminars, consultations and handbooks are available for easy operator training. We also provide specially formulated consumable supplies, die measuring systems and full lines of specialty cutters.

**Dyna-Mix Custom Rubber Mixing**

PO Box 369, Grafton, WV 26354 USA

Chad Robinson, VP of Sales & Marketing

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Main: 304-265-5310;

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Email: [crobenson@dyna-mix.com](mailto:crobenson@dyna-mix.com)

Web: [www.dyna-mix.com](http://www.dyna-mix.com)



Custom rubber mixing for the wire & cable and other industries. Your recipes or ours; we offer quick turn around and personal service. Color capabilities and proven compounds for various wire and cable applications.

**EMD Performance Materials**

1200 Intrepid Ave, Suite 3

Philadelphia, PA 19112 USA

Phone & Fax: 912-596-7787

Web: [www.emd-pm.com](http://www.emd-pm.com)

Matthew Gailey, Technical Manager: Laser Additives, Americas, [matthew.gailey@emdgroup.com](mailto:matthew.gailey@emdgroup.com)



With the help of laser radiation, products of the Iriotec® 8000 Series from EMD Performance Materials enable the marking of plastic and powder coated surfaces – fast, accurate, forgery-proof and razor-sharp. Serial numbers on electronic components, making wire and cables markable with laser light, or conductive paths on 3D MIDCs: Iriotec® 8000 products fulfill the highest requirements on high-tech laser applications.

**EY Technologies**

Division of Pascale Industries

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Elizabeth G. Pascale

Director, Corporate Advertising and Promotion



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Our products and technologies help make braided wire harnesses the preferred choice for Industries. A family owned Company established in Fall River, Massachusetts with Corporate Headquarters in Pine Bluff, Arkansas, USA. Our Core business strives to be the world's leading innovative and technical producer of quality custom-designed yarns essential to production in the braiding, knitting, weaving, mutli-axial laminating and other process industries. We produce linear composite materials based on man-made fiber substrates, usually treated with polymeric systems to enhance functional properties. Extrusion coated yarns with PVC, HP, TPE, PVDF etc. compound with proprietary additive. FIBERS- Para-Aramid KEVLAR®, Meta-Aramid Nomex®, Basalt, Carbon, Fiberglass, Nylon, PET Polyester, Polyethylene, Stainless etc. RESINS – Nylon, Polyester, PEI, Polyethylene, Polypropylene, PVC, PVDF etc. "Proudly Made in the USA with a Global Distribution Network to serve you" WE DON'T MAKE YARNS, WE MAKE THEM BETTER!™  
Engineered yarns. Smart solutions™.

### **Fabritex, Inc.**

1755 Zion CME Church RD  
Hartwell, GA 30643 USA  
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Fax: 706-376-1434  
Contacts: Lee Adams, President,  
Brook McClincy, Sales  
Web Site: [www.fabritex.com](http://www.fabritex.com)  
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Fabritex makes to order custom batch annealing stem packs and frames for every major North American O.E.M.'s high speed continuous down coiler line. Precision Made tubular wire and rod carriers, and other high temperature solutions. We are scheduled

to be ISO9001:2000 certified this year as we deal with the unique and demanding requirements of each new customer's application.

### **FACTS, Inc.**

2737 Front Street  
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Fax: 330-928-3018  
Contact: Scott Hall, General Manager  
[sales@facts-inc.com](mailto:sales@facts-inc.com)  
[www.facts-inc.com](http://www.facts-inc.com)



FACTS has extensive experience controlling a wide range of wire and cable lines. We supply:

- Fully Integrated Line Control
  - Heater Power Enclosure Assemblies
  - Drive Systems
  - Information and Reporting Systems
  - New Extrusion Lines & Equipment
- All systems are backed with 24/7 technical support.

### **Fenn Metal Forming Machinery**

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Phone: +1 860 259 6600  
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Website: [www.fenn-torin.com](http://www.fenn-torin.com)  
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Fenn has been a leader in providing quality metal forming machinery for over 100 years. Our experts take the time to design and build the right machine to fit your specifications and fulfill your production requirements. Product offerings include rolling mills, wire flattening and shaping lines, turks heads, Torin spring coilers, swagers, and draw-benches. Whether you've been in business as long as us, or you're just getting started, Fenn has the expertise to create precise

metal forming equipment for a wide variety of industries and applications. With specialization in both standard and specialty metals, ask one of our experts how Fenn's product and service offerings can help increase productivity for your business.

## **Fiber Optic Center, Inc. (FOC) / Technical Horsepower Consulting, LLC (THC)**

23 Centre Street  
 New Bedford, MA 02740, USA  
<http://focenter.com>,  
<http://technicalhorsepowerconsulting.com>  
 Direct: 508-717-8393 or 508-992-6464 with  
 ext. 8393

Kathleen Skelton, Director of Strategic  
 Marketing, [kskelton@focenter.com](mailto:kskelton@focenter.com)



Fiber Optic Center, Inc., (FOC), is an international leading distributor specializing in helping their customers make the best cable assemblies in the world. FOC partners with Technical Horsepower Consulting, LLC. (THC), an international leader in consultation and technical training in the areas of optical cable, optical sensors, and cable/connector interface.

## **Fine International Corp.**

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 106 Apple Street, Suite 116  
 Tinton Falls, New Jersey 07724 USA  
 Telephone: +1-732-933-0040  
 Fax: +1-732-933-4005  
 Contact: Bruce Ceres  
 Web site: [www.fineinternational.net](http://www.fineinternational.net)  
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Fine International Corp. is specialized machinery supplier to wire and cable manufacturers. The company produces extrusion lines from general purpose electronic wire production, power cable product manufacture and general purpose jacketing lines. Fine specializes in the supply of primary

extrusion lines based on proprietary physical foam technology capable of producing foamed insulation products used for CATV coaxial cable, LAN category cable, minicoax cable and RF microwave cable. All extrusion line components from wire handling (payoffs, takeups, dancers, accumulators and capstans), water cooling systems and ancillary components such as straighteners and preheaters are offered. Rotational equipment for tape wrapping and wire braiding and serving is also available. Fine customizes all of our machinery to fit our customer's requirements rather than offer standard items that must be adopted by the manufacturer. The company also provides some raw material sourcing opportunities including shielding tapes, separating tapes, semifinished cable and other related materials.

## **Fort Wayne Wire Die, Inc.**

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 E-mail: [sales@fwwd.com](mailto:sales@fwwd.com)  
 Website: [www.fwwd.com](http://www.fwwd.com)  
 Contact: Brad Scherer



Fort Wayne Wire Die's product line includes Single Crystal Natural Diamond Dies (SCND); Single Crystal Synthetic Diamond Dies (SCSD), Poly-Di® Polycrystalline Diamond Dies (PCD), Tungsten Carbide Dies; Dual-Draw™ Wire Dies; Multiwire Elongation Sets of Dies; Poly-Strand™ Stranding, Bunching and Compacting Dies; Extrusion Tips and Dies; Di-Pro™ Diamond Powder/Compound; Ultrahard Wear Parts; Shaving Dies; Calibrating and Enameling Dies; Shaped Wire Drawing Dies; and Tubing Dies and Mandrels. Also offered are Die Reconditioning, Inspection and Measurement Equipment; Die Recutting Services; Seminars; and Workshops.



## Frigeo USA, Inc.

### A MFL Group Company

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Our commitment at Frigeo USA, Inc. is to provide our North American Wire and Cable partners high quality products and technical solutions that are innovative and tailored specifically to the market. As a complete supplier, Frigeo USA, Inc. takes great pride in providing machines, training, product technology, and timely service and support to insure that your machine performs above expectation. Our products include Drawing Lines, Stranding and Closing Lines, and Insulation and Sheathing Lines. We offer total project management and equipment requirements; we integrate systems on a turnkey basis, set up preventive maintenance schedules and upgrade existing equipment and processes. Our experienced cable process engineers can supply operator training, technical service and spare parts.



**FRIGEO USA, Inc.**

## Gem Gravure

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Founded by Joseph Gemelli "the father of wire ID" in 1952, GEM Gravure's background in wire and cable manufacturing is what makes us the worldwide authority in wire

and cable marking today. Our company values and innovative pursuits allow us to maintain strong relationships with the largest suppliers and manufacturers throughout the world. The first company to introduce ink jet technology to the wire and cable industry, GEM is now the exclusive distributor for KBA-Metronic ink jet marking equipment in the US, Canada and the borders of Mexico. A line of GEM designed/manufactured contact printing systems combined with the ink jet printers to provide a full range of wire identification options. GEM offers the widest range of ink jet inks specifically designed for wire & cable along with specialty inks for wire harness applications. GEM's research & development center in Nixa, MO is dedicated to developing unique inks from creation of pigment dispersions to final ink formulation. Controlling the entire process allows GEM to create the highest quality products. Gem Gravure has been family owned and operated since 1952.

## HALL Industries

### The MGS Group

**(MGS - HALL - NORTHAMPTON)**

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E-mail: sales@themgsgroup.com

Website: www.themgsgroup.com

Contact: Jeff Swinchatt or John Dudus



HALL Industries has been a part of The MGS Group since 1994. Hall Industries was founded in 1975 by Marcus Hall and became well renowned in the wire and cable industry over the years for engineered solutions for a variety of industry challenges. In October 1994, MGS Manufacturing Inc. of Rome, NY completed the purchase of substantially all of the assets of HALL Industries Inc., located



in Branford, CT. The MGS Group maintains HALL Industries engineering excellence in our R&D/Service office in North Branford, CT. We continue to design and manufacture systems to handle most any product from sensitive optical fiber to 1000MCM power cable. We also can handle odd shapes; tubing, ribbon, tape, and armored products. Our Automatic and Semiautomatic Takeups are extremely reliable for on-line packaging of a wide range of products and reels at high speeds, resulting in significant cost savings. Our solid designs begin with robust steel frames, progress to include the most advanced recipe driven PLC controls, and are supported by qualified engineers and technicians who respond when a customer needs help. HALL products include Fully Automatic Packaging Systems with Robotic Depalletizer/Palletizer, Payoffs and Takeups (Moveable Arm, Roll Thru, Cantilever Shaft, Multiple Spindles, Cone Pintle, Dual Semiautomatic And Automatic), Dancers, Vertical and Horizontal Accumulators, Capstans (Caterpillar, Belt Wrap, And Dual Drum), Fiber Optic Handling Systems, Rewinders, and Length Counters. Many of our systems are versatile and can produce reels and/or coils, allowing the flexibility to respond to your customer needs with the same Takeup. Our success with Automatic Coiling Machines arrives from our flexibility allowing a range of products and coil sizes to be produced on the same machine. It also includes banding, shrink wrap, labeling, and palletizing. Our line of Fully Automatic Takeup systems, the FAT18 and most recently the FAT820 SFL Series has delivered the well-recognized MGS/Hall/Northampton reliability and flexibility to the application.

