TECHNOLOGY & INNOVATION TO TRANSFORM YOUR BUSINESS

FABTECH 2019
CHICAGO
NOV 11-14
FABTECHEXPO.COM

THE OFFICIAL ON-SITE GUIDE & DIRECTORY

Thank You to Our Platinum Sponsors
SHAPE YOUR FUTURE AT OUR MOST IMMERSIVE FABTECH EXPERIENCE YET.

See more than ever before.
Discover dozens of our latest products and solutions, including our new systems for manual plasma cutting, automated orbital welding, cutting automation solutions, and data-driven innovations. We will also be featuring our newest filler metals, our full range of arc welding equipment (from light portable to heavy industrial), a regulator for extremely high-flow applications, and the most rugged portable wire feeder on the market.

Try more than ever before.
Go hands-on with multiple demo stations for welding and manual plasma cutting, and put your oxy-fuel skills to the test in our Victor® Rulers of the Flame-cutting competition.

Learn more than ever before.
Get schooled at ESAB University (in partnership with Weld.com), a dedicated area within the booth featuring multiple daily educational sessions by welding experts. Plus, you'll have the opportunity to meet and learn from Ian Johnson and the ESAB Elite team.

Visit booth B17087 and come see how we can build the world of tomorrow, together.
Mazak leads the way with power and performance. See the power of OPTIPLEX 10kW laser-cutting technology. Direct diode performance will be demonstrated in an automated sorting system. Contact your Mazak representative to learn more or visit www.mazakoptonics.com.
HOW TO USE THE ON-SITE GUIDE & DIRECTORY

The show directory is divided into several tabbed sections to make it easy for you to find whatever you need while visiting FABTECH at McCormick Place.

GENERAL INFORMATION
Beginning on page 6, find information on attendee event services such as baggage check, first aid, lost and found, and hotel shuttle information.

EDUCATION PROGRAMS & SPECIAL EVENTS
Starting on page 14, preview schedules and room locations for the FABTECH Education Program including seminars, technical conferences, professional programs, and association events and meetings for the 2019 event. In addition, turn to page 20 find a schedule of Special Events occurring at FABTECH 2019.

NEW PRODUCTS
The first tabbed section found on page 27 contains the new products by technology introduced at the show. Take the opportunity to review the products provided and stop by the exhibits to see the products live and in action!

EXHIBITOR LIST
The second tabbed section found on page 43 is an alphabetical listing of exhibitors who are showcasing their equipment. This includes important exhibitor contact information that can be used as a resource when you return to your office. Exhibitor List is current as of 9/24/19.

PRODUCT CATEGORIES
The third tabbed section found on page 123 provides a list of exhibitors by specific technology or type of equipment displayed in their booths. Use this section as a quick index to compare equipment at the show.

EXHIBIT FLOOR PLAN
The fourth and final tabbed section found after page 178 is a visual representation of the exhibitor booth locations, including an alphabetical list of all exhibitors represented in the show. There are two maps, one for exhibitors located in the South Building, Hall A and one for exhibitors located in the North Building, Hall B and Lakeside Center (East Building), Hall D.

THANK YOU TO OUR SHOW SPONSORS

PLATINUM SPONSORS:

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TRUMPF

SPONSORS:

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RPB supplied and powered air respirators, airline filters, and monitoring equipment offer advanced protection with superior comfort to keep operators safe and productive.

To explore our full range, come see the team at Stand B13074. Alternatively call 1-866-494-4599 email sales@rpbsafety.com or visit rpbsafety.com

Protecting you for life’s best moments.

* from local and globally sourced components.
ABOUT THE SHOW
FABTECH is the largest metal forming, fabricating, welding, tube & pipe, and finishing event in North America. The event exists to bring buyers and sellers together in a convenient venue that facilitates business relationships, networking, education, and the buying process. This premier industry event is cosponsored by the American Welding Society (AWS), the Fabricators and Manufacturers Association, International (FMA), SME, the Precision Metalforming Association (PMA) and the Chemical Coaters Association International (CCAI).

SHOW DATES & HOURS
MONDAY, NOV 11
10:00 AM* – 6:00 PM
TUESDAY, NOV 12
9:00 AM – 5:00 PM
WEDNESDAY, NOV 13
9:00 AM – 5:00 PM
THURSDAY, NOV 14
9:00 AM – 3:00 PM
*East Building (Lakeside Center) Opens at 9:00 AM.

LOCATION
McCormick Place
2301 S. King Drive
Chicago, IL 60616
mccormickplace.com

ON-SITE SHOW REGISTRATION
Event Registration is located in the S100 Ballroom, Lakeside Center, West Transportation Lobby and North Hall B Level 2.

Anyone who will be attending the exposition MUST register to receive a badge to be admitted to the show. Admission to the exposition is FREE for AWS, FMA, SME, PMA, and CCAI members and $50 for non-members. Student admission is FREE for members and is $5 for non-members. No one under the age of 16 will be admitted, and proof of age may be required.

HOURS OF OPERATION

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PHOTOGRAPHY/FILMING RESTRICTIONS
No videotapes, motion picture film, or other type of cameras are allowed in the exposition area except those belonging to news media and technical press, or approved in advance by FABTECH Public Relations staff. Check-in is required at the Media Center Room N427A. The use of camera phones for the sole purpose of photography at the show is prohibited.

SOLICITATION INFORMATION
Unauthorized solicitation (suitcasing/outboarding) of or marketing to exhibiting companies is strictly prohibited. Selling activities and distribution of literature, samples and marketing materials are permitted only from within the booth space of officially contracted exhibitors.

GO MOBILE AT FABTECH

SPONSORED BY:

Download the FABTECH Mobile App to access show info at your fingertips. The application is designed to enhance your show experience and puts important event information in the palm of your hand so you can access it anytime, anywhere.
HIGH SPEED ROBOTIC
STEEL BEAM ASSEMBLY

LIVE AT FABTECH
BOOTH A2147

- Accomplishes work of 5 fitters per shift
- Maintains 1/24” accuracy over 60’ profiles
- Fit and tack pieces at 1.5 minutes per part

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HOW TO LOCATE EXHIBITORS ON THE SHOW FLOOR

EXHIBITOR BOOTHS
The show encompasses the South Building, Hall A, the North Building, Hall B and Lakeside Center (East Building), Hall D at McCormick Place. The exhibitor booths are arranged in seven (7) technology areas. Overhead signs are displayed throughout the show floor to indicate each technology area, making it convenient for you to find and compare the products and services that you are interested in. In addition, the directory includes a floor plan which is color-coded by these seven technology areas:

- Yellow: 3D/Additive Manufacturing
- Green: Robotics & Industrial Automation
- Purple: Finishing
- Orange: Tube & Pipe
- Blue: Forming & Fabricating
- Red: Welding
- Gray: METALFORM

NEW PRODUCTS
Each year hundreds of new products debut at FABTECH. You will find that each exhibitor with a new product on display is noted with a icon in front of their name in the Exhibitor List section of this directory and on the Exhibitor Floor Plan. You can also find new product information in the tabbed New Product section of this directory starting on page 27.

EXHIBITORS BY PRODUCT LISTINGS
You can refer to the Product Categories tabbed section of the directory to find companies listed by the products and services they provide. Here you will find over 450 individual product categories with exhibitor name and booth number listed below each category.

EVENT SERVICES

ATMS
Cash machines are available in each building:
- South Level 2.5 in the Convenience Center;
- North Level 2, near McDonald’s;
- West Level 1 near the Transportation Center and Lakeside Level 2, near the Arie Crown Theater box office. All cash machines accept American Express, Visa, Mastercard, Cirrus, and Plus.

BADGE CORRECTIONS
Anyone who will need changes to their show badge can go to registration in the S100 Ballroom, Lakeside Center, West Transportation Lobby and North Hall B Level 2.

BADGE PICK UP
Pre-registered attendees can pick up their show badge in the S100 Ballroom, Lakeside Center, West Transportation Lobby and North Hall B Level 2.

BAGGAGE CHECK/COAT CHECK LOCATIONS
Permanent Location near Gate #4 at the entrance to the Hyatt McCormick Place
South Building, West Transportation Lobby, ROOM 101
- November 11...........8:00 AM - 6:00 PM
- November 12...........7:00 AM - 6:00 PM
- November 13...........7:00 AM - 6:00 PM
- November 14...........7:00 AM - 5:00 PM

Gate 26
- November 11...........7:00 AM - 6:00 PM
- November 12...........7:00 AM - 6:00 PM
- November 13...........7:00 AM - 6:00 PM
- November 14...........7:00 AM - 4:00 PM

BUSINESS CENTER
FedEx Office is located on Level 2.5 of the Grand Concourse in the South Building. It is open Monday through Friday, 8:30 AM - 5:00 PM.

FIRST AID/EMERGENCY
McCormick Place provides wheelchair-accessible first aid stations in each building. They are operated and staffed by licensed medical professionals. Stations are fully-equipped and include automated external defibrillators (AEDs) to respond to life-threatening occurrences.

There are First Aid areas located in each building:
- Lakeside Center - Level 1 near the Arie Crown Theater Dressing Room Entrance
- South and North Buildings - Level 2.5 of the Grand Concourse near the FedEx Office
- West Building - Level 1 near the Transportation Center

LOST AND FOUND
Check for lost items in the Security Office Room S400C, or the Show Management Office Room N426, open from 8:00 AM to 6:00 PM each day.

MEDIA CENTER
The Media Center is located in Room N427A.

HOURS OF OPERATION
November 11...........8:00 AM - 6:00 PM
November 12...........8:00 AM - 5:00 PM
November 13...........8:00 AM - 5:00 PM
November 14...........8:00 AM - 3:00 PM

VIP LOUNGE
The VIP lounge is located in Room N427BC and is open during show hours to those individuals that have VIP status indicated on their badge.

WI-FI
McCormick Place now provides free Wi-Fi. This amenity is available throughout the facility, including all common hallways, exhibit halls and meeting rooms.

DISABILITY SERVICES
Assisted Hearing - McCormick Place has TTY access available at the Security Command Center located in the North Building on Level 1. For more information, call the TTY number at 312-791-6505.

Entrances and Exits - McCormick Place has 4 designated drop-off points for taxis and cars that provide ramped curbs and automatic entry doors:
- Lakeside Center (East Building): Drop off at Gate 37 (car drop off at Gate 31); pick up at Gate 30
- North Building: Drop off or pick up at Gate 22
- South Building: Drop off or pick up at Gate 4
- West Building: Drop off or pick up at Gate 40

Parking Lots - Accessible parking is available in Lot A (located on Martin Luther King Drive), Lot C (located underground in Lakeside Center) and the Hyatt Regency McCormick Place parking garage.

Service Animals - Trained service animals are welcome at McCormick Place.

Wheelchairs, Mobility Services and Oxygen Equipment - For wheelchairs, mobility scooters, power chairs and oxygen equipment rentals, contact Scootaround Mobility Solutions at 888-441-7575 or visit locations.scootaround.com/McCormickPlace.
RESTAURANTS AT MCCORMICK PLACE

23rd St. Café & Market - Located on Level 3 of the Grand Concourse, the 23rd St. Café & Market offers a sustainable, healthy menu. The 23rd St. Café & Market features choices in menu and service options with a seated Café section and a “grab-n-go” Market.

Connie's Pizza - Chicago’s own Connie's Pizza and other Italian favorites like soups, salads and sandwiches. Located on Level 2 of the North Building.

FABTECH Bistro
Open during show days: 11:00 AM – 2:30 PM
Located in the Lakeside Center & S100 Ballroom.

Jamba Juice - The category-defining leader in healthy blended beverages is here and also offers oatmeal, wraps, flatbreads, pastries and healthy snack options. Located on Level 2.5 of the South Building.

McDonald’s Express - Featuring classic All-American favorites. Located on Level 2 of the North Building.

Ryba’s Fudge Shop - Serving freshly made fudge, ice cream, nuts and candies. Located on Level 2.5 of the South Building.

South Hall Café A1 and Café A2 - Located on the South Hall show floor, featuring hot and cold sandwiches, salads and beverages.

South Hall Food Court - This eclectic food court offers several options to choose from: Little Italy, Pacific Rim, American Grill, Fiesta Brava, Express-to-Go sandwiches, salads and snacks, as well as a fabulous soup bar.

Starbucks® - Located in the concourse of the West Building, on Level 2.5 of the South Building, and the Level 3 show floor of the North Building.

Hyatt McCormick Place Dining Options
• Sixes & Eights - Enjoy dishes traditionally found in Asian roadside cafes, temples and markets at this colorful bistro.
• Third Star - Enjoy global cuisine with innovative, bold flavors in the stunning interiors of this worldly eatery.
• Arc Bar - Intimate, yet edgy, this high-voltage bar serves house cocktails and creative shared plates.
• Market - Start your day with Starbucks® coffee and other tasty treats.