**Heritage Wire Die, Inc.**

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Contact: Jon M. Fuhrman

Manufacturer of a full line of natural single crystal, synthetic single crystal, and polycrystalline diamond wire drawing dies as well as recutting services. Also supplying tungsten carbide dies.

**Huestis Industrial**

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**HUESTIS INDUSTRIAL**

Manufacturer of air wipes, cable jacket strippers, payoff and take-up stands, coilers, accumulators, re-spooling/re-reeling systems, and buncher pay off stands. Huestis also distributes a full line of cold pressure welders and dies.

**I.C.E. WIRE LINE EQUIPMENT INC.**

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Fax: 514-388-5835  
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Website: [www.icewireline.com](http://www.icewireline.com)  
Key contact: Tapan Ghosh



ICE Wire Line Equipment Inc. provides design, engineering, manufacturing and commissioning for the steel wire processing industry. Our supply includes: Austenitizing Furnaces, Fluid Bed Quenching Furnaces, Fluid Bed Annealing Furnaces, Fumeless "Dual Acid Wave" cleaning systems, Galvanizing and GalFan furnaces along with a variety of effective wiping systems. ICE Fluid Bed furnaces worldwide are producing high quality ferrous wire every hour, and our pickling systems use the redesigned ICE "Dual Acid Wave" acid

tanks along with other unique new concepts for the overall production line process. Wire manufacturers have been using ICE technology for many years to produce high and low carbon wire at high speeds. Helping to build and improve the wire industry one line at a time - ICE Wire Line.

**INOEX LLC**

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General Manager – Sales



INOEX is a pioneer in the development and production of innovative measuring and control technology. For more than 30 years INOEX has been developing systems and technical solutions which are precisely adapted to the specific requirements of the pipe, tubing, profile, wire and cable, and film extrusion industries. We offer measurement technologies such as Laser, X-ray, Ultrasonic, Terahertz, and Gravimetric with outstanding results and have revolutionized the measurement and control technology of plastic extrusion sustainably. For our customers, this means material savings, product quality improvement, and overall a more productive and efficient operation.

**IWCS - Honorary WCISA Member  
IWCS, Inc.**

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The IWCS International Cable & Connectivity Symposium is the premier venue for new technologies in wire, cable and connectivity products, processes and applications. The IWCS Symposium Committee generates an extremely high caliber program for each year's conference, with over 100 papers and presentations in 20 compelling sessions over three full days. In addition, a variety of strong Professional Development Courses provide great learning opportunities from renowned industry experts. The Executive Track features speakers and topics of interest to general and commercial management, with a focus on supply chain issues. The Suppliers' Exhibition™ introduces the latest products and services from the important suppliers to our industry. The annual Plenary luncheon features a Keynote Speaker providing insight on a topical issue. The Plenary is also a time to honor the best paper and the best presentation from the previous year, as well as recognition to university students who have received various scholarships with the ambition to join our industry in the near future. In summary, the International Cable & Connectivity Symposium is an opportunity to explore discussions on topical issues, learn about new technologies and network with global industry colleagues.

**IWMA - Honorary WCISA Member  
International Wire and Machinery  
Association**

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WCISA has a cooperative Partnership Agreement with the IWMA - International Wire and Machinery Association, and the IWMA is a

Honorary Member of WCISA. The purpose of the Partnership is to unify and coordinate previously separated efforts related to international events that serve this industry sector including technical meetings, presentations and exhibitions. With over 300 members in nearly 60 countries, the IWMA is a corporate membership association for the wire, cable and wire product industries and offers a range of benefits, services and events to promote business opportunities within these sectors of the industry.

**Joe Snee Associates, Inc.**

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 **Joe Snee**  
Associates**BETA LaserMike**  
An NDC Technologies Brand

The company is the exclusive USA and Canadian Distributor for Pressure Welding Machines (PWM) and is also the New England Representative for BETA LaserMike division of NDC.

**Kalmark Integrated Systems Ltd.**

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 **KALMARK**  
INTEGRATED SYSTEMS LTD

Kalmark Integrated Systems is the industry leader in the manufacturing of rotating equipment for wire and cable production. Equipment can be used to produce electrical wire and cable, steel rope, conduit, flexible pipe and BRE-optics products. With over 35 years of experience, we have a broad understanding of what you need to accomplish your goals in production speed and capacity. Based on North American standards,

and our family values, we stand behind the safety and reliability of the equipment we produce. We also offer services such as production consulting, project management, plant relocation, foundation design, detailed manufacturing drawings, installation supervision and alignment by laser as well as after-sales service and spare parts. We offer flexible solutions to meet your cable making demands. This may include custom modifications, upgrading of individual components, factory reconditioned equipment as well as integrating new and existing sections. Kalmark maintains its commitment to Canadian Manufacturing through our latest expansion of a 44,000 square foot building in Simcoe, Ontario. We provide customized solutions to Canadian, USA and International wire and cable makers.

**KEIR Manufacturing, Inc.**

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Contact: David K. Watkins, President/CEO



KEIR Manufacturing, Inc is an American based manufacturer of high-purity 99.8% Alumina Ceramic Guides, the Frontiersman™ line of Air Wipes, and Composite Flyer Bows serving the global wire & cable industry. We are dedicated to making products that enable manufacturing processes to run more efficiently and productively through the application of leading edge materials. Our solutions are focused on continuous process improvement, energy savings, and longer operating life.

## Kinrei of America, L.L.C.

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Contact: Mitch Jacobsen,

Vice President of Sales



Kinrei of America's cabling, bunching, and twinning products represent the latest advances in cable production technology. We offer complete selections of machines for ultra thin wire, unilay and concentric, litz, automotive, medical, twinning and cabling in tubular, single or double twist. We are committed to providing our customers with the highest quality products and industry-leading value added services that are acknowledged as the best available in the wire and cable industry. It is the mission of our entire organization to provide the highest possible customer service for the complete line of Kinrei equipment. In addition to offering you state-of-the-art cabling technology, Kinrei of America is also your source for: Donnelly Reels; Watson Parts & Service; Kopilowitz Engineering for payoffs, takeups and accessories for the wire and cable industry; Candor Sweden AB plating equipment.

## Leibinger Inc., Paul

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USA subsidiary of Paul Leibinger GmbH & Co. KG in Germany, offering integrated

solutions for industrial marking technology and the printing industry, including industrial inkjet, verification and numbering systems. Paul Leibinger currently employs some 230 professionals in Tuttlingen, Germany and another 15 at its subsidiary in East Troy, WI USA.

## LLFLEX

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Website: [www.llflex.com](http://www.llflex.com)

LLFlex is a leader in the wire & cable supply industry, providing high quality armoring and shielding tapes from our Louisville, KY, USA facility. Our mono layer film formulations use the same uniform, high quality resins across 100% of the structure to give you consistent and reliable long term performance. Our high quality, domestic manufacturing, global reach and our longevity in the industry certainly distinguish us in the wire and cable marketplace, but the reason our customers depend on us for heavy and light gauge cable wrap is far more personal; we're cost-effective, stable, and totally aligned with operational requirements.



## Madem-Moorecraft Reels USA

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Tarboro, NC 27886 USA

Email: [steve@madem-moorecraft.com](mailto:steve@madem-moorecraft.com)

[www.madem-moorecraft.com](http://www.madem-moorecraft.com)

Contact: Steve Redhage,

Vice President/General Manager



Complete line of nailed wood reels with staves or fiber drums, plywood reels with fiber drums, laminated plywood reels with

staves or fiber drums, and hardboard reels and spools with wooden staves or fiber drums. Also, repair and recycling of nailed wooden reels.

**Magnetic Technologies Ltd.**

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Website: [www.magnetictech.com](http://www.magnetictech.com)

E-mail: [sales@magnetictech.com](mailto:sales@magnetictech.com)

Contact: John DeLuca, President

Manufacturer of stock and custom permanent magnet brakes for stranders, bunchers, twinners and payoffs in English and metric dimensions. Also manufacturing a complete line of custom built constant torque and constant tension payoff stands for a wide range of spool diameters and tension ranges.

**Mathiasen Machinery, Inc.**

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450 Town Street

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Contact: Mark Mathiasen, President

Domestic and international buyer and seller of used and reconditioned wire and cable machinery for both the ferrous and nonferrous markets. Additional services include inspection and appraisals, plant liquidations, auctions, warehousing, and consulting. Specific machinery and equipment includes wire drawing machines from rod to fine wire, coilers, tubular stranders, rigid and planetary stranders, rolling mills, extruders and extruding lines, bull blocks, fence and barbed wire fabricating, mesh welders, spring coilers, and straighten and cut machinery. Complete inventory list available upon request.

**Mexichem Specialty Compounds**

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[www.mexichemspecialtycompounds.com](http://www.mexichemspecialtycompounds.com)

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Mexichem Specialty Compounds (AlphaGary) designs and manufactures a variety of compounds for a wide range of wire and cable applications. Products include SMOKEGUARD® (LSFR for plenum applications), MEGOLON® (LSHF compounds), GARAFLEX® (TPE compounds), GARATHANE (TPU compounds) and our GW series (FR PVC for applications up to riser flame requirements). MSC operates from 3 sites in the US; 2 sites in the UK and a purpose-built facility in progress in Goa, India. Decades of experience servicing the global wire & cable industry benefit wire and cable manufacturers in meeting ever evolving testing standards (UL, European CPR) and regulatory reporting requirements (Prop 65, RoHS, and REACH).

**MGS Manufacturing, Inc.****The MGS Group****(MGS - HALL - Northampton)**

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Website: [www.themgsgroup.com](http://www.themgsgroup.com)

Contact: Jeff Swinchatt or John Dudus



MGS Manufacturing has provided a range of machinery to the Wire and Cable industry since 1969. The company's product range has included air wipes, brazing machines, double twist bunchers and tubular stranders to name a few. The company business approach of focusing on solutions engineering

led to formation of The MGS Group. Today, the group consists of MGS Manufacturing, Hall Industries and Northampton Machinery Co., an international supplier of automation and technology solutions for product handling and twisting systems...customized to optimize your application...comprehensive design and engineering capabilities...personalized service...ruggedly built for decades of reliable, consistent service.

Products include: Our NEW FAT820 SFL Series Fully Automatic Dual Takeup with the unique Robot Handling System for Depalletizing and Palletizing, Automatic Coiling System, Northampton Triple Twist Twinner, the latest design in Slip Ring Brushes and Holders, plus our standard product range which includes: Payoffs, Takeups and Rewinders ( Portal, Roll Thru, Cantilever, Shaft and Cone Pintle Design); Dancers, Accumulators, Capstans, Length Counters, Air Wipes, Swage Tools, Electric Brazers, Double Twist Bunchers, Twinners, and Single Twist Cablers.

## M. Holland Company

400 Skokie Blvd. #600  
 Northbrook, IL 60062 USA  
 Phone: 800-608-1577  
 tinfo@mholland.com,  
 tforders@mholland.com  
 Web Site: www.mholland.com



T&T Marketing is a wire and cable distributor that has been serving the industry for the past 25 years. T&T meets the diversified needs of the industry by being a single source supplier of everything from bare copper to shielding, filling, insulating, and jacketing products.

## Miltec UV

146 Log Canoe Circle  
 Stevensville, MD 21666, USA  
 Tel: 1-410-604-2900 Fax: 1-410-604-2906  
 Contacts: Charles Blandford, John Phillips  
 E-mail: sales@miltec.com



Web Site: www.miltec.com

Miltec UV, located in Stevensville, MD-USA has been servicing the UV industry for 28 years and sustaining its global leadership in manufacturing both arc and microwave ultraviolet curing systems. They offer standard UV equipment and custom designed systems to interface with existing or new manufacturing production lines.

Their most recent UV systems include the Xtrema family specifically designed for the optical fiber, wire, coloring, and FRP coating markets. These systems provide FASTER DRAW SPEEDS and seamless maintenance which results in significant energy and operational savings!

## Mossberg Associates, Inc

100 Tower Hill Rd  
 Cumberland, RI 02864, USA  
 Phone: +1 800-426-0063  
 E-mail: info@mossberg-reel.com  
 Website: www.mossberg-reel.com  
 Key Contact: Rene Mayer



Mossberg Associates is an independent supplier of metal process & shipping reels, large cable drums and reel handling equipment. Reel repair services are also provided. In addition to our reel services, we also represent companies providing ND, PCD and compacting dies and wire processing equipment.

## NDC Technologies (BETA LaserMike Products)

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 Dayton, OH, 45424, USA  
 Contact: Jay Luis,  
 Worldwide Marketing Manager  
 Phone: +1 937 233 9935  
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 BETA LaserMike line from NDC Technologies





is the most comprehensive range of on-line and off-line measurement and control solutions for the wire and cable industry. From smart, high-accuracy non-contact gauges with easy connectivity that measure diameter, wall thickness, eccentricity, length & speed, to lump & neckdown detectors, to preheating systems, to factory-wide automation and control systems, our systems deliver precision, performance, and bottom-line value day in and day out. Contact NDC today to discuss your toughest challenge!

**Niagara Composites International Inc.**

82 Vaughan Road  
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Serving the wire industry since 1980, Niagara Composites stands out as an industry leader and global supplier of leading-edge bow products. Niagara Composites is committed to innovation and continuous improvement, offering outstanding customer service and competitive prices on premium quality flyer bows to the global wire twisting and bunching industry. Many Niagara Composites' innovations in bow design have had a significant, positive impact on the production of wire and cable.

**Niehoff Endex North America**

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Manufacturer and supplier of nonferrous wire drawing and processing machinery including: single and two-wire rod breakdown lines as well as intermediate and fine single and multiwire drawing machines. Our product line also includes: aluminum & copper alloys continuous resistance annealers, inductive/resistive annealers for alloys, single and double spoolers, automatic pack coilers and bundle packers, double twist bunchers, ultra fine wire drawing machines, tin, silver & nickel electroplating machines, wire and cable packaging equipment including NPS NIEHOFF PACKAGING System. We also offer automatic Bobbin winders & high-speed vertical braiders for the wire industry as well as the medical applications. We are capable of supplying turnkey projects and customized equipment and lines including payoffs, take-ups, filtration systems, etc... Exclusive Distributor for SCHMIDT wire drawing equipment in North America.

**Northampton Machinery Co. (USA)****The MGS Group****(MGS - HALL - Northampton)**

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The MGS Group, which consists of MGS Manufacturing, Hall Industries and Northampton Machinery Co., is an international supplier of automation and technology solutions for



product handling and twisting systems... customized to optimize your application... comprehensive design and engineering capabilities... personalized service... ruggedly built for decades of reliable, consistent service. Northampton Machine joined The MGS Group in 2003 further reflecting the group's commitment for well-engineered and supported products for the wire and cable industry. Products include: Our Fully Automatic Dual Takeup with the unique Robot Handling System for Depalletizing and Palletizing, Automatic Coiling System, Northampton Triple Twist Twinner, the latest design in Slip Ring Brushes and Holders, plus our standard product range which includes: Payoffs, Takeups and Rewinders ( Portal, Roll Thru, Cantilever, Shaft and Cone Pintle Design); Dancers, Accumulators, Capstans, Length Counters, Air Wipes, Swage Tools, Electric Brazers, Double Twist Bunchers, Twinners, and Single Twist Cablers.

## Nylon Corporation of America (NYCOA)

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Monica Kumar, CFO, kumar@nycoa.net



Operating for over 60 years, NYCOA manufactures specialty nylon resin used as the ULrequired nylon jacketing for building wire and cable. NYCOA supplies nylon to some of the industry's largest wire producers and has developed many innovative products for its customers changing needs.

## Oden Technologies

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We are an "Industrial Internet of Things" company giving cable manufacturers powerful analytics that are easy to use. Our wireless hardware and software solution connects all the machinery and sensors in a factory so customers can analyze and optimize production. We've been developing the solution with a US-based cable manufacturer since middle of 2015, launching to the wider cable market in April 2016. We are backed by EQT Ventures and Tesla's CPO & Head of supply chain.

## OptEM Engineering

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Contact: Joan Beckett,

Product Marketing Manager



Incorporated in 1992, OptEM Engineering Inc. is a privately owned computer-aided engineering (CAE) software and consulting services company specializing in the electromagnetic and signal integrity analysis of copper cables. The OptEM Cable Designer software reduces prototyping iterations and costs by allowing engineers to simulate the cable's electrical performance prior to prototyping and lab measurements. Engineers can also perform what-if experiments to investigate cable anomalies and material effects in new and existing cable designs. Customers are located worldwide and support is conducted from OptEM's head office located in Calgary, Canada, together with local distributors.

**OVERVIEW, Wire & Cable International**

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Wire & Cable International OVERVIEW is the North American-based business and market newsletter covering the international wire and cable industry: manufacturing, distribution and use of all types of electrical, communication and mechanical wire and cable. The OVERVIEW newsletter is published 17 times per year by the publisher of the bimonthly technical magazine Wire & Cable Technology International. The OVERVIEW newsletter is available in print, PDF and Flipbook editions, and advertising opportunities are offered.

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P&R Specialty, a leading provider of spools and reels since 1982, offers a complete product line of plastic spools, fiberboard spools and plywood reels. P&R provides the highest level of customer service in the industry as well as designs and manufactures molds with our in-house tool shop. Our in-house tool shop, which adds tremendous value to our customers' experience, is a unique feature in the industry. Our tool shop team is dedicated to designing, building, and maintaining all the tooling used in the manufacturing processes at P&R Specialty, Inc. Preventative maintenance is performed

efficiently and repairs are made quickly, reducing downtime and allowing us to meet or exceed production expectations.

**Pittsfield Plastics Engineering, LLC**

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Pittsfield Plastics is a manufacturer of plastic spools and reels for bare wire, fine wire, insulated wire, tape, solder and textile products. PPE also produces custom molds for any type of custom spool or reel. We are your one stop for all your plastic spool and reel needs. Made in the USA.

Pittsfield Plastics Engineering, Inc.  
& Precision Spools, Inc.**Precision Die Technologies (PDT)**

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Precision Die Technologies (PDT) has been based in Fort Wayne Indiana since 1989 supplying the world die needs, it is the second or third largest die company in the North America. PDT specializes in new, reconditioned, leased, and re-cut services for Natural Diamond, Polycrystalline, and Monocrystalline Drawing Dies. PDT also provides Shaped, Split, Bunching and Stranding Dies. ISO 9001:2008 certified, the company's broad range of services include Inventory Management Programs that will reduce your die inventory cost and give you one week delivery on your dies needs. For more information about PDT Partner driven Processes, and all of its outstanding products

and services, please visit our web site at [www.pdtinc.com](http://www.pdtinc.com).

## **QED Wire Lines Inc.**

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The Process Line Specialists: QED Wire Lines Inc. is a custom furnace manufacturer and engineering company specializing in process equipment for the steel wire industry. Our leading-edge furnaces are custom built for multi-strand annealing, stress relieving, patenting and tempering processes. With over 30 years of industry experience and innovation, we proudly serve customers in over 20 countries. Our patented equipment is backed by QED's renowned excellence in service; with commissioning and installation supervision as well as spare parts support, QED provides a complete package for processing wire. Our offerings include:

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mersion burners.

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QED offers solutions for all steps in your process including: Heat Treatment, Wet Sections, Metal Coating, Wiping Systems, Spare Parts and Technical Services.