Marriott Marquis McCormick Place Dining Options
• Woven + Bound Restaurant - Tempt your taste buds with a bountiful breakfast buffet and delicious American cuisine for lunch and dinner.
• Woven + Bound Bar - Open for lunch and dinner.
• 2121 Pantry - Savor tasty food made from fresh ingredients in the Fresh Bites Pantry restaurant.
• Showroom Food Hall - The food and beverage is vibrant and fun while celebrating the handcrafted, all-American comfort Chicago is celebrated for. Start your engine at Revolution Coffee Counter, Refuel at Winged Warrior Pizza, Argosy Soup and Sandwich or Hot Licks Spuds. Take a victory lap with friends while enjoying a drink from Nomad Beer & Wine.

OFFSITE RESTAURANT RESERVATIONS
Restaurant reservations for the Chicagoland area can be made at the reservation desk located on the 2.5 Level.

EXHIBITOR SERVICES

EXHIBITOR LOUNGE
The exhibitor lounge is located in Room N427D and will be available to exhibitors from Thursday, November 7 thru November 14 from 8:00 AM to 5:00 PM each day. Exhibitors must wear their exhibitor badge for admittance.

SHOW MANAGEMENT OFFICE
The Show Office is located in Room N426 and is open from 8:00 AM to 6:00 PM each day.

HOTEL/HOUSING DESK
The information desk for onPeak, the official hotel vendor for FABTECH is located on Level 2.5.
HOTEL LOCATOR MAP

HOTEL SHUTTLE SERVICE*

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<th>ROUTES 1-3 ONLY</th>
<th>Inbound to McCormick EAST from Hotels EVERY 15-20 MINUTES</th>
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| ROUTE 1 |
|-----------------|----------------------------------------------------------|----------------------------------------------------------|
| 12 Hampton Inn Majestic Chicago Theater District | At Palmer House Hilton, Wabash Avenue Entrance |
| 13 Hilton Chicago & Towers (AWS HG) | 8th Street Entrance |
| 14 Palmer House Hilton | Wabash Avenue Entrance |
| 15 The Blackstone | At Hilton Chicago, 8th Street Entrance |

| ROUTE 2 |
|-----------------|----------------------------------------------------------|----------------------------------------------------------|
| 16 Hampton Inn Downtown Mag Mile | Front Entrance |
| 17 Homewood Suites Downtown Mag Mile | Front Entrance on Huron |
| 18 Millennium Knickerbocker | At Westin Michigan Avenue, Front Entrance Across Street |
| 19 Omni Chicago | At Hampton Inn / Homewood Mag Mile, Front Entrance |
| 20 Residence Inn Downtown Mag Mile | At Westin Michigan Avenue, Front Entrance, Across Delaware |
| 21 Westin Michigan Avenue | Front Entrance, Across Delaware |

| ROUTE 3 |
|-----------------|----------------------------------------------------------|----------------------------------------------------------|
| 22 Holiday Inn Chicago Mart Plaza | Orleans Street, Mart Side |
| 23 Hotel Chicago Autograph Collection | At Westin River North, SW Corner of Clark & James C. Tyree Way |
| 24 JW Marriott | Front Entrance |
| 25 Residence Inn Downtown Loop | JW Marriott, Front Entrance |
| 26 W Chicago City Center | JW Marriott, Front Entrance |
| 27 Westin River North | SW Corner Clark & James C. Tyree Way |

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<th>ROUTES 4-6 ONLY</th>
<th>Inbound to McCormick SOUTH from Hotels EVERY 15-20 MINUTES</th>
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| ROUTE 4 |
|-----------------|----------------------------------------------------------|----------------------------------------------------------|
| 28 Fairmont Chicago Millenium Park | At Hyatt Regency, Curbside on Wacker, E Tower Entrance |
| 29 Hyatt Regency Chicago | Curbside on Wacker, East Tower Entrance |
| 30 Radisson Blu Aqua | At Hyatt Regency, Curbside on Wacker, E Tower Entrance |
| 31 Renaissance Chicago | Front Entrance Curbside |
| 32 Swissotel Chicago | At Hyatt Regency, Curbside on Wacker, E Tower Entrance |
| 33 The W | At Renaissance Chicago, Front Entrance Curbside |
| 34 Wyndham Grand Riverfront | Front Entrance |

| ROUTE 5 |
|-----------------|----------------------------------------------------------|----------------------------------------------------------|
| 35 AC Hotel Chicago Downtown | NW Corner Grand & Rush |
| 36 Courtyard Chicago Downtown River North | SE Corner of Illinois & State |
| 37 Embassy Suites Downtown | At Hilton Garden Inn, Front Entrance on Grand |
| 38 Hilton Garden Inn Chicago Downtown Mag Mile | Front Entrance |
| 39 Homewood Suites Chicago Downtown (Grand) | NW Corner Grand & Rush |
| 40 InterContinental Mag Mile | Illinois Street Entrance |
| 41 Marriott Chicago Downtown Mag Mile (PMA HQ) | NW Corner Grand & Rush |
| 42 The Gwen | NW Corner Grand & Rush |

| ROUTE 6 |
|-----------------|----------------------------------------------------------|----------------------------------------------------------|
| 43 Courtyard Marriott Magnificent Mile | At Fairfield Inn & Suites Downtown, Front Entrance |
| 44 Doubletree Magn Mil Chicago | Fairbanks Street Entrance |
| 45 Embassy Suites Downtown Mag Mile | At Sheraton, Front Entrance, Across Street |
| 46 Fairfield Inn & Suites Downtown Mag Mile | Front Entrance |
| 47 Hotel EMC2, Autograph Collection | At Fairfield Inn Mag Mile, Front Entrance |
| 48 Hyatt Centric Mag Mile | At Fairfield Inn Mag Mile, Front Entrance |
| 49 Loews Chicago Hotel (CLC HQ) | At Sheraton, Front Entrance, Across Street |
| 50 Sheraton Grand | Front Entrance, Across Street |

WALKING DISTANCE, NO SERVICE REQUIRED

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<td>52 Hilton Garden Inn McCormick Place</td>
<td>Marriott Marquis Chicago</td>
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<tr>
<td>53 Home2 Suites McCormick Place</td>
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*Please be advised that pick up times & locations listed above are subject to change. Please consult the event web site or signage in your hotel lobby for up-to-date schedule and boarding point information.
TRANSPORTATION

The Regional Transportation Authority (RTA) manages the 3 public transit operations in northeastern Illinois: The Chicago Transit (CTA), Metra commuter rail and Pace suburban bus. For information on routes and schedules, contact the RTA via the web at rtachicago.org or call the Transit Information Hotline at 312-836-7000.

Bus Services
The Chicago Transit Authority provides the following bus service and runs approximately every 15 minutes. Drop off is located at the main entrance to the South Building on Martin Luther King Drive. The #3 King Drive bus is the most common bus route to McCormick Place as it runs north/south along Michigan Avenue serving many downtown hotels and the Magnificent Mile and Water Tower Place. The McCormick Place stop is located at 2301 S. King Drive, Chicago and is in front of our main entrance. One-way bus fare is $2.25 and it is recommended to pre-purchase a Ventra card prior to using the bus system.

Regional Transit Authority (METRA)
Located on Level 2.5 of the Grand Concourse in the South Building, the METRA Electric commuter railroad provides direct service within seven minutes to and from downtown Chicago. Service from the Millennium (Randolph St.) Station (near the Fairmont Hotel) to McCormick Place begins early morning, with more frequent pick-ups during rush hour. Single trip: $4.00 and up based on zones traveled, 10-ride pass: $38.00 and up based on zones traveled. For exact fares and route maps, visit the Metra website at metrarail.com.

Taxis
Taxis are plentiful, easy-to-hail downtown and at the airports and offer a convenient way to get around the city. Credit cards are accepted in all cabs by city mandate. It is standard to tip the driver about 15-20% of the fare, plus $1-2 per bag if the driver helps you with luggage. Please note that all fares are subject to change.

Sample taxi fare between downtown and O’Hare Airport is $40-50, and between Midway Airport is $30-35.

Uber/Lyft/CHICABS (Transportation Network Providers also referred to as “rideshare”)
Rideshare drop off/pick up locations at McCormick Place:
- South/North Buildings: Gate 4.5
- West Building: Gate 40.5
- Lakeside Building: Gate 38

Airports
O’Hare International Airport, located 17 miles from downtown, is one of the largest airports in the world. It is North America’s major international gateway airport, servicing over 83 million passengers to and from over 260 destinations around the globe. Midway International Airport is located 10 miles from downtown Chicago and offers another convenient travel option for visitors. It is the nation’s premier point-to-point airport, offering value-oriented leisure and business travel to over 80 destinations. Visit flychicago.com for details on parking, amenities, flight status, terminal maps and more for both O’Hare and Midway airports.

There are three main McCormick Place lots: A, B & C.
Parking fees can be paid by cash or credit card; VISA, MasterCard and American Express are accepted.

Lot A – 2301 South Prairie Avenue, Chicago, IL 60616: (8’ height clearance) is a six level garage with 2,100 parking spaces located on Martin Luther King Drive, adjacent to the West Building. Covered walkways from Lot A leading directly into McCormick Place and the Hyatt Regency McCormick Place Hotel also provide added convenience. The parking rate is $23 for up to 16 hours and $36 from 16 to 24 hours. There are no in-and-out privileges. Overnight parking is available in Lot A only. Lost tickets will pay the $36 (overnight) fee per day.

Lot B – 3050 South Moe Drive, Chicago, IL 60616 (also known as 31st Street Lot) is an outdoor surface parking lot located at 31st Street near Lake Shore Drive South and Moe Drive. It holds over 1,800 vehicles. The parking rate is a flat fee of $15 per day with no in-and-out privileges. This parking lot is open throughout event hours. Overnight parking is not available.

Lot C – Fort Dearborn Drive, Chicago, IL 60616 (6’4” height clearance) is an underground garage with 1,900 parking spaces and is located on Ft. Dearborn Drive, adjacent to the Lakeside Center. The parking rate is a flat fee of $23 per day with no in-and-out privileges. This parking lot is open throughout event hours. Overnight parking is not available.
ABOUT THE EVENT PARTNERS

The FABTECH Event Partners include five leading industry associations; the American Welding Society (AWS), the Fabricators and Manufacturers Association, International (FMA), SME, the Precision Metalforming Association (PMA), and the Chemical Coaters Association International (CCAI).

The American Welding Society (AWS) was founded in 1919 as a multifaceted, nonprofit organization with a mission to advance the science, technology and application of welding and allied joining and cutting processes, including brazing, soldering, and thermal spraying. Headquartered in Doral, Florida and led by a volunteer organization of officers and directors, AWS serves more than about 70,000 members worldwide and is composed of 22 Districts with 250 sections and student chapters. For more information, visit aws.org.

Based in Elgin, Ill., the Fabricators & Manufacturers Association International is a professional organization reaching more than 135,000 industry professionals world-wide focused on improving the metal forming and fabricating industry. Founded in 1970, FMA brings metal fabricators and fabricating equipment manufacturers together through technology councils, educational programs, networking events, award-winning magazines and co-sponsorship of FABTECH. FMA has a technology affiliate, the Tube & Pipe Association, International (TPA), which focuses on the unique needs of companies engaged in tube and pipe producing and fabricating. Nuts, Bolts & Thingamajigs™ is the charitable foundation of FMA. Visit fmanet.org for more information.

SME connects manufacturing professionals, academia and communities, sharing knowledge and resources to build inspired, educated and prosperous manufacturers and enterprises. With more than 85 years of experience and expertise in events, media, membership, training and development, and also through an education foundation, SME is committed to promoting manufacturing technology, developing a skilled workforce and attracting future generations to advance manufacturing. Learn more at sme.org, follow @SME_MFG on Twitter or facebook.com/SMEmfg.

The Precision Metalforming Association is the full-service trade association representing the $113-billion metalforming industry of North America—the industry that creates precision metal products using stamping, fabricating, spinning, slide forming and roll forming technologies, and other value-added processes. Its nearly 1,000 member companies also include suppliers of equipment, materials and services to the industry. PMA leads innovative member companies toward superior competitiveness and profitability through advocacy, networking, statistics, the PMA Educational Foundation, FABTECH and METALFORM tradeshows, and MetalForming magazine. Visit pma.org to learn more.