## **RAD-CON, Inc.**

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Since 1966, RAD-CON, Inc. has been developing, designing, manufacturing, and supporting bell-type annealing furnace facilities for the metals industry. From its corporate headquarters in Cleveland, Ohio USA, RAD-CON supplies the world with the most technologically advanced bell-type furnace systems available on the market. RAD-CON pioneers many new technologies to enhance the consistency and efficiency of bell-type annealing, including innovations related to convection design, scheduling systems, and atmosphere control. RAD-CON continues to be a leading supplier to the wire annealing industry, especially in the field of cold-heading quality (CHQ) wire used in the manufacture of fasteners. RAD-CON's

experience also encompasses ferrous and non-ferrous applications in the agricultural, electrical, construction, spring, industrial, and communications industries. RAD-CON's technologists help new and experienced metal processors worldwide, beginning at project concept through technical supervision and implementation and throughout the subsequent years of ownership. RAD-CON's team of mechanical engineers, electrical engineers, software developers, and metallurgists help clients every step of the way. With designs derived in direct response to customers' needs, RAD-CON has earned a well-deserved reputation for excellence worldwide.

## Rainbow Rubber and Plastics, Inc.

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Rainbow Rubber and Plastics, Inc. is a material supplier to the wire and cable industry. We provide belting and other component parts for the extrusion process.

## REELEX Packaging Solutions, Inc.

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REELEX Packaging Solutions, Inc., formerly Windings, Inc. is the developer and licensor of The REELEX® System, and has been leading the way since 1957. REELEX is a patented method of winding cable or any cord-like

product in such a way as to result in a reel-less, self-supporting coil. This unique coil dispenses from the inside out without twists, tangles, snags or overruns. The packages are easy to handle, stack and palletize, are far lighter than reels and spools and are 100% environmentally friendly. Sold under various brand names by the world's leading wire and cable manufacturers, REELEX has become the standard packaging system for "last-mile" lengths of LAN and Coaxial cable and is growing to be the preferred package for many other types of products like rope, building wire, plastic tubing, and more. REELEX Packaging Solutions, Inc. authorizes its customers to use its patented REELEX technology through a license agreement. The agreement provides royalties to be paid to REELEX Packaging Solutions, Inc. in exchange for the use of the patented technology. The agreement also guarantees that REELEX Packaging Solutions, Inc. will sell its REELEX coiling equipment to licensees at its own cost. This allows each licensee to be confident that it is engaging on a level playing field and that REELEX Packaging Solutions, Inc. is treating all its licensees equally and fully supporting them all. For more information on REELEX and our representatives in other countries please look to www.REELEX.com.

## Reel Options by Vandor Corp.



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Sales & Customer Service Manager

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Reel Options by Vandor Corporation, established in 1972, is a leading manufacturer of plastic reels and spools. Engineered for superior product protection, reels can be shipped fully assembled or as KD components for local assembly and freight savings. Product line ranges from utility spools

to larger plastic flanged reels and three-flanged reels.

**Refractron Technologies Corp.**

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Refractron manufactures durable zirconia ceramic, capstans, pulleys, guides and eyelets for wire and cable manufacturing. Izory® HD, our flagship product, is specified on drawing mills made by all major OEMs. Our team understands the key role Izory® HD plays in wire manufacturing and thru our on-site assessments can offer solutions to lower costs, improve wire quality and ensure just in time availability. All products are made in Newark, New York USA. The facility, which includes a precision machine shop and materials testing laboratory, is ISO 9001 and ITAR certified.

**RichardsApex, Inc.**

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**RICHARDSAPEX**

RichardsApex is a leading global manufacturer of lubricants for wire drawing and hot rolling applications. Our products include semi-synthetic and synthetic compounds for wet drawing of non-ferrous and ferrous wire. Also available are protective coatings, cleaners, corrosion inhibitors, and oil form lubricants for all non-ferrous and ferrous alloys in both wire and tube applications.

**Roblon US Inc.**

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**Roblon**

Roblon is a total solution provider to the OFC industry, producing cable-making machinery and precision winding equipment along with industrial yarns such as FRP, glass, polyester and aramid yarns for production of optical fiber cables.

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A freight forwarder that provides round-trip transportation (ocean and/or air), logistics, on-site handling and customs clearance service for North America wire and cable related industry exhibitors who send exhibition material to be exhibited at international trade shows, regardless of destination.

**Roteq Machinery Inc.**

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Roteq is dedicated to the design and manufacture of rotating equipment solutions serving wire and cable, steel rope, copper telcom, fiber optic and flexible pipe industries worldwide from our facilities (Manufacturing, Engineering and Administration) in Concord ON Canada.

### **Royle Systems Group**

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**Royle Systems Group**

Royle Systems Group designs, manufactures, and integrates systems for the wire, cable and fiberoptic industries. RSG was founded in Paterson, NJ in 1855 as an engineering and manufacturing concern, and is still private and closely held by the management group. Located less than one hour by car from all three New York area international airports, RSG's headquarters are in Oakland, NJ, USA, where the products are fabricated in state-of-the-art manufacturing facilities. RSG continues to be an OEM world-leader in the integration of systems and the supply of quality equipment for a wide range of extrusion, wire & cable, and fiber optic applications. RSG offers its clients technical services to facilitate installation and maintenance of its systems, as well as classroom and hands-on training programs.

### **SAMP USA, Inc.**



**SAMP** SYSTEMI

10522 Governor Lane Blvd.

Williamsport, MD 21795 USA

SAMP USA, Inc., a division of SAMP SYSTEMI produces a full range of single and multi-wire drawing machinery and extrusion line systems with accompanying processing equipment such as extruders, bunchers, payoffs, take-ups, spoolers and coilers. In the U.S., SAMP USA, Inc. also represents Rizzardi for tungsten carbide & ceramic drawing capstans and cones.

### **Sark-USA, Inc.**

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Albany, NY 12206

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Our capabilities include the production of single ends, as fine as 44 AWG, put up singularly, or as multiwire. Our stranding capabilities include all concentric types, including bunched wire, unilay, and ropelay conductors, as large as 750 MCM. All of our products are available in unplated, tin plated and nickel plated qualities.

### **SDI LaFarga, LLC**



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SDI LaFarga is a copper rod producer, and also produces bare copper wire from 6 to 16 AWG. SDI La Farga LLC is a joint venture between Steel Dynamics Inc., based in Fort



Wayne, IN, USA, and The La  
Farga Group, based in Barcelona, Spain.

**SGS Govmark**

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SGS Govmark was founded in 1971. We occupy 17,000 ft<sup>2</sup> in Farmingdale, NY, USA. Govmark Testing Services specializes in fire testing to determine product conformity to code requirements. Approximately 4,000 ft<sup>2</sup> is devoted to wire and cable fire testing, both U.S. and international standards. Amongst other tests, we perform IEEE-383, IEEE-1202, and most of the UL tests. We pride ourselves on our quality performance and prompt service

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SIKORA is a leading manufacturer and supplier of innovative inline measuring, control, inspection, analyzing and sorting technologies for the wire and cable, optical fiber, hose and tube, sheets, metals and plastics industries. Among others, modern Laser and X-ray technologies measure precisely product parameters such as diameter, ovality, wall thickness and concentricity. Worldwide, users of SIKORA technology benefit from an increasing quality, process optimization and efficiency of the manufacturing process.

**SIMPACKS**

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**SIMPACKS**

NEW Re-Designed Dual Head Automatic Coiler can Coil 18 AWG up to 8 AWG Building Wire Solid or Strand. Also can Coil Flat Wire/ Cable. This Coiler is capable of producing 4 ~ 6 coils per minute of 100M Length. Change time less than 2 sec. Our NEW Automatic COILER + STRAP + COIL HOLDER are available for all your Steel Wire Packaging 22 ~ 34 Kg Coil. Including 2 / 4 Straps option. Also NEW Re-Designed Automatic COILER + STRAP is available for all your Hose / Armor Cable Packaging solutions. Including 2 / 4 Straps on Coil. NEW Automatic COILER + FILM is available for all your short Length 15M / 25M / 50M / 75M / 100M

**Sjogren Industries, Inc.**

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Sjogren Industries, Inc. has been providing high quality machinery, tooling and accessories to the wire and cable and tubing industry for 90 years. Our product line includes wire straighteners, wedge grips, wire guides, and magnetic brakes and clutches to be



used in a variety of ferrous and nonferrous applications.

**Sonoco Plastics**

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Contact: Jay Swetenburg - Sales Manager –  
Plastic Spools/Reels  
E-mail: [jay.swetenburg@sonoco.com](mailto:jay.swetenburg@sonoco.com)  
(North America)  
E-mail: [joerg.meschut@sonoco.com](mailto:joerg.meschut@sonoco.com)  
(Europe/Asia)



Sonoco offers you a full range of plastic reels and spools including Reel Tough™ ribbed-flange reels, fine wire, utility and plywood replacement spools, plus fiber optic and other specialty spools such as space-saving Twist-Lok™ spools that assemble and disassemble without tools! One of the world's largest manufacturers of plastic spools and reels, Sonoco offers sizes ranging from small precision spools for wire as fine as 56 AWG to reels capable of carrying over 1,000 lbs. (454 kg). Ask about our plastic reel and spool recycling program. See also: Sonoco Reels.

**Sonoco Reels**

1901 John D Long Drive  
Hartselle, AL 35640-0668  
Toll-Free: +1 800 633 3962  
Phone: +1 256 773 6581  
Fax: +1 256 751 5101  
Website: [www.sonoco.com/reels](http://www.sonoco.com/reels)  
E-mail: [wcr.sales@sonoco.com](mailto:wcr.sales@sonoco.com)  
3040 Highway 31 SW  
Hartselle, AL 35640, USA  
Contact: Leslie Lawrence –  
Customer Service Manager



One of the world's largest manufacturers and suppliers of high-quality reels and spools. Lines include nailed wood reels, plywood-

flanged reels with wooden staves or fiber tube drums, corrugated and tubular steel reels, as well as polyfiber composite reels. With flange diameters from 10 inches to 240 inches, Sonoco Reels serves a wide variety of industries, from power transmission, control and distribution, to telecommunications, commercial and industrial construction, infrastructure, oil, gas and marine. Sonoco's EcoReel® program recycles and refurbishes nailed wood and polyfiber reels. See also: Sonoco Plastics.

**Southwire Company, SCR Technologies**

One Southwire Drive  
Carrollton, GA 30119 USA  
Phone: 770-832-5562  
Fax: 770-838-6600  
E-mail: [jimmy\\_cooper@southwire.com](mailto:jimmy_cooper@southwire.com)  
Website: [www.southwire.com](http://www.southwire.com)  
Contact: James D. Cooper, P.E., Vice President, SCR Technologies



Southwire Company is the expert on continuous-cast rod systems. Today half the world's copper rod is made using the patented Southwire Continuous Rod (SCR) method. Nearly 80 SCR systems have been sold around the world. Southwire's SCR Technologies provides proven experience in continuous-casting rod technology. With SCR's Technology Pool, users get access to continuous technology improvements.

**Stolberger Inc.****DBA Wardwell Braiding Co.**

Tel: +1 401 724 8800  
Fax: +1 401 723 2690  
Website: [www.wardwell.com](http://www.wardwell.com)  
Email: [sales@wardwell.com](mailto:sales@wardwell.com)  
1211 High Street,  
Central Falls, RI 02863, USA  
Contact: John Tomaz, Vice President,  
Cynthia Chen, Sales and Marketing Manager



A leading manufacturer of braiding ma-

chines, Wardwell also offers spiraling, re-winding, payoff and wind-up equipment worldwide. Braiders are available in 16 and 24 Carrier sizes in high-speed rotary style, 3-144 carriers in maypole style and 16-72 carriers for electrical harnesses applications, integrated and remote payoffs and take-ups for reels ranging from 355 mm to 2000 mm. Re-winders are offered in semi-automatic, fully automatic and wire-splitting styles with 2, 3 or 4 spindles with static and dynamic payoffs to match.

Our service program includes training, assistance with commissioning and start-up, and annual service contracts to evaluate equipment condition, current PM procedures and trouble-shooting.

## Taymer International Inc.

208 Telson Road  
Markham, Ontario  
L3R 1E6, Canada  
Tel: 905-479-2614  
Fax: 905-479-2636  
Email: info@taymer.com or  
taymer@sympatico.ca  
Contact: Craig Girdwood



Taymer's products are focused on providing hot foil printing, hot stamp wire printing machines, cable length measurement, camera inspection solutions and uncoilers for industrial applications in wire, cable, pipe and tube. Taymer has been manufacturing cable marking machines, especially cable hot foil printers and hot stamp wire markers for harness identification, for over 35 years. All of Taymer's wire harness hot stamping machines and cable hot foil printers are continuous process cable marking machines, increasing the productivity and reducing costs of your operation.

## Technical Development Corporation (TDC)

11845 Vanstory Dr #100

Huntersville, NC 28078 USA  
Phone: +1-704-875-1198

Website:

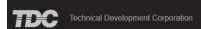
<http://technicaldevelopment.com>

Contacts: Paul Godwin,

paul.godwin@technicaldevelopment.com

Dena Earhart,

dena.earhart@technicaldevelopment.com



Technical Development Corporation (TDC) is an engineering and manufacturing firm founded in 1978. Products include optical fiber, wire and cable machinery. TDC's manufacturing machinery and equipment has been sold to plants across the globe in North and South America, Europe, Asia and Australia.

## Teknor Apex Co.



**TEKNOR APEX**

505 Central Avenue

Pawtucket, RI 02861 USA

Phone: +1 401 725 8000

Fax: +1 401 729 0166

Website: [www.teknorapex.com](http://www.teknorapex.com)

E-mail: [dbraun@teknorapex.com](mailto:dbraun@teknorapex.com)

Contact: David Braun, Industry Manager,  
Wire & Cable Compounds

Manufacturer of Apex PVC compounds, Fire-Guard flame retardant plenum compounds, Elexar & Telcar thermoplastic elastomers, Flexalloy PVC elastomers and Halguard HFFR (Halogen Free Flame Retardant) compounds for all types of electrical, electronic, and fiber optic wire and cable.

## Tensor Machinery

1570 - 52nd Avenue,  
Lachine (Montreal), QUE  
Canada, H8T 2X9

Tel.: (514) 636-3121

Fax: (514) 636-3288

Email: [HeadOffice@tensormachinery.com](mailto:HeadOffice@tensormachinery.com)

Contacts:

Robert Kepes, President, CEO,

[robert.kepes@tensormachinery.com](mailto:robert.kepes@tensormachinery.com)



Raymond Coe, Vice President, Operations,  
raymond.coe@tensormachinery.com  
Ken Luterbach, Eng. Director of Sales,  
sales@tensormachinery.com,  
Tel.: (828) 322-8224

An advanced approach to design has made Tensor Machinery Ltd. a global leader and innovator in the wire, cable and fiber optic machinery industry, with customers in over 40 countries on five continents. We like to think of it as engineering designed to impress engineers. Driven by the principles of our founder, the late George Kepes, our 30 years of industry-leading innovation—combined with a customer-focused approach to manufacturing design and assembly—ensures we deliver the best, most reliable technical solutions for your specific needs. Our superior quality control and responsive service means faster commissioning and a worry-free customer experience. That worry-free experience starts with a thorough understanding of your specific needs. Tensor Machinery then uses advanced design tools and the latest mechanical, electrical and electronic technology to ensure our equipment is engineered both to deliver to your specifications and to withstand the daily demands of high-volume production. Tensor is renowned for dependable equipment designs, and our unique in-house pre-testing process ensures your newly installed equipment is production ready within days. When it comes to fiber optic or specialized copper wire manufacturing needs, Tensor offers a wide range of equipment and customized solutions: from individual components to complete turn-key manufacturing lines. Our products include UV Coloring lines, Ribbon Fiber manufacturing, SZ and Planetary Stranding, Pay-offs and Take-ups, Tape Armoring, Yarn Serving and complete Jacketing lines for indoor and outdoor cable products. We invite you to learn more about how Tensor can exceed your expectations. For more

information, contact Ken Luterbach, Director of Sales at sales@tensormachinery.com.

**Thermcraft, Inc.**

3950 Overdale Road

Winston Salem, NC 27107 USA

Tel: 336-784-4800

Fax: 336-784-0634

Contact: Derrick Wilson, Marketing Manager

E-mail: dwilson@thermcraftinc.com

www.thermcraftinc.com



Thermcraft, Inc. is international leading manufacturer of high quality thermal processing equipment. We manufacture low and high temperature laboratory and production furnaces, vacuum formed ceramic fiber heaters, cast heaters, heater coils, air heaters, ovens, kilns and diffusion heaters, all custom designed to meet thermal requirements. In 2008, Thermcraft introduced the Liquid Quench Fluidized Bed (LQF) technology, which is a liquid based quench technology that can completely replace the existing hazardous and expensive technologies of molten Lead, molten Salts and sand based fluidized beds. Thermcraft's 2nd generation unit was released in October 2011 and is now in operation as a replacement for a molten lead bath, quenching high carbon steel wire in the 1.00 - 2.00mm diameter range.

**Varibelt Incorporated**

13216 SW 45th Lane

Miami FL 33175 USA

Phone &amp; Fax: (909) 234 0083,

+905332446797

Web Site: www.mekosan.com.tr

Emails: varibelt@gmail.com,

ozdemirnazlican@gmail.com

Contact: Nazli Ozdemir Serin,

Managing Partner



Varibelt Inc is the USA and Canada subsidiary of Mekosan Machinery, which is engaged in designing and construction of wire drawing machinery and tube packag-

ing machinery and engineering of automation systems. Varibelt Inc. controls the sales and activities of Mekosan in North America. Mekosan which was founded in 1997 by engineers highly experienced in steel wire and cable sectors, offers advanced and tailor made solutions not only for steel wire drawing machinery, but also for copper wire drawing machinery and galvanizing lines. With more than 130 employees, 30 engineers and customers located in more than 19 countries around the world, MEKOSAN provides its customers with complete custom-designed drawing machines that allow them to produce top-quality wires with robust machinery. Mekosan also provides timely service and support for its machines in North America through its subsidiary Varibelt Inc.

## W. Gillies Technologies, LLC

250 Barber Ave.

Worcester, MA 01606, USA

Tel: 508-852-2502

Mark Spencer, mspencer@wgillies.com



W. Gillies Technologies, LLC is a USA-based company in that is in partnership with the RSD Group, offering worldwide support in customized contact printing and non-contact marking solutions for the wire and cable, hose and tubing industries. In addition, W. Gillies Technologies, LLC specializes in the manufacture of engraved printing rollers designed for use in a variety of industries.

## WAI – Honorary WCISA Member

**The Wire Association  
International, Inc. (WAI)**

71 Bradley Road, Suite 9

Madison, CT 06433-2662 USA

Website: [www.wirenet.org](http://www.wirenet.org)

Phone: 203-453-2777



The WAI, founded in 1930, is a worldwide technical society for wire and cable industry

professionals. WAI collects and shares technical, manufacturing, and general business information to the ferrous, nonferrous, electrical, fiber optic, and fastener segments of the wire and cable industry. WAI hosts trade expositions, technical conferences, and educational programs, and it publishes the Wire Journal International (WJI), HardWIRED, the annual WJI Reference Guide, and technical products available through the WAI Store.

## Wasik Associates, Inc.

29 Diana Lane

Dracut, MA 01826

Tel: 978-454-9787

Fax: 978-454-0499

Contact: Peter Wasik

Email: [peter@wasik.com](mailto:peter@wasik.com)

Website: [www.wasik.com](http://www.wasik.com)

We are a manufacturer of Electron Beam Crosslinking Equipment for the wire and cable industry. We also provide service as well as training. Our expertise includes self-shielding vaults, concrete vault designs for systems from 350 KV to 1 MeV



## Western Engineered Products

540 N. Lapeer Rd., #390,

Lake Orion, MI 48362 USA

Phone: 248-800-4545

Fax: 248-800-4547

Web site: [www.westernep.com](http://www.westernep.com)

Email: [sales@westernep.com](mailto:sales@westernep.com)

Contact: Donald Stephanic, President



Western Engineered Products manufactures annealing contact bands, ring, and hubs for single wire and multi-wire resistance annealers. Most sizes of OEM replacements are in stock for immediate shipping. Custom sizes are also available.