The Chemical Coaters Association International is a technical and professional organization that provides information and training on surface coating technologies. CCAI’s foundation is it’s series of active local chapters across the U.S. that conduct technical meetings on all aspects of organic finishing. Chapters serve as an excellent forum to discuss regional concerns while offering outstanding networking opportunities for finishers and suppliers. CCAI works to raise the standards of finishing operations through educational meetings and seminars, training manuals, certification programs, and outreach programs with colleges and universities. For more information visit ccaiweb.com.

Membership information can be obtained in the booth of the event partners, or by contacting the event partner directly.

AWS BOOTH: B25008
American Welding Society
8669 NW 36 Street,
Suite # 130
Miami, FL 33166
1-305-443-9353
Toll-Free: 1-800-443-9353
aws.org

FMA BOOTH: D46708
Fabricators & Manufacturers Association, Int’l
2135 Point Blvd
Elgin, IL 60123
1-815-399-8700
Toll-Free: 1-888-394-4622
fmanet.org

SME BOOTH: D46713
SME
1000 Town Center Dr.
Suite 1910
Southfield, MI 48075
1-313-425-3000
Toll-Free: 1-800-733-4763
sme.org

PMA BOOTH: D45414
Precision Metalforming Association
6363 Oak Tree Blvd
Independence, OH 44131
1-216-901-8800
pma.org

CCAI BOOTH: B13026
Chemical Coaters Association International
5040 Old Taylor Mill Rd.,
PMB 13
Taylor Mill, KY 41015
1-859-356-1030
ccaiweb.com
EXHIBITOR ADVISORY COMMITTEE (2019)

The FABTECH Exhibitor Advisory Committee (EAC) was established to provide show management with industry input and feedback on trade show issues. The group meets annually, during the show, and communicates throughout the year. All exhibitors are encouraged to contact EAC members or show management with ideas, feedback, and concerns. The EAC is comprised of experienced personnel from exhibiting firms representing each of the five show technology areas.

**ADDITIVE MANUFACTURING**
Nick Brewer, Events Marketing Manager
Formlabs

Matt Garbarino, Director of Marketing Communications
Cincinnati, Inc.

**FABRICATING**
Mike Albrecht, National Sales Manager
Scotchman Industries Inc.

Megan Harmann, Marketing Manager
Peddinghaus

Isabel Florence, Marketing Manager
MC Machinery Systems Inc.

Mark Lobit, Marketing Manager
Mazak Optonics

Nick Ostrowski, General Manager
Amada America

**FINISHING**
Peter Dority, VP Sales & Mktg
Coral Chemical

Donna Gordon, Marketing Director
Blast Cleaning Technologies

Rhonda Joslin, Marketing Manager
EXEL North America

Jena Ottery, Marketing Manager
EPSI – Engineered Products & Services Inc.

**STAMPING**
Scott Brait, Director of Sales
SEYI-America, Inc.

Lance Curtis, Vice President of Sales
Link Electric & Safety Control Co.

Lee Ellard, National Sales Manager
Stamtec, Inc.

Gary Koltookian, Integrated Marketing Manager
Plex Systems, Inc.

Kelly Ott, Sales & Marketing
ShopEdge Software

Matt Shelter, Marketing Manager
AIDA – America

**TUBE & PIPE**
Jennifer Taylor, General Manager
BLM USA

Open Position

**WELDING**
David Bellamy, Manager Event Marketing
ITW Welding North America

Ann Pennino, CME, Exhibit Manager
Praxair, Inc.

Scott Skrjanc, Event Marketing Manager
Lincoln Electric

Donna Terry, Regional Marcom Manager
ESAB Welding & Cutting Products

Betsy Van Duyne, Marketing Manager
Hypertherm

Bill Wehrman, Marketing Communications
ESAB Welding & Cutting Products

**SHOW MANAGEMENT**
John Catalano, SME
Andy Goyer, CCAI
Mark Hoper, FMA
Matt Rubin, AWS
Doug Trout, PMA
EDUCATION PROGRAM

ABOUT THE EDUCATION PROGRAM

The Fabricators & Manufacturers Association, Int’l (FMA), SME, Precision Metaforming Association (PMA), and Chemical Coaters Association International (CCAI), co-sponsor the sessions on 3D/additive manufacturing, automation, cutting, finishing, forming & fabricating, laser, lean, management, marketing & sales, smart manufacturing, stamping, welding fabrication and workforce development. All sessions are 90 minutes in length, offering practical knowledge you can use right away. Sessions with Tech Tours combine classroom instruction with expert-led guided tours on the show floor to see technology operating in designated booths.

The American Welding Society (AWS) presents a comprehensive lineup of welding education. Led by the industry’s top professionals, programs focus on best practices and new commercial developments in welding. Events include conferences, seminars, RWMA Resistance Welding School, professional program, society events, and more.

CONTINUING EDUCATION CREDITS

Individuals who attend AWS education programs are awarded 1 PDH (Professional Development Hour) for each hour of education program attendance. Individuals seeking FMA Recertification Credits will be awarded 2 credits for each conference session attended (forming & fabricating, cutting, or finishing tracks) plus an additional 2 credits for attending the show. Individuals who attend SME education programs may be eligible to receive one credit per hour attended toward their SME-managed recertification requirements.

TAX DEDUCTION

An income tax deduction may be allowed for expenses of education (including registration fees, travel, lodging, and meals) undertaken to maintain and improve professional skills (Treas Reg Sec 1.162-5). Contact your tax consultant for additional details.

HOW TO LOCATE SESSIONS

• Use the Schedule-at-a-Glance on pages 16-19 to get a quick preview of all the programs offered at the 2019 event. Programs are grouped within 14 tracks: 3D/Additive Manufacturing, Automation, Cutting, Finishing, Forming & Fabricating, Laser, Lean, Management, Marketing & Sales, Smart Manufacturing, Stamping, Welding Fabrication, Workforce Development and Welding.

• Review the Floor Plan Layout below for a visual overview of the meeting rooms where all the FABTECH education and professional events take place.

McCORMICK PLACE

<table>
<thead>
<tr>
<th>Lakeside Center (East Building)</th>
<th>METALFORM Tube/Pipe</th>
<th>Welding Finishing</th>
<th>AWS Education Programs (Levels 1 and 2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>North Building</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

AWS HEADQUARTERS
ROOM N229
NOV 11 – 14 • 5:30 AM – 6:00 PM each day

FABTECH HEADQUARTERS
ROOM S402A
(FMA, SME, PMA, CCAI)
NOV 11 – 13 • 7:00 AM – 4:30 PM each day
NOV 14 • 7:00 AM – 4:00 PM

2019 FABTECH EDUCATION PROGRAM ADVISORS

LEAN TRACK:
Anthony Manos, CEO, President, SS Supply

LASER TRACK:
Geoff Shannon, PhD, Director of Marketing, Materials Processing, Coherent Inc.
Neil S. Ball, President, Directed Light Inc.

ADDITIVE TRACK:
Carl Dekker, President, Met-L-Flo, Inc.

CUTTING TRACK:
Jim Colt, Applications Technology Manager, Hypertherm

AUTOMATION TRACK:
Bob Rochelle, Territory Sales Manager, South East, Gudel Inc.

MANAGEMENT TRACK:
FMA and SME Management Councils

WORKFORCE DEVELOPMENT TRACK:
John Hindman, Manager Learning Services, Tooling U-SME

FINISHING TRACK:
CCAI Education Committee

STAMPING TRACK:
PMA Technical Seminar & Conference Task Force
**2019 PRICING CHART**

### EXHIBITS ONLY

The cost to attend the exhibits is $50. AWS, FMA, SME, PMA, and CCAI members may always attend the exhibits for FREE with proof of membership.

### SPECIAL EVENTS

**TUESDAY, NOVEMBER 12 • INDUSTRY NIGHT AT McCormick Place**

On-site ticket price for attendees is $75 and includes food and drinks, networking, entertainment, and more.

**WEDNESDAY, NOVEMBER 13 • WOMEN OF FABTECH BREAKFAST**

Price for FABTECH Attendees is $25 and includes a breakfast buffet.

### EDUCATION PROGRAMS

3D/Additive Manufacturing, Automation, Cutting, Finishing, Forming & Fabricating, Laser, Lean, Management, Marketing & Sales, Smart Manufacturing, Stamping, Welding Fabrication, Workforce Development Tracks

<table>
<thead>
<tr>
<th>Packages (Buy More and SAVE!)</th>
<th>Member</th>
<th>Non-member</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Session</td>
<td>$195</td>
<td>$220</td>
</tr>
<tr>
<td>2 Sessions</td>
<td>$330</td>
<td>$385</td>
</tr>
<tr>
<td>3 Sessions</td>
<td>$450</td>
<td>$540</td>
</tr>
<tr>
<td>4 Sessions</td>
<td>$550</td>
<td>$660</td>
</tr>
<tr>
<td><strong>Full Conference: (5 or more sessions) BEST VALUE!</strong></td>
<td><strong>$750</strong></td>
<td><strong>$900</strong></td>
</tr>
</tbody>
</table>

**NOTE:** The rate for the 1/2-Day Laser Welding Workshop (Session AWF100) and Leadership Skills & Development Workshop (Session F216) is $365 for Members and $465 for Non-members.

### WELDING TRACK

<table>
<thead>
<tr>
<th>Member</th>
<th>Non-member$^a$</th>
</tr>
</thead>
<tbody>
<tr>
<td>AWS Educational Sessions</td>
<td>$25</td>
</tr>
<tr>
<td>1/2-Day Seminar</td>
<td>$345</td>
</tr>
<tr>
<td>1-Day Seminar</td>
<td>$565</td>
</tr>
<tr>
<td>2-Day Seminar, Conference or RWMA School</td>
<td>$795</td>
</tr>
<tr>
<td>Career Path Workshops</td>
<td>$50</td>
</tr>
<tr>
<td>1-Day Professional Program</td>
<td>$175</td>
</tr>
<tr>
<td>4-Day Professional Program</td>
<td>$395</td>
</tr>
<tr>
<td>Student Professional Program</td>
<td>$85</td>
</tr>
<tr>
<td>AWS Awards Luncheon</td>
<td>$30</td>
</tr>
<tr>
<td>AWS Prayer Breakfast</td>
<td>$15</td>
</tr>
</tbody>
</table>

$^a$ Non-member price for AWS Sessions only includes a one-year AWS Individual Membership.

$^b$ Non-member Student Professional Program price includes a one-year AWS Student Membership.

### CANCELLATION POLICY:

Cancellations are non-refundable. Substitutions are allowed.
## MONDAY, NOVEMBER 11

<table>
<thead>
<tr>
<th>TECHNOLOGY</th>
<th>8:00 AM – 9:30 AM</th>
<th>10:00 AM – 11:30 AM</th>
<th>12:00 PM – 1:30 PM</th>
<th>2:00 PM – 3:30 PM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3D/ADITIVE MANUFACTURING</strong></td>
<td><strong>NEW! F10:</strong> Application Discovery - Evaluating Real Use Cases for In-Office Metal 3D Printing  Room S403A</td>
<td><strong>NEW! F20:</strong> 3D Printed Tools for Additive Manufacturing Environments  Room S403A</td>
<td><strong>NEW! F30:</strong> The Ultimate Guide to Metal Additive: Mapping the Process from Discovery to Production  Room S403A</td>
<td><strong>NEW! F40:</strong> Metal 3D Printing for Fabrication Shops Room S403A</td>
</tr>
<tr>
<td><strong>AUTOMATION</strong></td>
<td><strong>NEW! F11:</strong> Move to the 21st Century: The Pros and Cons of Adding Automation to Your Process  Room S401D</td>
<td><strong>NEW! F21:</strong> Getting Started with Robotics: A Journey to the World of Robotics Room S401D</td>
<td><strong>NEW! F31:</strong> Leading and Preparing an Industry 4.0 Organization and Workforce Room S401D</td>
<td><strong>NEW! F41:</strong> Industrial Internet of Things (IIoT) for the Job Shop Room S401D</td>
</tr>
<tr>
<td><strong>CUTTING</strong></td>
<td><strong>NEW! F22:</strong> Cutting for Advanced Materials Room S404A</td>
<td><strong>NEW! F23:</strong> Machine Safeguarding Room S502A</td>
<td><strong>NEW! F33:</strong> Material Handling Room S502A</td>
<td><strong>NEW! F42:</strong> Automated Processes in Hybrid Induction &amp; Oxygen-Fuel Cutting Room S404A</td>
</tr>
<tr>
<td><strong>FINISHING</strong></td>
<td><strong>NEW! F24:</strong> Roll Forming: Basics and Lubricants Room S502B</td>
<td><strong>NEW! F34:</strong> Roll Forming: Tooling and Trouble Shooting Room S502B</td>
<td><strong>NEW! F43:</strong> Advanced Roll Forming Room S502B</td>
<td><strong>NEW! F44:</strong> Advanced Solutions for Tube and Pipe Room S502B</td>
</tr>
<tr>
<td><strong>FORMING &amp; FABRICATING</strong></td>
<td><strong>NEW! F12:</strong> Press Brake for Engineers Room S502A</td>
<td><strong>NEW! F25:</strong> Lasers for Joining Development and Control Room S403B</td>
<td><strong>NEW! F35:</strong> Remote Laser Joining &amp; Interface Applications Room S403B</td>
<td><strong>NEW! F45:</strong> Lasers and Laser Systems for Advanced Manufacturing Room S403B</td>
</tr>
<tr>
<td><strong>LASER</strong></td>
<td><strong>NEW! F16:</strong> Lean Principle: Getting Started with Your Lean Journey Room S401A</td>
<td><strong>NEW! F26:</strong> Lean Tools: Flow &amp; Pull in High Variety Environment Room S401A</td>
<td><strong>NEW! F36:</strong> Lean Principle: OEM Quality Excellence: 6 Practical Steps to Becoming an Award-Winning Supplier Room S401A</td>
<td><strong>NEW! F46:</strong> Lean Principle: Strategic Planning and Hoshin Kanri - How to Achieve the Future You See Room S401A</td>
</tr>
<tr>
<td><strong>LEAN</strong></td>
<td><strong>NEW! F17:</strong> Choosing the Best Source of Growth Capital for Your Manufacturing Business Room S404BC</td>
<td><strong>NEW! F27:</strong> Planning for the Present &amp; Paving a Strategic Roadmap Room S404BC</td>
<td><strong>NEW! F37:</strong> Job Shop Costing, Estimating and Scheduling for Complex Jobs Room S404BC</td>
<td><strong>NEW! F47:</strong> Hands-on Workshop - Cultivate &amp; Value Your Leadership Room S404BC</td>
</tr>
<tr>
<td><strong>MANAGEMENT</strong></td>
<td><strong>NEW! F18:</strong> Supercharge Your Networking &amp; Inbound Marketing Room S405A</td>
<td><strong>NEW! F28:</strong> Your Schematic for Assembling a Powerful Digital Marketing Machine Room S405A</td>
<td><strong>NEW! F38:</strong> Build a Sales Strategy &amp; Model for Scalable Growth Room S405A</td>
<td><strong>NEW! F48:</strong> Deliver Superb Customer Service &amp; Build a Customer-Centric Culture Room S405A</td>
</tr>
<tr>
<td><strong>MARKETING &amp; SALES</strong></td>
<td><strong>NEW! F19:</strong> Current State of Smart Manufacturing &amp; The Connected Viewpoint Room S402B</td>
<td><strong>NEW! F29:</strong> Smart Manufacturing Basics to Get Started in The Digital World Room S402B</td>
<td><strong>NEW! F39:</strong> Industrial IoT Case Study - Real World Implementation Room S402B</td>
<td><strong>NEW! F49:</strong> Smart Manufacturing and Workforce Ready! Room S402B</td>
</tr>
<tr>
<td><strong>SMART MANUFACTURING</strong></td>
<td><strong>NEW! F30:</strong> Understanding Servo Metal Stamping Presses - Proper Usage, Troubleshooting and Maintenance Room S503A</td>
<td><strong>NEW! F40:</strong> Using The Welding Economy Room S404D</td>
<td><strong>NEW! F31:</strong> ANSI Z224.1 &amp; OSHA 1910.147 Applications of Alternative Methods for Hazardous Energy Control Room S503A</td>
<td><strong>NEW! F41:</strong> Metal 3D Printing for Fabrication Shops Room S403A</td>
</tr>
<tr>
<td><strong>STAMPING</strong></td>
<td><strong>NEW! F21:</strong> The Future of Talent: Attracting and Retaining The Top Talent for the 21st Century Room S401BC</td>
<td><strong>NEW! F22:</strong> Creating Career Path Programs That Empower &amp; Engage Room S401BC</td>
<td><strong>NEW! F23:</strong> Creating Career Path Programs That Empower &amp; Engage Room S401BC</td>
<td><strong>NEW! F24:</strong> Creating Career Path Programs That Empower &amp; Engage Room S401BC</td>
</tr>
<tr>
<td><strong>WELDING FABRICATION</strong></td>
<td><strong>NEW! F20:</strong> Practicing Emotional Intelligence for Workplace Success Room S401BC</td>
<td><strong>NEW! F21:</strong> The Future of Talent: Attracting and Retaining The Top Talent for the 21st Century Room S401BC</td>
<td><strong>NEW! F22:</strong> Creating Career Path Programs That Empower &amp; Engage Room S401BC</td>
<td><strong>NEW! F23:</strong> Creating Career Path Programs That Empower &amp; Engage Room S401BC</td>
</tr>
<tr>
<td><strong>WORKFORCE DEVELOPMENT</strong></td>
<td><strong>NEW! F40:</strong> Metal 3D Printing for Fabrication Shops Room S403A</td>
<td><strong>NEW! F41:</strong> Industrial Internet of Things (IIoT) for the Job Shop Room S401D</td>
<td><strong>NEW! F42:</strong> Automated Processes in Hybrid Induction &amp; Oxygen-Fuel Cutting Room S404A</td>
<td><strong>NEW! F43:</strong> Advanced Roll Forming Room S502B</td>
</tr>
<tr>
<td><strong>WELDING</strong></td>
<td><strong>NEW! F44:</strong> Advanced Solutions for Tube and Pipe Room S502B</td>
<td><strong>NEW! F45:</strong> Lasers and Laser Systems for Advanced Manufacturing Room S403B</td>
<td><strong>NEW! F46:</strong> Lean Principle: Strategic Planning and Hoshin Kanri - How to Achieve the Future You See Room S401A</td>
<td><strong>NEW! F47:</strong> Hands-on Workshop - Cultivate &amp; Value Your Leadership Room S404BC</td>
</tr>
<tr>
<td><strong>CAREER PATH WORKSHOPS</strong></td>
<td><strong>NEW! F48:</strong> Deliver Superb Customer Service &amp; Build a Customer-Centric Culture Room S405A</td>
<td><strong>NEW! F49:</strong> Smart Manufacturing and Workforce Ready! Room S402B</td>
<td><strong>NEW! F50:</strong> Application of Real-Time Visual Monitoring Tool in Stamping Room S503A</td>
<td><strong>NEW! F51:</strong> Metal 3D Printing for Fabrication Shops Room S403A</td>
</tr>
<tr>
<td><strong>PROFESSIONAL PROGRAM</strong></td>
<td><strong>NEW! F52:</strong> Practicing Emotional Intelligence for Workplace Success Room S401BC</td>
<td><strong>NEW! F53:</strong> Creating Career Path Programs That Empower &amp; Engage Room S401BC</td>
<td><strong>NEW! F54:</strong> Creating Career Path Programs That Empower &amp; Engage Room S401BC</td>
<td><strong>NEW! F55:</strong> Creating Career Path Programs That Empower &amp; Engage Room S401BC</td>
</tr>
<tr>
<td><strong>SPECIAL PROGRAMS</strong></td>
<td><strong>NEW! F56:</strong> Pushing Your Envelope: How Smart People Overcome Self-Doubt and Live with Bold Enthusiasm Room S401BC</td>
<td><strong>NEW! F57:</strong> Creating Career Path Programs That Empower &amp; Engage Room S401BC</td>
<td><strong>NEW! F58:</strong> Creating Career Path Programs That Empower &amp; Engage Room S401BC</td>
<td><strong>NEW! F59:</strong> Creating Career Path Programs That Empower &amp; Engage Room S401BC</td>
</tr>
</tbody>
</table>

**NOV 11-14, 2019 | CHICAGO**

Detailed Education Program session descriptions, speakers, pricing, room locations and more can be found at fabtechexpo.com/edu.
## TUESDAY, NOVEMBER 12

<table>
<thead>
<tr>
<th>TECHNOLOGY</th>
<th>8:00 AM - 9:30 AM</th>
<th>10:00 AM - 11:30 AM</th>
<th>12:00 PM - 1:30 PM</th>
<th>2:00 PM - 3:30 PM</th>
</tr>
</thead>
<tbody>
<tr>
<td>3D/ADDITIVE MANUFACTURING</td>
<td></td>
<td></td>
<td><strong>NEW! F60:</strong> Fundamentals of Additive Manufacturing Room S403A</td>
<td><strong>NEW! F70:</strong> Small &amp; Large Format Printers for Additive Manufacturing Room S403A</td>
</tr>
<tr>
<td>AUTOMATION</td>
<td><strong>NEW! F61:</strong> Estimating and Job Costing for Industry 4.0 - The Science of Costing and the Art of Pricing Room S401D</td>
<td><strong>NEW! F71:</strong> The Full Potential of Automation and Lights-Out Room S401D</td>
<td><strong>NEW! F81:</strong> IoT Solutions to Better Manage Your Assets Room S401D</td>
<td><strong>NEW! F82:</strong> Comparative Cutting Innovations with Tech Tour Room S404A</td>
</tr>
<tr>
<td>CUTTING</td>
<td><strong>NEW! C50:</strong> Lean and Green Cleaning Room S501A</td>
<td><strong>NEW! C60:</strong> Mother Earth Still Needs Our Help Room S501A</td>
<td><strong>NEW! C61:</strong> How It’s Made: Knowing Where Your Powder and Equipment Come From Room S501BC</td>
<td><strong>NEW! C62:</strong> Oven Selection Solved Room S501D</td>
</tr>
<tr>
<td>FINISHING</td>
<td><strong>NEW! C51:</strong> Powder System Design for Success Room S501BC</td>
<td><strong>NEW! C52:</strong> 1K, 2K, New K and Fluid Delivery Methods Room S501BC</td>
<td><strong>NEW! C63:</strong> Effective Safeguarding Risk Assessment Room S502A</td>
<td><strong>NEW! C64:</strong> Lean Tools: Value Stream Mapping - Addressing Differences Between the Office and Shop Floor Room S504BC</td>
</tr>
<tr>
<td>FORMING &amp; FABRICATING</td>
<td><strong>NEW! F63:</strong> Easing PCU Assumptions Room S502A</td>
<td><strong>NEW! F64:</strong> powder Processing: Blanking Techniques and Handling Solutions Room S502B</td>
<td><strong>NEW! F65:</strong> dust Collection for Fabrication Processes Room S502A</td>
<td><strong>NEW! F66:</strong> Accelerated and Combined Laser Cutting and Welding Techniques Room S503B</td>
</tr>
<tr>
<td>LASER</td>
<td><strong>NEW! F67:</strong> The Dark Cloud Behind the Silver Lining: Economy in 2020 Room S404BC</td>
<td><strong>NEW! F68:</strong> sustainable Social Media Strategies Room S405A</td>
<td><strong>NEW! F69:</strong> Estimating and Solving Finishing Defects - See it, Touch It, Fix It Room S501A</td>
<td><strong>NEW! F70:</strong> Lean Tools: A3 Thinking - Developing People &amp; Solving Problems Room S401A</td>
</tr>
<tr>
<td>LEAN</td>
<td><strong>NEW! F71:</strong> Leadership and the Lean Journey Room S401A</td>
<td><strong>NEW! F72:</strong> dust Collection for Fabrication Processes Room S502A</td>
<td><strong>NEW! F73:</strong> Planning for the Future: The New Dawn of Manufacturing and Technology Room S404BC</td>
<td><strong>NEW! F74:</strong> ERP Systems: Selection &amp; Avoiding the ERP Technology Grim Reaper Room S404BC</td>
</tr>
<tr>
<td>MANAGEMENT</td>
<td><strong>NEW! F75:</strong> The Cloud Behind the Silver Lining: Economy in 2020 Room S404BC</td>
<td><strong>NEW! F76:</strong> Planning for the Future: The New Dawn of Manufacturing and Technology Room S404BC</td>
<td><strong>NEW! F77:</strong> The Dark Cloud Behind the Silver Lining: Economy in 2020 Room S404BC</td>
<td><strong>NEW! F78:</strong> Lean Tools: Standard Work for Quality and Improvement Room S405A</td>
</tr>
<tr>
<td>MARKETING &amp; SALES</td>
<td><strong>NEW! F79:</strong> Building a Competitive Advantage: Know What Your Business is Worth and Tax Credit Advantages Room S405A</td>
<td><strong>NEW! F80:</strong> sustainable Social Media Strategies Room S405A</td>
<td><strong>NEW! F81:</strong> dust Collection for Fabrication Processes Room S502A</td>
<td><strong>NEW! F82:</strong> dust Collection for Fabrication Processes Room S502A</td>
</tr>
<tr>
<td>SMART MANUFACTURING</td>
<td><strong>NEW! F83:</strong> Productivity, Performance &amp; Quality Management for Smart Manufacturing Room S402B</td>
<td><strong>NEW! F84:</strong> Quality &amp; Control for Laser Joining Systems Room S403B</td>
<td><strong>NEW! F85:</strong> traditional &amp; Fiber Laser Cutting for High Performance Room S503A</td>
<td><strong>NEW! F86:</strong> Lean Tools: A3 Thinking - Developing People &amp; Solving Problems Room S401A</td>
</tr>
<tr>
<td>STAMPING</td>
<td><strong>NEW! S50:</strong> Materials-1 Room S503A</td>
<td><strong>NEW! S51:</strong> Connectivity-1 Room S503B</td>
<td><strong>NEW! S60:</strong> Materials-2 Room S503A</td>
<td><strong>NEW! S61:</strong> Connectivity-2 Room S503B</td>
</tr>
<tr>
<td>WELDING FABRICATION</td>
<td><strong>NEW! S62:</strong> Materials-2 Room S503A</td>
<td><strong>NEW! S63:</strong> Materials-2 Room S503A</td>
<td><strong>NEW! S64:</strong> Materials-2 Room S503A</td>
<td><strong>NEW! S65:</strong> Materials-2 Room S503A</td>
</tr>
<tr>
<td>WORKFORCE DEVELOPMENT</td>
<td><strong>NEW! W60:</strong> Resistance &amp; Arc Welding For Better Weldability and Hazard Reduction Room S404D</td>
<td><strong>NEW! W61:</strong> Resistance &amp; Arc Welding For Better Weldability and Hazard Reduction Room S404D</td>
<td><strong>NEW! W62:</strong> Resistance &amp; Arc Welding For Better Weldability and Hazard Reduction Room S404D</td>
<td><strong>NEW! W63:</strong> Resistance &amp; Arc Welding For Better Weldability and Hazard Reduction Room S404D</td>
</tr>
<tr>
<td>WELDING</td>
<td><strong>NEW! F214:</strong> Engaging Manufacturing’s Next Generation Through Full Contact Innovation Room S401BC</td>
<td><strong>NEW! F215:</strong> Conflict &amp; Communication For Strong Leadership Room S401BC</td>
<td><strong>NEW! F216:</strong> Leadership Skills &amp; Development Workshop (12:00 PM - 4:30 PM) Room S401BC</td>
<td><strong>NEW! F217:</strong> Leadership Skills &amp; Development Workshop (12:00 PM - 4:30 PM) Room S401BC</td>
</tr>
</tbody>
</table>