**WCMA – Honorary WCISA Member  
Wire & Cable Manufacturers Alliance,  
Inc. (WCMA, Inc.)**

P.O. Box 290077

Wethersfield, CT 06129 USA

Tel: 860-331-7074

Email: [info@wcmainc.org](mailto:info@wcmainc.org)Website: [www.wcmainc.org](http://www.wcmainc.org)

Contact: Ed Fenton, Executive Director



Wire & Cable Manufacturers' Alliance (WCMA) is a non-profit business association serving the manufacturers of low to high-voltage electrical, electronic and fiber optic wire and cable with an established manufacturing base located in North America. Membership includes producers of signal and current-carrying wire and fiber, producers of bulk cables and wire and cable processors and fabricators. Corporate membership of the above also includes industry suppliers, service providers, affiliated companies and organizations that support the cable manufacturing and processing industry. WCMA produces premier events that bring owners, executives and key managers together for networking, the exchange of information and to promote the wire and cable industry. The Wire & Cable Manufacturers Alliance was established in June 2004, as the successor organization to the Wire & Cable Clubs of America.

**Wire & Cable Technology International**

1741 Akron Peninsula Rd.

Akron, OH 44313 USA

Phone: +1 330 864 2122

Fax: +1 330 864 5298

Website: [www.wiretech.com](http://www.wiretech.com)E-mail: [info@wiretech.com](mailto:info@wiretech.com)

Key Contact: Chip Lippincott,

President &amp; Publisher



Wire & Cable Technology International is a bimonthly international technical magazine for manufacturers, distributors and users of

all types of electrical, communication and mechanical wire and cable including fiber optic cable. Additional publications include the Wire & Cable Technology Buyer's Guide (annual publication) and the Wire & Cable International OVERVIEW business and market newsletter which is published 17 times per year. Magazine subscriptions are free to wire and cable industry professionals, and the newsletter and buyer's guide are available for purchase. All publications offer many advertising and editorial opportunities.

**Wire Forming Technology International**

1741 Akron Peninsula Rd.

Akron, OH 44313 USA

Phone: +1 330 864 2122

Fax: +1 330 864 5298

Website: [www.wireformingtech.com](http://www.wireformingtech.com)E-mail: [info@wireformingtech.com](mailto:info@wireformingtech.com)

Key Contact: Chip Lippincott,

President &amp; Publisher

Wire Forming Technology International is a quarterly international technical magazine for manufacturers, distributors and users of all types of springs, wire formed products, rebar products and wire mesh. We cover the machines, material and accessories use to make a wide variety of wire products including springs, wire forms, welded wire products, rebar forms, fencing, wire mesh, etc. Magazine subscriptions are free to wire forming industry professionals. Advertising and editorial opportunities are available.

**Wire & Plastic Machinery Corp.**

100 Franklin Street

Bristol, CT 06010, USA

Phone: +1 860 583 4646

Fax: +1 860 589 5707

Website: [www.wireandplastic.com](http://www.wireandplastic.com)E-mail: [sales@wireandplastic.com](mailto:sales@wireandplastic.com)

Contact: Rahul Sachdev,

Executive Vice President



International supplier of complete used and reconditioned wire and cable machinery for the nonferrous market. Specializing in complete rebuilt extrusion lines with dual reel take ups; rod breakdown, intermediate, and fine wire drawing lines; single twist & double twist cablers; planetary, rigid & tubular stranders, drum twisters, armorers & laying up lines; taping & rewind lines; Wardwell, Spirka, NEB/TMW braiders; extruders (plastic & rubber), payoffs, take-ups, capstans/caterpullers, coilers, welders, etc. Plastic mixers, granulators, pelletizers, dryers, 2 roll mills, vacuum sizers, etc.

**Wire Lab Co.**

Phone: +1 216 362 0800

Fax: +1 216 433 0007

Website: [www.wirelab.com](http://www.wirelab.com)E-mail: [E-mail@wirelab.com](mailto:E-mail@wirelab.com)15300 Industrial Parkway  
Cleveland, OH 44135, USA

Contact: Rob Fulop, President

Manufacturer of mechanical descaling equipment for the ferrous wire industry. Reverse Bend Descaling Systems, Automatic Wire Brush Descalers and recently added - Cym Materiales Shotblasting Machinery. Also wire drawing aids including Lubricant Applicators and Pressure Die Systems for ferrous and nonferrous applications, die box accessories such as water cooling, and other custom accessories.

**Witels Albert USA Ltd.**

208 East Pier Street Unit B

Oxford, MD 21654

Phone: +1 410 228 8383

Fax: +1 410 228 1813

E-mail: [info@witels-albert-usa.com](mailto:info@witels-albert-usa.com)Website: [www.witels-albert-usa.com](http://www.witels-albert-usa.com)

Contact: Robert T. Flower



USA sales office and warehouse for Witels Apparate-Maschinen Albert in Germany.

Supplier of straightening and guiding tools and machinery. Also manufacture computerized wire straightener adjustment systems, straightener payoffs, drive systems, pre and post formers and cable strippers for the wire and cable industry.

**Zumbach Electronics Corp.**

Phone: +1 914 241 7080

Fax: +1 914 241 7096

Website: [www.zumbach.com](http://www.zumbach.com)E-mail: [sales@zumbach.com](mailto:sales@zumbach.com)

140 Kisco Avenue

Mount Kisco, NY 10459-1407

Contact: Keith F. Donahue,

Vice President Sales



Zumbach offers a full line of on-line measuring, monitoring, and control instruments and systems including non contact diameter monitors/control systems, on-line capacitance monitors, control systems for cellular extrusion, eccentricity and wall thickness monitors (ultrasonic or eddy current), OD/ID/Wall systems for cable jacketing or tubes, hollow profiles, X-ray wall thickness and eccentricity monitors for CV line applications, lump/neckdown detectors, wire preheaters, annealer control systems, spark testers, recorders, printers, and SPC/SQC data acquisition systems.





## **WCISA<sup>®</sup> Member Benefits**



**WCISA<sup>®</sup>**  
*Wire and Cable Industry  
Suppliers Association<sup>®</sup>*

1. **COMPANY AND PRODUCT PROMOTION:** WCISA Member Directory and Product Guide: published annually and distributed worldwide at trade shows and conferences in North America, Europe and Asia. WCISA web site, [www.wcisaonline.org](http://www.wcisaonline.org), containing member company and product information and hotlinks to member's e-mails and web sites. WCISA press releases published in wire and cable media outlets.
2. **REPRESENTATION AT TRADE SHOWS AND CONFERENCES:** WCISA exhibit booths. Literature distribution at shows. Pavilion sponsorships. Show services. Hospitality Events.
3. **NETWORKING AND SOCIAL OUTING OPPORTUNITIES:** At exhibitions and conferences.
4. **SCHOLARSHIPS FOR WCISA MEMBER COMPANIES:** Employees, Interns, High School Graduates, Special Circumstances.
5. **PARTNERSHIPS & DIALOGS WITH INDUSTRY ASSOCIATIONS AND EVENT ORGANIZERS:** IWCS, IWMA, MESSE DÜSSELDORF (GERMANY & NORTH AMERICA), WAI.
6. **A UNIFIED VOICE & SUPPORT OF NORTH AMERICAN SUPPLIERS**

**SUPPORT THE INDUSTRY, YOUR COMPANY AND  
YOUR FELLOW NORTH AMERICAN SUPPLIERS  
IN THE WORLDWIDE MARKETPLACE**

**[www.wcisaonline.org](http://www.wcisaonline.org) • [info@wcisaonline.org](mailto:info@wcisaonline.org)**

**WCISA<sup>®</sup> member companies are North American-based suppliers of machinery, materials and accessories for making all types of wire and cable. Annual Dues: \$300/company**  
**Established in 1996, WCISA is a nonprofit trade association.**

## **BECOMING A WCISA MEMBER:**

WCISA is a nonprofit corporate membership organization open to North American suppliers of machinery, materials and accessories used for making all types of wire and cable. Members are based or have an established subsidiary in North America. WCISA's mission is to promote its member's products and services by providing its members with representation, networking/social opportunities and services at wire and cable trade events and conferences. WCISA also offers a variety of scholarships. WCISA is active, both as an exhibitor and supporter, in wire and cable trade events and conferences throughout the world

**To apply for membership, send the following  
information to WCISA at [info@wcisaonline.org](mailto:info@wcisaonline.org):**

**Company Name, Contact Name & Title  
Company Address, Phone & Fax  
Web Site & E-Mail  
Description of Products and Services  
(around 50 words )**

Annual dues are US\$300 per company.  
The WCISA Board of Directors reviews all membership applications.



## **Machinery and Equipment:**

### **ANNEALERS AND HEAT TREATING EQUIPMENT**

AITMAC, Inc.  
CEECO Bartell Products  
Commission Brokers Inc.  
Frigeco USA, Inc.  
I.C.E. Wire Line Equipment  
Mathiasen Machinery, Inc.  
Niehoff Endex North America  
QED Wire Lines, Inc.  
RAD-CON  
SAMP USA, Inc.  
Thermcraft, Inc.  
Varibelt Incorporated  
Wire & Plastic Machinery Corp.

### **BRAIDING MACHINES**

Commission Brokers Inc.  
Fine International  
Mathiasen Machinery, Inc.  
Niehoff Endex North America  
Stolberger Inc.  
DBA Wardwell Braiding Co.  
Wire & Plastic Machinery Corp.