### SEMINARS
- W11: AWS Educational Overview of Welding Codes and Standards - Day 1  Room N133  8:00 AM - 5:00 PM
- W12: Applied Welding Metallurgy  Room N226  8:00 AM - 4:00 PM
- W13: AWS’s for Weld Inspection and Test-Taking Tips  Room N131  8:00 AM - 12:00 PM

### CONFERENCES
- W16: 6th International Beam Engineering Conference - Day 1  Room N227B  8:00 AM - 5:00 PM

### PROFESSIONAL PROGRAM
- W24: **SESSION 1:** Solid-State Processes  Rooms N138-N140  8:00 AM - 12:00 PM
- **SESSION 2:** Welding Metallurgy  Rooms N138-N140  8:00 AM - 12:00 PM
- **SESSION 3:** Welding Metallurgy  Rooms N138-N140  8:00 AM - 12:00 PM
- **SESSION 4:** Welding Metallurgy  Rooms N138-N140  8:00 AM - 12:00 PM
- **SESSION 5:** Welding Metallurgy  Rooms N138-N140  8:00 AM - 12:00 PM
- **SESSION 6:** Welding Metallurgy  Rooms N138-N140  8:00 AM - 12:00 PM
- **SESSION 7:** Neural Networks & Machine Learning  Rooms N138-N140  1:40 PM - 5:00 PM
- **SESSION 8:** Additive Manufacturing  Rooms N138-N140  1:40 PM - 5:00 PM
- **SESSION 9:** Additive Manufacturing  Rooms N138-N140  1:40 PM - 5:00 PM

### RWMA SCHOOL
- W22: RWMA Resistance Welding School  Day 1  Room N227A  8:00 AM - 5:00 PM

### EDUCATIONAL SESSIONS
- W29: AWS/Ed-Education Conference - Using Advanced Waveforms in Welding Education  Room N132  9:00 AM - 4:30 PM

### SPECIAL PROGRAMS
- W31: AWS Awards/AWS Foundation Luncheon  Room N228  12:00 PM - 2:00 PM

Detailed Education Program session descriptions, speakers, pricing, room locations and more can be found at fabtechexpo.com/edu.
## WEDNESDAY, NOVEMBER 13

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<thead>
<tr>
<th>TECHNOLOGY</th>
<th>8:00 AM – 9:30 AM</th>
<th>10:00 AM – 11:30 AM</th>
<th>12:00 PM – 1:30 PM</th>
<th>2:00 PM – 3:30 PM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FINISHING</strong></td>
<td>![NEW] C92: Creative Finishing Solutions Room S501D</td>
<td>![NEW] C102: Choose Your Weapon - Finding the Right Liquid Applicator Room S501D</td>
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<tr>
<td><strong>LASER</strong></td>
<td>![NEW] AWF100: Laser Welding Workshop Room S403B</td>
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<tr>
<td><strong>MANAGEMENT</strong></td>
<td>![F97]: Ensuring Tomorrow: How to Effectively Choose and Prepare Your Successor Room S404BC</td>
<td>![NEW] F107: Win the Inner Game: Free Yourself of Overwhelm and See Your Highest Potential Come True Room S404BC</td>
<td></td>
<td>![F127]: Enable the Transition to Next Gen - Family Business Room S404BC</td>
</tr>
<tr>
<td><strong>STAMPING</strong></td>
<td>![NEW] S90: Stamping-1 Room S503A</td>
<td>![NEW] S100: Stamping-2 Room S503A</td>
<td>![NEW] S101: Stamping-3 Room S503A</td>
<td>![NEW] S120: Stamping-4 Room S503A</td>
</tr>
<tr>
<td><strong>WELDING FABRICATION</strong></td>
<td>![NEW] S91: Sensors-1 Room S503B</td>
<td>![NEW] S102: Sensors-2 Room S503B</td>
<td>![NEW] S121: Quality &amp; Tooling Room S503B</td>
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<tr>
<td><strong>WELDING</strong></td>
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<tr>
<td><strong>SEMINARS</strong></td>
<td>W17: AWS Educational Overview of Welding Codes and Standards - Day 2 Room N133</td>
<td>8:00 AM – 9:30 AM</td>
<td>9:30 AM – 10:30 AM</td>
<td>10:30 AM – 11:00 AM</td>
</tr>
<tr>
<td><strong>CONFERENCES</strong></td>
<td>W14: &quot;Welding&quot; Don’t Be Afraid to Ask Room N134</td>
<td>8:00 AM – 9:00 AM</td>
<td>9:00 AM – 10:00 AM</td>
<td>10:00 AM – 11:00 AM</td>
</tr>
<tr>
<td><strong>CAREER PATH WORKSHOPS</strong></td>
<td>W18: Stainless Steel Welding D1.1 Structure Room N132</td>
<td>8:00 AM – 9:00 AM</td>
<td>9:00 AM – 10:00 AM</td>
<td>10:00 AM – 11:00 AM</td>
</tr>
<tr>
<td><strong>PROFESSIONAL PROGRAM</strong></td>
<td>W16: 5th International Electron Beam Conference - Day 2 Room N227B</td>
<td>8:00 AM – 9:00 AM</td>
<td>9:00 AM – 10:00 AM</td>
<td>10:00 AM – 11:00 AM</td>
</tr>
<tr>
<td><strong>RWMA SCHOOL</strong></td>
<td>W22: RWMA Resistance Welding School - Day 2 Room N227A</td>
<td>8:00 AM – 9:00 AM</td>
<td>9:00 AM – 10:00 AM</td>
<td>10:00 AM – 11:00 AM</td>
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</tbody>
</table>

Detailed Education Program session descriptions, speakers, pricing, room locations and more can be found at fabtechexpo.com/edu.
# THURSDAY, NOVEMBER 14

<table>
<thead>
<tr>
<th>TECHNOLOGY</th>
<th>8:00 AM - 9:30 AM</th>
<th>10:00 AM - 11:30 AM</th>
<th>12:00 PM - 1:30 PM</th>
<th>2:00 PM - 3:30 PM</th>
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<tbody>
<tr>
<td>3D/ADITIVE MANUFACTURING</td>
<td>NEW! F130: How MES Transfers Data Efficiently Through The Additive Manufacturing Value Chain &amp; Business Case Method Room S403A</td>
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<tr>
<td>AUTOMATION</td>
<td>NEW! F131: Sensors, Maintenance and Platforms for Leveraging Technology Room S401D</td>
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<tr>
<td>FINISHING</td>
<td>NEW! C130: Power Up and Hang On for Efficiency and Savings Room S501A</td>
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<td></td>
<td>NEW! C131: Using the Dirty Dozen to Optimize Your Powder Coating Room S501BC</td>
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<td></td>
<td>C132: Test for the Best - Best Practices and Measurement Methods for Quality Room S501D</td>
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<tr>
<td>LEAN</td>
<td>NEW! F136: Lean Principle: Science of Lean Culture and Case Studies Room S401A</td>
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<tr>
<td>MANAGEMENT</td>
<td>F137: Making Better Decisions as a Business Leader &amp; Tools for Management Success Room S404BC</td>
<td>NEW! F147: Financing to Enable Growth &amp; Achieve Project Improvement Room S404BC</td>
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<tr>
<td>SMART MANUFACTURING</td>
<td>NEW! F139: Smart Manufacturing to Successfully Implement the Trifecta, All in Real Time Room S402B</td>
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<tr>
<td>WORKFORCE DEVELOPMENT</td>
<td>NEW! F221: How to Win With Personalities &amp; Team Engagement Room S401BC</td>
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<tr>
<td>WELDING</td>
<td>W20: Starting a Welding Inspection Business Room N133</td>
<td>8:00 AM</td>
<td>10:00 AM</td>
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<tr>
<td></td>
<td>W21: Becoming a Certified Welding Accredited Test Facility for Testing Certified Welders Room N134</td>
<td>8:00 AM</td>
<td>11:00 AM</td>
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</tr>
<tr>
<td>PROFESSIONAL PROGRAM</td>
<td>W26: SESSION 17: High-Energy Density Processes Rooms N138-N140</td>
<td>8:00 AM</td>
<td>12:00 PM</td>
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<tr>
<td></td>
<td>SESSION 18: Industrial Technology II Rooms N138-N140</td>
<td>8:00 AM</td>
<td>12:00 PM</td>
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</tr>
</tbody>
</table>

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## EXPERIENCE LEVELS

Use this key along with the Schedule-at-a-Glance to find the education level that meets your needs.

- **Basic**: Recommended for the attendee who is new to the industry or needs a refresher on the topic.
- **Intermediate**: Designed for the attendee who already has a basic understanding of the subject matter.
- **Advanced**: For the attendee with several years of experience who is seeking more in-depth information.

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LASER

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SMART MANUFACTURING

![Schneider Electric Logo]

FINISHING

FORMING & FABRICATING

![Wheelabrator Logo]
Special Events are Free and Open to All Attendees Unless Otherwise Noted

MONDAY, NOVEMBER 11

KEYNOTE PRESENTATION
8:30 AM – 9:45 AM | LOCATION: Lakeside Center Ballroom

FABx TECH TALKS
In honor of Veterans Day, this year’s FABx will feature a powerful lineup of visionary veterans. These are heroes with incredible stories who have gone on to excel in leadership, business, advanced manufacturing, and workforce development. Drawing on their unique experiences, speakers will captivate and inspire audiences with their frontline stories focused on motivation, team building, innovation, and how to achieve excellence in the business battlefield.

FEATURED SPEAKER:

CHAD HENNINGS
Through a nine-year NFL career and three Super Bowl Championships, 45 successful combat missions with the Air Force, and as one of the most decorated college football players in NCAA history, Chad represents the philosophy that he lives by — that excellence is not a destination, but an identity.

LEADERSHIP EXCHANGE
12:30 PM – 1:30 PM | LOCATION: Lakeside Center Ballroom

EMERGING & ADVANCED TECHNOLOGIES FOR MANUFACTURING 2020
Advanced manufacturing is transforming the economy and jobs, using cutting-edge technology and new manufacturing processes to accelerate innovation. Learn how companies are using advanced technologies to stay at the forefront of manufacturing.