### **CAPSTANS, DANCERS, ACCUMULATORS, PREHEATERS**

AW Machinery LLC  
Amaral Automation Associates  
American Kuhne  
Bartell Machinery Systems, LLC  
Beta LaserMike  
Calmec Precision Limited  
CEECO Bartell Products  
Commission Brokers Inc.  
Davis-Standard, LLC

Fenn Metal Forming Machinery  
Fine International  
Frigeco USA, Inc.  
Hall Industries/MGS Manufacturing  
Huestis Industrial  
Joe Snee Associates, Inc.  
Kalmark Integrated Systems Ltd.  
MGS Manufacturing/Hall Industries  
Niehoff Endex North America  
Roteq Machinery Inc.  
Royle Systems Group  
SAMP USA, Inc.  
Tensor Machinery  
Thermoplastic Engineering Corp.  
Wire & Plastic Machinery Corp.  
Zumbach Electronics Corp.

### **COMPOUNDING MAKING EQUIPMENT**

Amaral Automation Associates  
Davis-Standard, LLC  
Wire & Plastic Machinery Corp.

### **DESCALING MACHINES**

Mathiasen Machinery, Inc.  
Wire Lab Co.

### **ELECTRON BEAM CROSSLINKING EQUIPMENT**

Wasik Associates, Inc.

### **EXTRUSION EQUIPMENT AND LINES**

Amaral Automation Associates  
American Kuhne  
AW Machinery LLC  
CEECO Bartell Products

Commission Brokers Inc.  
Davis-Standard, LLC  
FACTS, Inc.  
Fine International  
Frigeco USA, Inc.  
Joe Snee Associates, Inc.  
Mathiasen Machinery, Inc.  
Royle Systems Group  
SAMP USA, Inc.  
SIKORA International Corporation  
Tensor Machinery  
Thermoplastic Engineering Corp.  
Wire & Plastic Machinery Corp.

### FIBER OPTIC CABLE AND OPTICAL FIBER MANUFACTURING EQUIPMENT

Amaral Automation Associates  
American Kuhne  
AW Machinery LLC  
Calmec Precision Limited  
CEECO Bartell Products  
Commission Brokers Inc.  
Davis-Standard, LLC  
FACTS, Inc.  
Fine International  
Hall Industries/MGS Manufacturing  
Joe Snee Associates, Inc.  
Kalmark Integrated Systems Ltd.  
Mathiasen Machinery, Inc.  
MGS Manufacturing/Hall Industries  
Miltec UV  
Roblon US Inc.  
Roteq Machinery Inc.  
Royle Systems Group  
SIKORA International Corporation  
Technical Development Corporation (TDC)  
Tensor Machinery  
Thermoplastic Engineering Corp.  
Wire & Plastic Machinery Corp.

### MARKING AND PRINTING MACHINES

Commission Brokers Inc.  
EMD Performance Materials  
Gem Gravure  
Leibinger, Inc., Paul  
Mathiasen Machinery, Inc.  
Taymer International Inc.  
W. Gillies Technologies, LLC  
Wire & Plastic Machinery Corp.

### PAYOFFS AND TAKEUPS

AIM, Inc.  
AITMAC, Inc.  
Amacoil, Inc.  
Amaral Automation Associates  
American Kuhne  
AW Machinery LLC  
Bartell Machinery Systems, LLC  
Cable and Tubing Solutions (CTS)  
Calmec Precision Limited  
CEECO Bartell Products  
Commission Brokers Inc.  
Davis-Standard, LLC  
Fenn Metal Forming Machinery  
Fine International  
Frigeco USA, Inc.  
Hall Industries/MGS Manufacturing  
Huestis Industrial  
I.C.E. Wire Line Equipment  
Joe Snee Associates, Inc.  
Kalmark Integrated Systems Ltd.  
Kinrei of America, L.L.C.  
Magnetic Technologies Ltd.  
Mathiasen Machinery, Inc.  
MGS Manufacturing/Hall Industries  
Niehoff Endex North America  
Roblon US Inc.  
Roteq Machinery Inc.  
Royle Systems Group

**Continued...**

SAMP USA, Inc.  
SIMPACKS  
Stolberger Inc.  
DBA Wardwell Braiding Co.  
Taymer International Inc.  
Technical Development Corporation (TDC)  
Tensor Machinery  
Thermoplastic Engineering Corp.  
REELEX Packaging Solutions, Inc  
Varibelt Incorporated  
Wire & Plastic Machinery Corp.  
Witels Albert, USA, Ltd.

### PLATING, GALVANIZING, ETC., LINES

I.C.E. Wire Line Equipment  
Kinrei of America, L.L.C.  
Mathiasen Machinery, Inc.  
Niehoff Endex North America  
Precision Process, Inc.  
QED Wire Lines, Inc.  
SAMP USA, Inc.  
Varibelt Incorporated

### RESPOOLERS

AITMAC, Inc.  
Amacoil, Inc.  
Amaral Automation Associates  
AW Machinery LLC  
Bartell Machinery Systems, LLC  
Calmec Precision Limited  
CEEEO Bartell Products  
Commission Brokers Inc.  
Davis-Standard, LLC  
Fine International  
Frigeco USA, Inc.  
Hall Industries/MGS Manufacturing  
Huestis Industrial  
Joe Snee Associates, Inc.  
Kalmark Integrated Systems Ltd.

Kinrei of America, L.L.C.  
Mathiasen Machinery, Inc.  
MGS Manufacturing/Hall Industries  
Niehoff Endex North America  
Roblon US Inc.  
Roteq Machinery Inc.  
Royle Systems Group  
SAMP USA, Inc.  
Stolberger Inc.  
DBA Wardwell Braiding Co.  
Technical Development Corporation (TDC)  
Tensor Machinery  
Thermoplastic Engineering Corp.  
REELEX Packaging Solutions, Inc  
SIMPACKS  
Varibelt Incorporated  
Wire & Plastic Machinery Corp.

### ROLLING MILLS, FLATTENING & SHAPING

Fenn Metal Forming Machinery

### ROD CASTING

Southwire Company, SCR Technologies

### ROTATING MACHINERY: BUNCHERS, CABLERS, STRANDERS, TWINNERS, ETC.

AITMAC, Inc.  
Bartell Machinery Systems, LLC  
CEEEO Bartell Products  
Commission Brokers Inc.  
Fine International  
Frigeco USA, Inc.  
Hall Industries/MGS Manufacturing  
Kalmark Integrated Systems Ltd.  
Kinrei of America, L.L.C.  
Mathiasen Machinery, Inc.  
MGS Manufacturing/Hall Industries

Niehoff Endex North America  
Northhampton Machinery Co.  
Roteq Machinery Inc.  
SAMP USA, Inc.  
Technical Development Corporation (TDC)  
Tensor Machinery  
Thermoplastic Engineering Corp.  
Wire & Plastic Machinery Corp.

**SURFACE TREATMENT SYSTEMS:  
CLEANING, PICKLING, COATING,  
CHALKING, ETC.**

EMD Performance Materials  
I.C.E. Wire Line Equipment  
Kinrei of America, L.L.C.  
Mathiasen Machinery, Inc.  
Precision Process, Inc.  
QED Wire Lines, Inc.  
SAMP USA, Inc.  
Slover Group, The  
Wire Lab Co.

**TAPE APPLICATORS, BINDERS,  
ARMORING, SERVING HEADS**

Amaral Automation Associates  
Calmec Precision Limited  
CEECO Bartell Products  
Commission Brokers Inc.  
Fine International  
Frigeco USA, Inc.  
Hall Industries/MGS Manufacturing  
Kalmark Integrated Systems Ltd.  
Mathiasen Machinery, Inc.  
MGS Manufacturing/Hall Industries  
Roblon US Inc.  
Roteq Machinery Inc.  
Technical Development Corporation (TDC)  
Tensor Machinery  
Thermoplastic Engineering Corp.  
Wire & Plastic Machinery Corp.

**TURN KEY PRODUCTION  
SYSTEMS AND FACTORIES**

Amaral Automation Associates  
American Kuhne  
AW Machinery LLC  
Calmec Precision Limited  
CEECO Bartell Products  
Commission Brokers Inc.  
Cortinovis America  
Davis-Standard, LLC  
FACTS, Inc.  
Fine International  
Frigeco USA, Inc.  
I.C.E. Wire Line Equipment  
Joe Snee Associates, Inc.  
Mathiasen Machinery, Inc.  
Niehoff Endex North America  
Precision Process, Inc.  
Roteq Machinery Inc.  
Royle Systems Group  
SAMP USA, Inc.  
SIMPACKS  
Southwire Company, SCR Technologies  
Tensor Machinery  
Thermoplastic Engineering Corp.  
Wasik Associates, Inc.  
Wire & Plastic Machinery Corp.

**USED AND REBUILT EQUIPMENT**

Amaral Automation Associates  
Commission Brokers Inc.  
Davis-Standard, LLC  
Mathiasen Machinery, Inc.  
Stolberger Inc.  
DBA Wardwell Braiding Co.  
Wire & Plastic Machinery Corp.

**Continued...**



## WIRE AND ROD DRAWING MACHINERY

AITMAC, Inc.  
Commission Brokers Inc.  
Fenn Metal Forming Machinery  
Frigeco USA, Inc.  
Mathiasen Machinery, Inc.  
Niehoff Endex North America  
SAMP USA, Inc.  
Varibelt Incorporated  
Wire & Plastic Machinery Corp.

## WIRE BENDING, FORMING AND FABRICATING

AIM, Inc.  
Fenn Metal Forming Machinery  
Huestis Industrial

## **Accessories and Controls:**

### AIR WIPES

Amaral Automation Associates  
Davis-Standard, LLC  
Hall Industries/MGS Manufacturing  
Huestis Industrial  
KEIR Manufacturing  
MGS Manufacturing/Hall Industries  
Wire Lab Co.

### ANNEALER BANDS, RINGS & HUBS

Frigeco USA, Inc.  
Niehoff Endex North America  
SAMP USA, Inc.  
Western Engineered Products

## BOWS FOR ROTATING MACHINES

AITMAC, Inc. Cortinovis America  
KEIR Manufacturing  
Kinrei of America, L.L.C.  
Niagara Composites International Inc.  
SAMP USA, Inc.