MODERATOR: Dave O’Neil, Vice President, SME Media

PANELISTS:
Chandra Brown, CEO, MxD
Jason T. Ray, Co-Founder and CEO, Paperless Parts Inc.
Michael Walton, Industry Solution Executive (Manufacturing), Microsoft
TUESDAY, NOVEMBER 12

KEYNOTE PRESENTATION

8:30 AM – 10:00 AM | LOCATION: Lakeside Center Ballroom

FRANK ABAGNALE, Cybersecurity Expert, Best-selling Author and Subject of Catch Me If You Can

Renowned international cybersecurity and fraud-prevention expert Frank Abagnale — known as one of the world’s most famous con men — will present a two-part keynote. During the first part of his speech, appropriately titled Catch Me If You Can, Abagnale will provide entertaining insight into his life as the notorious imposter of the 1960s. He will then instruct attendees on how to protect themselves and their businesses from fraud during the second part titled the Stealing Your Life.

LEADERSHIP EXCHANGE

12:30 PM - 1:30 PM | LOCATION: Lakeside Center Ballroom

STATE OF THE INDUSTRY: AUTOMATION IN MANUFACTURING

Innovations in robotics and automation have catalyzed the fourth industrial revolution. This panel will explore how automation is changing the manufacturing landscape and cover both the role of technology and people in the future of manufacturing. They will discuss identifying key challenges to implementing automation and developing a pipeline to de-risking technology and implementing it on the factory floor.

MODERATOR: Jay Douglass, COO, ARM

PANELISTS: Tyler Vizek, Project Engineer, MxD
Steve Czajkowski, Head Applications Engineer, Siemens Industry, Inc.
Mingu Kang, CEO, Aris Technology

NETWORKING EVENT

5:30 PM – 7:30 PM | LOCATION: Lakeside Center Ballroom

INDUSTRY NIGHT

Enjoy a fun-filled evening of food, drinks, and networking during our Industry Night Party! The Chicago Blues & Brews themed event will include live blues music, local craft beer tasting, and much more. We expect this to be a sold-out event so be sure to register early. On-site ticket price: $75

MONDAY, NOVEMBER 11 & TUESDAY, NOVEMBER 12

AWS WELDING COMPETITION

LOCATION: BOOTH B17116

Participants will go head-to-head as they complete and clean a single-pass fillet weld in just 5 minutes. Speed and accuracy count, and weldments will be evaluated to the current AWS D1.1 standard by a panel of Certified Welding Inspectors. Those interested in competing must be 18 years or older and weld for a living.
WEDNESDAY, NOVEMBER 13
7:45 AM – 10:00 AM | LOCATION: Room S103

WOMEN OF FABTECH BREAKFAST
Join us for a networking breakfast celebrating the importance of women in the manufacturing sector. This event aims to foster relationships and dialogue between supporters and practitioners in the field. A breakfast buffet is included. Price: $25

PRESENTATIONS

KEEPING UP WITH TECHNOLOGY
MODERATOR: Dan Davis, Editor-in-Chief, The FABRICATOR®
SPEAKERS: Susanne Lauda, Director, Global Advanced Manufacturing Technology, AGCO Corporation
Gretchen Zierick, President, Zierick Manufacturing

STARTING A WOMEN’S INITIATIVE WITHIN YOUR ORGANIZATION
SPEAKERS: Monica Silliman, Manufacturing Engineering Manager, Combine Final Assembly, John Deere Harvester Works
Erin Welken, Manager, Business Process Improvement, Global Agriculture and Turf Supply Management Organization, John Deere

KEYNOTE PRESENTATION
8:30 AM – 9:30 AM | LOCATION: Lakeside Center Ballroom
GRANT IMAHARA, Former Host on Discovery’s “Mythbusters” and Animatronics Engineering Expert
On stage, Grant provides a behind-the-scenes look at his work on various sets and productions while also touching on the importance of advancing the engineering/manufacturing industry. Grant has credits on numerous blockbusters including The Matrix sequels, A.I., Galaxy Quest, Terminator 3, Van Helsing, and Star Wars: Episodes 1-3.

LEADERSHIP EXCHANGE
12:30 PM – 1:30 PM | LOCATION: Lakeside Center Ballroom
THE IMPACT OF DISRUPTIVE TECHNOLOGY AND THE FUTURE OF MANUFACTURING
The pace of innovation is incredibly fast and new things are being discovered daily. As technology has advanced and becomes embedded in plants, warehouses, and throughout the supply chain, businesses have needed to adapt to stay competitive. Many already have, but the path toward digital transformation is different for every company. Come hear our panel of experts cover disruptive technologies from 5G and IoT to AI and robotics and automation, share case studies, and help manufacturers understand and explore the challenges and benefits that implementing these technologies entails.
MODERATOR: John R. Brandt, CEO and Founder, The MPI Group
PANELISTS: Mohamed (Mo) Abuali, Ph.D. Managing Partner, IoTco
Dave Beck, Founder and Managing Partner, Foundry 45
Greg Mark, CEO and Founder, Markforged
Tim Weber, Global Head of 3D Metals, HP 3D Printing
THURSDAY, NOVEMBER 14
LEADERSHIP EXCHANGE
11:00 AM - 12:00 PM | LOCATION: Lakeside Center Ballroom

21ST CENTURY WORKFORCE: BUILDING TOMORROW’S WORKFORCE

Manufacturers in the 21st century must make it a precedence to have a workforce that is educated, diverse, and motivated. Organizations need to produce a more globally competitive workforce that can meet the demands of an evolving digital economy and adapt to the trends and challenges of managing a multi-generational workforce. Come hear our experts share their strategies and some actions to address the challenges for the future.

MODERATOR: Kord Kozma, Global Director of HR, Nidec Press & Automation
PANELISTS: Hernán Luis y Prado, Founder and CEO, Workshops for Warriors
Rob Tessier, National Director of Advanced Fabrication Technologies, Airgas
Dean Steadman, CNC Education Program Manager, FANUC America

MÓNDAY, NOVEMBER 11 - THURSDAY, NOVEMBER 14
SMART MANUFACTURING HUB
LOCATION: Booth A4138

The Smart Manufacturing Hub will feature several advanced manufacturing technologies, including automation, advanced materials, 3D printing, the Industrial Internet of Things (IIoT), 3D scanning, and more. Technical presentations from industry-leading smart technology providers will provide insight on recent developments in this rapidly evolving field.

Sponsored by:

REST AND RECHARGE LOUNGE
LOCATION: 2.0 Level in the North Building (by McDonald’s)

Visit the FABTECH Rest and Recharge Lounge. Relax, recharge and find out more about Zoro. The lounge is open during show hours.

Sponsored by:
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The Engineer's Guide to Design & Manufacturing Advances

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additivemanufacturing.com

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EXPANSION SOLUTIONS

FABRICATING METALWORKING

IMD

IMT International Metal Tube Review

MACHINE TOOLS.com

Manufacturing News

MANUFACTURING TOMORROW

Metal Center News

TechMAG

NOMMA

PHOTONICS MEDIA

THE PULSE OF THE INDUSTRY

tctmag

Today’s MOTOR VEHICLES

TUBE & PIPE Technology

Tube Products International

TRACK & OFF-HIGHWAY ENGINEERING

TRAILER.BODY BUILDERS.

INDUSTRY NIGHT

CHICAGO BLUES & BREWS

Lakeside Center Ballroom, 5:30 - 7:30 PM (Details on page 21)
For almost 90 years, SME has led the charge to advance manufacturing. Then, today, and tomorrow, look to us for the critical technical knowledge and invaluable connections manufacturers need, and the tools to attract, train, and retain the next generation of manufacturing talent.

The SME Zone provides you with FABTECH’s best learning opportunities:

- **Keep up** with technological advances
- **Understand** trends and developments across manufacturing
- **Manage** training while maintaining production
- **Expand** your networks
- **Impact** the image of manufacturing

Discover how SME can help your organization learn, connect and grow. **Visit the SME Zone at booth D46713**
Closing the skilled labor gap matters. Moving manufacturing technology forward matters. Uniting the industry behind common goals and issues matters.

That’s why membership in the Fabricators & Manufacturers Association, Intl.® (FMA) matters. FMA is a driving force behind important research, professional development and training, student engagement, and community building.

Be a part of an evening filled with celebratory gratitude at the first annual FMA Member Appreciation Night during FABTECH week! Enjoy a special thank you for your FMA membership on Wednesday, Nov. 13, 2019, 6:30-9 p.m., at Ditka’s in Chicago. **Register online at fmanet.org/membernight**

**FABTECH**

Visit us at Lakeside Lobby-D Hall
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Cincinnati Inc
Booths A2973, A3839

SAAM HT

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Har-Bach
Booth B35048

Laser Cladding Robotic Cell

Laser Mechanisms Inc
Booth A3364

Laser Mechanisms Direct Deposition Head

MakerBot 3D Printers
Booth A3739

MakerBot METHOD X

Protolabs
Booth A4350

Metal 3D Printing for Production

Tethon 3D
Booth A4241

Bison 1000

Xometry
Booth A4343

Carbon DLS Capabilities

ARC WELDING

Alpha/Omega Energy Solutions
Booth B16103

LeadLock

American Weldquip LLC
Booth B17059

Water-Cooled Torch with Integrated Flow Switch

The Laser Safety Engineers present the Falcon Active Speed Door and the Laser Castle (Laser Cabin) on A1247

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ARC WELDING

**Encompass Machines Inc**
Booth B19104
Low Profile Orbital GTAW System

**Fronius USA LLC**
Booth B27050
TPS 600i Twin

**Miller Electric Mfg LLC**
Booths B19054, B23054
Deltaweld® System with Intellx™ Feeders
Millermatic® 220 AC/DC Multiprocess Welder
Millermatic® 255 Multiprocess Welder

**Weld Engineering Co**
Booth B18035
AS-4 - Electric Flux Recovery
HFH-100-E/P - Heated Auto Flux Hopper/Separator
LAFV-32 & MAFV-32 - OEM Replacement Hopper Valves

**Wire Wizard Welding Products**
Booth B35031
Wire Wizard® Weld Central™ Optimization System

ASSEMBLY

**Beckwood Press Co**
Booth D45161
EVOx Servo-Electric Press Line

**JHP Fasteners Inc**
Booth A3356
RK-4500KS6 KingSet (Auto-Feed Riveting)

**Multipress Inc**
Booth D45054
MSP Bench Top Press

**PFERD INC**
Booth B31017
INOX-TOTAL Brushes

AUTOMATION

**Amada America Inc**
Booth A2103
AMS 3015 CL Automation

**AP&T North America Inc**
Booth D45847
New Generation Control System

**Biele S A**
Booth D45851
Energy Efficiency in Vacuum Stackers
Quality Control in Line for Aluminum Packaging

**Bilsing Automation North America**
Booth A1307
PSB-20 Pneumatic Hot Forming Grippers

**Lasermet Inc**
Booth A1247
ICS-7-OEM - Laser Safety Interlock Controller

**MC Machinery Systems Inc**
Booth A2923
ASTES4 Laser Automation

**Murata Machinery USA Inc**
Booth A4901
Motorum M2044TS with RL1212

**NOXON Automation USA LLC**
Booth D45866
NOXON Automation

**Pandjiris Inc**
Booth B21008
Constant Centerline Low Profile Turning Rolls

**Pemamek LLC**
Booth B35050
PEMA WeldControl

**SafanDarley BV**
Booth A2988
E-Brake 35T Mini Cell

**Shop Floor Automations Inc**
Booth A5174
DataXchange ODI - Operator Data Interface
DataXchange SRC Adapter
RS232 to USB Upgrades

**Toledo Integrated Systems**
Booth D45761
DPPlus 2.0

**BLM Group**
Booths A2153, D46532
3 RUNNER End-Forming Machine
Elect All-Electric CNC Tube Bender
E-TURN All-Electric CNC Tube Bender

**Carell Corporation**
Booth A5743
Corrugated Sheet Rolls
MRM-H Initial Pinch Hydraulic Plate Rolls

**Cherng Ji Industrial Co Ltd**
Booth A6288
Adjustable C/Z Purlin Machine

**DENN - Industrias Puigjaner S.A. - Global Metal Spinning Solutions**
Booth D46373
NTR-25/5.5 Metal Spinning Machine

**Durma North America Inc/Durmazlar/DURMA**
Booth A2934
Blue Bend Panel Bender

**Eagle Bending Machines Inc**
Booth A5743
BA35-CNC Profile Bending Machine
CPS-20 H/V Roll Bending Machine

**Euroboor USA**
Booth B21113
B60 & B60S Bevelers

**HAEUSLER AG Duggingen**
Booth A5319
EVO CNC-4-Roll Plate Bending Machines
Han Jie Machinery Co Ltd
Booth D47171
HC-500LRS-NSM

Herber Engineering AB
Booth D46559
2400S All Electric 4” Boosted CNC Bender

Mate Precision Tooling
Booth A3168
Wila Trumpf Style Press Brake Tooling

MetalForming Inc
Booth A2162
Schröder MAK4 EVO 40/5 UD ATC AHS
Schröder PowerBend Industrial
Schröder PowerBend Professional
Schröder SPB Evolution ATC

Schwarze-Robitec GmbH
Booth D46541
CNC 25 E TB MR

Sen Fung Rollform Machinery Corp
Booth A6225
Stud & Track Roll Forming Machine

Service Lamp Corp
Booth A3592
Philips TrueForce LED Lamp

Star Bend - Star Technology SrL
Booth D46559
Star 450 - 1.75/2” 3-Stack 4-Axis CNC Bender

Steelmax Tools
Booth B33050
ABM50 Double Side Plate Beveling Machine

Tennsmith/Roper Whitney
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COE Press Equipment Corporation
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Express Equipment Delivery

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AXYZ Routers and Knife Systems
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COIL PROCESSING

NORTH AMERICA’S LARGEST METAL FORMING, FABRICATING, WELDING AND FINISHING EVENT
### Cutting

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Superflash Compressed Gas Equipment  
Booth B33077  
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Accurex Measurement Inc  
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Aquasol Corp  
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CM Diagnostics  
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Booth A6419  
Exact Metrology Now Represents GOM CT in U.S.