### CABLE DESIGN SOFTWARE

OptEM Engineering

### CABLE FILLING EQUIPMENT

Commission Brokers Inc.  
Tensor Machinery

### CABLE PACKAGING

Commission Brokers Inc.  
Niehoff Endex North America  
REELEX Packaging Solutions, Inc  
SIMPACKS

### DIES AND DIE MAKING EQUIPMENT

Balloffet Die Corp./USA  
Die Quip Corp.  
Fort Wayne Wire Die, Inc.  
Heritage Wire Die, Inc.  
Kinrei of America, L.L.C.  
Precision Die Technologies (PDT)

### DRIVES, CONTROLS, MOTORS

Amaral Automation Associates  
Davis-Standard, LLC  
FACTS, Inc.

## EXTRUSION CROSS HEADS AND TOOLING

Amaral Automation Associates  
American Kuhne  
Balloffet Die Corp./USA  
B & H Tool Company  
Cable and Tubing Solutions (CTS)  
CEEEO Bartell Products  
Davis-Standard, LLC  
Royle Systems Group  
SAMP USA, Inc.  
Wire & Plastic Machinery Corp.

## GUIDES, PULLEYS, SHEAVES, ROLLERS, BELTS, ETC.

AITMAC, Inc.  
Amacoil, Inc.  
Amexstra, Inc.  
AW Machinery LLC  
CEMANCO  
Davis-Standard, LLC  
KEIR Manufacturing  
Rainbow Rubber and Plastics, Inc.  
Refractron Technologies Corp.  
Sjogren Industries, Inc.  
Tensor Machinery  
Wire & Plastic Machinery Corp.  
Witels Albert, USA, Ltd.

## LUBRICANTS AND FILTRATION SYSTEMS

Aztech Lubricants LLC  
Baum's Castorine Co., Inc.  
Blachford Corporation  
Condat Corp.  
Slover Group, The  
RichardsApex, Inc.

## QUALITY CONTROL AND MEASUREMENT DEVICES

Amaral Automation Associates  
American Kuhne  
Calmec Precision Limited  
Die Quip Corp.  
FACTS, Inc.  
Fiber Optic Center, Inc. (FOC) / Technical  
Horsepower Consulting, LLC (THC)  
Joe Snee Associates, Inc.  
iNOEX LLC  
NDC Technologies (BETA LaserMike  
Products)  
Oden Technologies  
SIKORA International Corporation  
Sjogren Industries, Inc.  
Taymer International Inc.  
Zumbach Electronics Corp.

## REELS, SPOOLS, BASKETS

Ace Metal  
AITMAC, Inc.  
Carris Reels, Inc.  
Commission Brokers Inc.  
Fabritex, Inc.  
Kinrei of America, L.L.C.  
Madem-Moorecraft Reels, Inc.  
Mossberg Associates, Inc.  
P & R Specialty, Inc.  
Pittsfield Plastics Engineering, LLC  
Reel Options by Vandor Corporation  
Sonoco Plastics  
Sonoco Reels  
Wire & Plastic Machinery Corp.

## TENSION CONTROLS, BRAKES, CLUTCHES

Davis-Standard, LLC  
Magnetic Technologies Ltd.  
Sjogren Industries, Inc.

**Continued...**

## TRAVERSES

AITMAC, Inc.  
Amacoil, Inc.  
Bartell Machinery Systems, LLC  
CEMANCO  
Clinton Instrument Co., Inc.

## WIRE AND CABLE HANDLING: WELDING, POINTING, STRINGING, SWAGING, ETC.

AITMAC, Inc.  
Amaral Automation Associates  
Commission Brokers Inc.  
Cortinovis America  
Fenn Metal Forming Machinery  
Huestis Industrial  
Joe Snee Associates, Inc.  
Wire & Plastic Machinery Corp.

## WIRE AND CABLE HANDLING: CUTTING, CUTOFF, STRIPPING, ETC.

AITMAC, Inc.  
Amaral Automation Associates  
CEMANCO  
Commission Brokers Inc.  
Fenn Metal Forming Machinery  
Huestis Industrial  
Kinrei of America, L.L.C.  
Tensor Machinery  
Wire & Plastic Machinery Corp.

## WIRE AND CABLE HANDLING: STRAIGHTENING

AITMAC, Inc.  
CEMANCO  
Sjogren Industries, Inc.  
Witels Albert, USA, Ltd.

## Materials:

### CONDUCTORS AND WIRES: NONFERROUS

Cable Components Group  
M. Holland Company  
Sark-USA, Inc.  
SDI LaFarga, LLC

### FILLERS

Cable Components Group  
Chase Corporation  
Conneaut Industries, Inc.  
M. Holland Company  
Roblon US Inc.

### INSULATION AND JACKET/ SHEATHING COMPOUNDS AND COLORANTS

AGC Chemicals Americas, Inc.  
Arkema, Inc.  
Arya Chem Inc.  
Cable Components Group  
Colorant Chromatics/PolyOne Chromatics, Inc.  
Dyna-Mix Custom Rubber Mixing  
Mexichem Specialty Chemicals  
M. Holland Company  
Nylon Corporation of America (NYCOA)  
Teknor Apex Co.

## PRINTING/MARKING MATERIALS: FOILS, RIBBONS, INKS

EMD Performance Materials  
Gem Gravure  
Leibinger, Inc., Paul  
W. Gillies Technologies, LLC

## STRENGTH MEMBERS

Cable Components Group  
Chase Corporation

## TAPES

Cable Components Group  
Chase Corporation  
Conneaut Industries, Inc.  
LLFLEX  
M. Holland Company

## TESTING LABS

Fiber Optic Center, Inc. (FOC) / Technical  
Horsepower Consulting, LLC (THC)  
SGS Govmark

## YARNS AND BINDERS

Cable Components Group  
Chase Corporation  
Coats North America  
Conneaut Industries, Inc.  
EY Technologies



### **WCISA® Scholarship Program**



**WCISA®**  
Wire and Cable Industry  
Suppliers Association®

WCISA offers three types of scholarships to its member companies:

1. **WCISA Employee & Intern Scholarship** for people currently working at a WCISA member company. One or more awards per year. Applicants should have a need and desire to enroll in or be enrolled in an in-person or online course or degree program that is related to their job description at the WCISA member company. Applications are due from employees, interns or colleagues at WCISA member companies by July 31 of each year.
2. **WCISA High School Graduate Scholarship** for high school graduates with a parent or grandparent working at a WCISA member company. One or more awards per year. Applicants must be a high school graduate enrolled in a college or university in the fall of the application year. Any planned field of study is acceptable. Applications are due from students or parents/grandparents at WCISA member companies by July 31 of each year.
3. **WCISA Special Scholarship** for extraordinary or special circumstances, directly or via industry partners (memorials, hardships, research projects, endowments, etc.). These are awarded on a case-by-case basis. Applications or requests may be submitted at any time of the year by an employee of any WCISA member company or via industry partners.

Materials to Submit: Applicants should submit a written statement to [info@wcisaonline.org](mailto:info@wcisaonline.org). Identifying their connection to a WCISA member company, the desired scholarship and the reasons to be selected

[www.wcisaonline.org](http://www.wcisaonline.org) • [info@wcisaonline.org](mailto:info@wcisaonline.org)

WCISA® member companies are North American-based suppliers of machinery, materials and accessories for making all types of wire and cable. Annual Dues: \$300/company. Established in 1996, WCISA is a nonprofit trade association.



### **WCISA® Member Benefits**



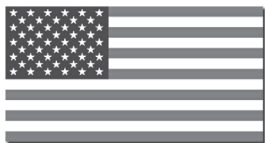
**WCISA®**  
Wire and Cable Industry  
Suppliers Association®

1. **COMPANY AND PRODUCT PROMOTION:** WCISA Member Directory and Product Guide published annually and distributed worldwide at trade shows and conferences in North America, Europe and Asia. WCISA web site, [www.wcisaonline.org](http://www.wcisaonline.org), containing member company and product information and hotlinks to member's e-mails and web sites. WCISA press releases published in wire and cable media outlets.
2. **REPRESENTATION AT TRADE SHOWS AND CONFERENCES:** WCISA exhibit booths, literature distribution at shows. Pavilion sponsorships. Show services. Hospitality Events.
3. **NETWORKING AND SOCIAL OUTING OPPORTUNITIES:** At exhibitions and conferences.
4. **SCHOLARSHIPS FOR WCISA MEMBER COMPANIES:** Employees, Interns, High School Graduates, Special Circumstances.
5. **PARTNERSHIPS & DIALOGS WITH INDUSTRY ASSOCIATIONS AND EVENT ORGANIZERS:** IWCS, IWMA, MESSE DÜSSELDORF (GERMANY & NORTH AMERICA), WIAL.
6. **A UNIFIED VOICE & SUPPORT OF NORTH AMERICAN SUPPLIERS**

**SUPPORT THE INDUSTRY, YOUR COMPANY AND  
YOUR FELLOW NORTH AMERICAN SUPPLIERS  
IN THE WORLDWIDE MARKETPLACE**

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# WCISA® Exhibits in 2020

March 30, 2020 – April 3, 2020

wire 2020

Düsseldorf, Germany

[www.wire-tradefair.com](http://www.wire-tradefair.com)

[www.mdna.com](http://www.mdna.com)

wire



join the best:

30 March to  
03 April 2020

Düsseldorf, Germany

June 2 – 4, 2020

Wire Expo 2020

Uncasville, CT, USA

[www.wireexpo20.com](http://www.wireexpo20.com)



September 23 – 26, 2020

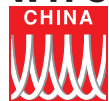
wire China 2020

Shanghai, China

[www.wirechina.net](http://www.wirechina.net)

[www.mdna.com](http://www.mdna.com)

wire



CHINA INTERNATIONAL  
WIRE & CABLE TRADE FAIR

October 11 – 14, 2020

IWCS 2020 Cable ·

Connectivity Symposium

Providence, RI, USA

[www.iwcs.org](http://www.iwcs.org)



THE  
International  
Cable · Connectivity  
Symposium

Industry Leadership, Innovation  
and Professional Development

November 23 – 25, 2020

wire India 2020

Mumbai, India

[www.wire-india.com](http://www.wire-india.com) • [www.mdna.com](http://www.mdna.com)



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*Wire and Cable Industry  
Suppliers Association®*

**Established in 1996**

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