Fischer Technology Inc  
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Weld Seam Inspection VIRO WSI with New Sensors

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**LASERS**

**Amada America Inc**  
Booth A2103

- 9kW Fiber Laser Cutting System  
- EML 2515 AJ 3kW Fiber Laser/Punch Combination  
- ENSIS 3015 AJ 9kW Fiber Laser Cutting System  
- ENSIS 3015 RI 3kW Fiber Laser Cutting System  
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**BLM Group**  
Booths A2153, D46532

- LC5 Combo Lasertube/Sheet Metal Laser Machine  
- LS5 Flat Sheet Laser Cutting System  
- LT-FREE 5-Axis Laser Cutting Machine  
- LT-FREE 5-Axis Laser Cutting System

**Bystronic Inc**  
Booth A2122

- ByStar Fiber 12kW Laser Cutting System

**Chart Inc**  
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- Trifecta® Pro 30K Gas Supply System

**Cincinnati Inc**  
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**Civan High Power Lasers**  
Booth A4187

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**Cy Laser America**  
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**Durma North America Inc/Durmazlar/DURMA**  
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**Eagle Laser**  
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- Eagle 15kW Fiber Laser

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- Laser Jailer - Active Laser Filter Window  
- SLIC – Screen-operated Laser Interlock Controller

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- Fiber Laser Modules, CORELIGHT® Series YLE 3005/40  
- High-Power Fiber Laser Systems, CORELIGHT® YTK  
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**Mate Precision Tooling**  
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- Mate Laser Technologies Adds More Products

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**Mestek Machinery Inc**  
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**Murata Machinery USA Inc**  
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- Coil-Fed Laser Blanking Generation 2

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- High Power Protective Windows

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- EX-TRABEAM® PRO

**TRUMPF Inc**  
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**United Lens Co**  
Booth A3188

- Laser Debris Shields

**Universal Tool & Engineering**  
Booth D46568

- UTE Select LT-150-4A 3D Laser
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THE BUSINESS OF METAL MANUFACTURING

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MELTING POINT | ADVANCING ROBOTICS | REIMAGINE AUTOMATION

FABRICATINGANDMETALWORKING.COM/SUBSCRIBE
### LUBRICATION

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ECO SERVO PRESS

Midwest Automation
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Niagara Wet Dust Collectors

Newcastle Systems Inc
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QC Series Mobile Powered Workstation

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1-Micron Fiber Laser Optics

TAB Industries LLC
Booth A3384
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Har-Bach
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Hougen Manufacturing Inc
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Accurpress
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Sentinel Plus Automatic - Press Brake Guarding

LVD Strippit
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MC Machinery Systems Inc
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BB306
BB6020 with Videre
BH13530 with Automatic Tool Changer

MVD Makina Sanayi A.S.
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Piranha \ MegaFab
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Xtreme Lift
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- KUKA Robotics Corporation
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- Lasermet Inc
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- ASO Safety Solutions Inc
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- Tri-Mer Corp
  - Booth A5133
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- VANTERM MAKINA San Tic A.S.
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Tru-Cut Saw Inc
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TCT Saw Blades

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data M Sheet Metal Solutions GmbH
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OPERA
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STAMPING

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AMADA ORII SDE-GORIKI

Dees Hydraulic Industrial Co Ltd
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EBway LLC
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Goanwin USA Inc
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Greenerd Press & Machine Company Inc
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Next-Generation Servo Press
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<td><strong>Lucky Harvest Co Ltd</strong>&lt;br&gt;Booth D45376&lt;br&gt;Radiator</td>
<td><strong>Alpine Bender Machinery</strong>&lt;br&gt;Booth D46768&lt;br&gt;Work Cell with Programmable Pick/Place Unloading</td>
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Booth B17108  
TERRAMAX A More Versatile Midstream PFM

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CNC Tube Bending Work Cell and New Servo PDA Boost  
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Technocore Cored Wire

United Abrasives Inc /SAIT  
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Ceramic Fiber Discs  
Linear Polishing Wheels  
OVATION® Stainless High Density Flap Disc  
The Ultimate Grind™ Ceramic TrimBack™ Stainless Flap Disc

voestalpine Bohler Welding USA Inc  
Booth B27068  
Avesta ER308Si/308LSi  
Avesta ER309Si/309LSi  
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FOXcore 46 MC  
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VSM Abrasives Corp  
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Roll Gantry Planisher
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Strong Hand Tools
Booth B35038
Deluxe Magnetic Grasshopper
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Booth B28098
Capacitive Discharge Welder

Tip Tig USA LLC
Booth B21096
Portable All-In-One Field Unit

United Abrasives Inc /SAIT
Booth B29097
9” Portable Saw Blades
100 years ago, the American Welding Society emerged at the behest of President Woodrow Wilson to help serve a national need and “Advance the Science and Art of Welding.” This year, as we celebrate our Centennial anniversary, we acknowledge and thank all the men and women who have been instrumental to the welding industry and the technologies that it represents. We look forward to serving our industry and welding communities for many more years to come!

AWS started in Philadelphia with just 286 members. Today, over 70,000 welding community insiders use AWS membership to advance their careers, connect to our deep technical knowledge base and save on products and services, including AWS certifications, educational programming, technical standards, publications and more.

Experience a century of welding history through artifacts showcased at AWS Booth B27008
FLEXIBLE, EFFECTIVE, FAST, AUTOMATIC, OSCILLATING DEBURRING SYSTEM FOR STAINLESS, ALUMINUM AND OTHER MATERIALS

- NO CRITICAL HEATING OF THE SURFACE
- NO DESTRUCTION OF PROTECTIVE FOIL
- ROUNDING EDGES WITHOUT DAMAGE TO THE SURFACE
- DEBURRING OF 3 DIMENSIONAL PIECES IS POSSIBLE
- ENERGY FRIENDLY
★ Revolutionary VENTIS Fiber Laser with Locus Beam Control

AMADA will introduce the world’s first fiber laser cutting system with Locus Beam Control (LBC). LBC Technology can freely manipulate the laser beam to create an infinite number of locus patterns and greatly enhance cutting performance. In conventional fiber laser cutting systems, energy density reduces as material thickness increases, resulting in a lack of efficiency. In marked contrast, LBC Technology offers flexible beam pattern control matched to each application, while retaining high-efficiency cutting and high energy density. As a result, VENTIS achieves cutting speeds up to 3 times faster than a conventional 4kW fiber laser while producing superior edge quality.

★ AMADA’s latest 9kW Linear Fiber Laser — will be ceremonially unveiled at FABTECH.

★ HRB 1003 ATC — The latest advancement in press brake technology combined with AMADA’s patented Automatic Tool Changer (ATC).

★ HRB 1003 — The new HRB Series of Press Brakes provides an outstanding price-performance ratio.

ENSIS 3015 RI — 3kW Fiber Laser with an integrated Rotary Index enables you to quickly switch from flat cutting to tube or pipe cutting.

EML 2515 AJ — 3kW Punch/Fiber Laser Combination Machine that’s equipped with an innovative multi-purpose turret.


ENSIS 9kW + AMS 3015 CL — ENSIS technology provides continuous processing of thin materials and thick plate without a cutting lens change or manual setup. The AMS 3015 CL is a modular system that allows you to easily expand your automation capabilities as future demands evolve.
# EXHIBITOR LIST

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<td>A6056</td>
<td>262-289-9210</td>
<td>360direct.com/fabtech</td>
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<td><strong>3Arm - Roscamat Division of Eurolink Inc</strong></td>
<td>A4291</td>
<td>740-392-1549</td>
<td>eurolinkinc.com</td>
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<td>415-870-3335</td>
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<td>A3944</td>
<td>216-901-8800</td>
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<td>A4050</td>
<td>614-214-7965</td>
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<td>866-279-1235</td>
<td>3m.com/3M/en_US/metalworking-us</td>
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<td>D46938</td>
<td>708-447-0972</td>
<td>5starengineering.com</td>
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<td><strong>ABB Inc</strong></td>
<td>B17044</td>
<td>248-391-9000</td>
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<td><strong>Abbott Machine Co</strong></td>
<td>A6359</td>
<td>618-466-6800</td>
<td>abbottmachineco.com</td>
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<td>574-753-0471</td>
<td>abcmetals.com</td>
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<td><strong>Abicor Binzel</strong></td>
<td>B19062</td>
<td>301-846-4196</td>
<td>binzel-abicor.com</td>
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<td>abcmetals.com</td>
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<td><strong>Abicor Binzel</strong></td>
<td>B19062</td>
<td>301-846-4196</td>
<td>binzel-abicor.com</td>
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ABIS Inc
Booth A6258
ph: 713-680-2247 | abiscorp.com
Software & Machine Controls

Above Material Technology Co Ltd
Booth B19093
ph: 86-10-8237-1996 | amt-alloys.com

Accra-Wire Controls Inc
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Accu Tech USA
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Accudraft Paint Booths
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Finishing, Safety & Environmental

Accu-Labs Inc
Booth B11055
ph: 773-523-3100 | accu-labs.com

Accurate Die Design Software Inc/
Logopress3
Booth D45561
ph: 262-938-9316 | DieDesignSoftware.com
Software & Machine Controls, Tool & Die

Accurate Technology Inc
Booth D46450
ph: 828-654-7920 | proscale.com
Inspection & Testing, Other Machinery/Equipment/Parts/Products, Saws & Cut-off Machines, Software & Machine Controls, Tube & Pipe Fabricating or Welding

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ph: 610-544-1006 | accurexmeasure.com
Assembly, Inspection & Testing, Robotics

Accurpress
Booth A2980
ph: 877-633-8665 | accurpress.com
Cutting, Press Brakes, Robotics, Tooling

Accushim Inc
Booth A6363
ph: 630-381-0785 | accushim.com
Job Shop/Contract Manufacturing, Maintenance & Repair, Metal Suppliers, Tool & Die

Ace Industrial Products
Booth B37041
ph: 314-385-5178 | aceindustrialproducts.com
Safety & Environmental

Acrotech Inc
Booth A5081
ph: 651-345-3362 | acrotechinc.com

ACT Automotive NA
Booth B15116
ph: 484-898-0257 | actautomotivena.com
Automation, Fastening & Joining, Welding Machines/Equipment

ACT Dust Collectors
Booth B15012
ph: 763-557-7162 | actdustcollectors.com
Other Machinery/Equipment/Parts/Products, Safety & Environmental

ACT Test Panels LLC
Booth B10061
ph: 517-439-1485 | acttestpanels.com
Business Services, Inspection & Testing

ACTY SYSTEM AMERICA INC
Booth A6242
ph: 847-725-0852 | acty-sy.com/us
Software & Machine Controls

ADDere
Booth B17035
ph: 414-327-0000 | mwes.com
Additive Manufacturing/3D Printing/Rapid Prototyping, Automation, Business Services, Robotics, Welding Machines/Equipment

Addison Machine Engineering Inc
Booth D47130
ph: 608-524-6454 | ameinc.com
Tooling, Tube & Pipe Producing

AddUp Inc
Booth A4141
ph: 864-999-0748

ADF Systems Ltd
Booth B11087
ph: 515-332-5400 | adfsystems.com
Finishing, Safety & Environmental

Admiral Steel LLC
Booth D46251
ph: 708-388-9600 | admiralsteel.com

Advance Cutting Systems
Booth A3993
ph: 205-985-8801 | advancecutting.com
Bending/Forming, Coil Processing, Cutting, Material Handling/Marking, Plate & Structural Fabricating, Press Brakes, Software & Machine Controls, Waterjet

Advanced Fabricating Machinery
Booth D46577
ph: 603-642-4906 | advancedfab.com

Advanced Metallurgy Technology Co Ltd
Booth B15100
ph: 86-535-2165171 | amtmetaltech.com

Advanced Robotic Technology
Booth A4086
ph: 61-073-393-6555 | advancedrobotic.com
Other Machinery/Equipment/Parts/Products

Advanced Spiral Technology
Booth A3690
ph: 61-288-581-555 | advspiraltech.com

Advanced Tubular Technologies Inc
Booth D46972
ph: 248-674-2059 | advancedtubular.com
Inspection & Testing, Software & Machine Controls

AEREM – The Andreae Filters
Booth B11034
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Finishing, Safety & Environmental
Aeromet Industries Inc  
Booth A6374  
ph: 219-924-7442 | aerometindustries.com  

Aerospace Engineering Equipment (Suzhou) Co Ltd  
Booth B15101  
ph: 86-512-66018100 | aeespace.com  

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Finishing  

AFFRI Inc  
Booth A3460  
ph: 224-374-0931 | affri.com  

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Booth D47230  
ph: 34-943309009 | afm.es  

Agathon Machine Tools Inc  
Booth D45571  
ph: 203-730-8741 | agathon.ch/  
Tool & Die, Tooling  

AGT Robotics  
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ph: 819-693-9682 | agtrobotics.com/home/  
Business Services, Plate & Structural Fabricating, Robotics  

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Booth A3545  
ph: 610-706-4730 | airproducts.com/welding  
Gases & Gas Equipment  

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Booth B23118  
ph: 919-783-6161 | airpurificationinc.com  
Safety & Environmental  

Air Turbine Tools Inc  
Booth A4339  
ph: 561-994-0500 | airturbinetools.com  

Aimtek Inc  
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ph: 508-832-5035 | aimtek.com  
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Aimtek Inc  
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ph: 630-458-0008 | aimmachines.com  
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ph: 937-237-2382 | aida-global.com  
Stamping  

AIM Computer Solutions  
Booth D45131  
ph: 586-439-0300 | aimcom.com  
Business Services, Software & Machine Controls  

AIM Inc  
Booth D47156  
ph: 630-458-0008 | aimmachines.com  
Bending/Forming, Robotics, Stamping, Tube & Pipe Fabricating or Welding  

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ph: 214-503-8008 | airflowsystems.com
Safety & Environmental

Airgas Inc
Booth B19043
ph: 866-924-7427 | Airgas.com
Gases & Gas Equipment, Safety & Environmental, Welding Consumables, Welding Machines/Equipment

Ajan Elektronik Servis Sanayi Ve Ticaret Ltd St
Booth A2667
ph: 90-232-328-12-02 | ajancnc.com
Lasers, Other Machinery/Equipment/Parts/Products, Plate & Structural Fabricating, Tube & Pipe Fabricating or Welding

Ajax Tocco Magnethermic Corp
Booth D46777
ph: 330-372-8511 | ajaxtocco.com
Brazing & Soldering, Fastening & Joining, Finishing, Other Machinery/Equipment/Parts/Products, Robotics, Thermal Spraying, Tube & Pipe Fabricating or Welding, Tube & Pipe Producing, Welding Machines/Equipment

Aketek Industries
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ph: 46-7099-47900 | aketek.com
Welding Machines/Equipment

AKH Inc
Booth D45056
ph: 317-243-5915 | akhfas-ner.com
Assembly, Bending/Forming, Fastening & Joining, Robotics

AKS Cutting Systems Inc
Booth A4936
ph: 216-267-1818 | akscutting.com
Cutting, Plate & Structural Fabricating, Robotics, Tube & Pipe Fabricating or Welding, Waterjet

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ph: 610-685-7600 | interpon.com
Finishing

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ph: 219-762-2059 | alaindustrieslimited.com
Automation, Other Machinery/Equipment/Parts/Products, Press Brakes, Stamping, Tool & Die

Alabama Laser
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ph: 256-358-9055 | alabama-laser.com
Additive Manufacturing/3D Printing/Rapid Prototyping, Job Shop/Contract Manufacturing, Lasers

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Finishing

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Booth A4084
ph: 905-836-6030 | alcos.com
Coil Processing

Allegro Industries
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Safety & Environmental, Welding Machines/Equipment

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Business Services

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Finishing

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Cutting, Tooling

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Coil Processing, Job Shop/Contract Manufacturing, Plate & Structural Fabricating, Tube & Pipe Producing

Allstrap Steel & Poly Strapping Systems
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Coil Processing, Fastening & Joining, Material Handling/Marking, Safety & Environmental

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alphaomegaenergiesolutions.com

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Arc Welding, Business Services

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<td>Altrac USA</td>
<td>A6368</td>
<td>903-983-3100</td>
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<td>Inspection &amp; Testing, Material Handling/Marking</td>
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<td>AlumaReel USA</td>
<td>B13096</td>
<td>512-229-3400</td>
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<td>Arc Welding, Maintenance &amp; Repair, Safety &amp; Environmental, Welding Consumables, Welding Machines/Equipment</td>
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<td>AM Industrial Group</td>
<td>D46954</td>
<td>216-433-7171</td>
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<td>Other Machinery/Equipment/Parts/Products, Saws &amp; Cut-off Machines, Tube &amp; Pipe Fabricating or Welding</td>
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<td>AM Machinery Sales Inc</td>
<td>A3126</td>
<td>215-293-0333</td>
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<td>Finishing</td>
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<td>AMADA ORII AMERICA INC</td>
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<td>859-746-3318</td>
<td>orimec.com</td>
<td>Inspection &amp; Testing, Bending/Forming, Coil Processing, Material Handling/Marking, Robotics, Stamping</td>
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<td>Ambrell Induction Heating Solutions</td>
<td>A3334</td>
<td>585-889-9000</td>
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<td>Brazing &amp; Soldering, Fastening &amp; Joining, Other Machinery/Equipment/Parts/Products, Welding Machines/Equipment</td>
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<td>American Cutting Edge</td>
<td>A5186</td>
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<td>920-361-5208</td>
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<td>Finishing, Material Handling/Marking</td>
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<td>American Manufacturing Inc</td>
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<td>419-531-9471</td>
<td>buyamericanmanufacturing.com</td>
<td>Business Services, Material Handling/Marking</td>
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<td>American Photonics</td>
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<td>Finishing, Lasers, Waterjet</td>
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<td>American Punch Co</td>
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<td>216-731-4501</td>
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<td>American Society For Nondestructive Testing</td>
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<td>805-874-2242</td>
<td>firmhorn.com</td>
<td>Maintenance &amp; Repair</td>
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<td>AMADA ORII AMERICA INC</td>
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<td>American Technical Publishers</td>
<td>B25094</td>
<td>708-957-1100</td>
<td>atplearning.com</td>
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<td>American Torch Tip Co Inc</td>
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<td>941-753-7557</td>
<td>americantorchtip.com</td>
<td>Cutting, Plate &amp; Structural Fabricating, Robotics, Welding Machines/Equipment</td>
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<td>American Welding Society</td>
<td>B25008</td>
<td>305-443-9353</td>
<td>aws.org</td>
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<td>American Weldquip LLC</td>
<td>B17059</td>
<td>330-239-0317</td>
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<td>Robotics, Welding Consumables, Welding Machines/Equipment</td>
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<td>AMET Inc</td>
<td>B35026</td>
<td>208-356-7274</td>
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<td>Arc Welding, Welding Machines/Equipment</td>
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<td>Amiberica Inc</td>
<td>B11077</td>
<td>773-247-3600</td>
<td>amiberica.com</td>
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<td>AMOB SA</td>
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<td>351-252-330900</td>
<td>amobgroup.com</td>
<td>Robotics, Tube &amp; Pipe Fabricating or Welding</td>
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<td>AMPCO Metal Inc</td>
<td>D47346</td>
<td>847-437-6000</td>
<td>ampcometal.com</td>
<td>Bending/Forming, Metal Suppliers, Thermal Spraying, Welding Consumables</td>
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AMS Controls Inc
Booth A6264
ph: 314-344-3144 l amscontrols.com
Software & Machine Controls

ANAEROBIA
Booth B11043
ph: 248-330-8259 l anaerobia.com
Finishing

Anand Arc Ltd
Booth B12111
ph: 91-224-2688484 l anandarc.com
Welding Consumables

Andersen Industries Inc
Booth B33086
ph: 760-246-8766
andersenmp.com/weldpro-360
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ANDRITZ Herr-Voss Stamco Inc
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Andritz Powerlase
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ph: 86-510-83320918-808 l antra.cn
Welding Machines/Equipment

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ph: 011-86-371-6375-1616

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Stamping, Tooling

APEL International
Booth B15085
ph: 502-240-0443 l apeffilters.com
Finishing, Safety & Environmental

Apex Machine Group
Booth A5308
ph: 952-895-1518 l apexmachinegroup.com
Finishing

Applied Technical Services Inc
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ph: 888-287-5227 l atslab.com
Business Services, Inspection & Testing

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Inspection & Testing, Other Machinery/Equipment/Parts/Products, Welding Consumables, Welding Machines/Equipment

Arc Solutions Inc
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Arc Welding, Automation, Business Services, Maintenance & Repair, Robotics

ARC Specialties Inc
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Arc Welding, Robotics

ArcBoss
Booth B19117
ph: 918-224-6364 l arcboss.com
Arc Welding, Bending/Forming, Material Handling/Marking

Arch Value Solutions
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ArcOne
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Arkansas Elite Welding Academy
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Coil Processing, Finishing

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Business Services

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Armstrong Kover Kwick Inc
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ARNTZ Inc
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Cutting, Saws & Cut-off Machines

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Machines/Equipment

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Manufacturing

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Business Services

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Equipment/Parts/Products

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<tr>
<th>Company</th>
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<td>ASMAG USA Inc</td>
<td>D47127</td>
<td>847-558-4423</td>
<td>asmagus.com</td>
<td>Bending/Forming, Coil Processing, Finishing, Material Handling/Marking, Saws &amp; Cut-off Machines, Tube &amp; Pipe Producing</td>
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<td>Asmith Manufacturing Company</td>
<td>D46264</td>
<td>886-4-23594037</td>
<td>asmith.com.tw</td>
<td>Fastening &amp; Joining, Inspection &amp; Testing, Other Machinery/Equipment/Parts/Products, Punching</td>
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<td>ASO Safety Solutions Inc</td>
<td>A1316</td>
<td>973-586-9600</td>
<td>asosafety.com</td>
<td>Automation, Robotics, Safety &amp; Environmental, Software &amp; Machine Controls</td>
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<td>Assembly Automation Alternatives</td>
<td>A5979</td>
<td>905-605-9200</td>
<td>auto-alt.com</td>
<td>Automation, Lasers, Material Handling/Marking, Welding Machines/Equipment</td>
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<td>Astro Arc Polysoude Inc</td>
<td>B9068</td>
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<td>Arc Welding, Business Services, Robotics, Welding Machines/Equipment</td>
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<td>330-928-7744</td>
<td>atagroup.co</td>
<td>Cutting, Finishing, Tooling</td>
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<td>ATAGO USA</td>
<td>A6077</td>
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<td>atago-usa.com</td>
<td>Inspection &amp; Testing, Other Machinery/Equipment/Parts/Products</td>
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<td>Atea Lazer</td>
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<td>atealazer.com</td>
<td>Job Shop/Contract Manufacturing, Lasers</td>
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<td>440-234-4809</td>
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<td>B15084</td>
<td>615-790-3881</td>
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<td>EHRT North America</td>
<td>A4179</td>
<td>717-909-1813</td>
<td>ehrtnorthamerica.com</td>
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<td>Eidos Ergonomics</td>
<td>B32099</td>
<td>800-210-9666</td>
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<td>EIGEN</td>
<td>D45871</td>
<td>91-804-033889</td>
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<td>Job Shop/Contract Manufacturing, Tool &amp; Die, Tooling</td>
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<td>EJP Maschinen GmbH</td>
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<td>Elcometer Inc</td>
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<td>eldec LLC</td>
<td>B30102</td>
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<td>Elderfield &amp; Hall/Pro-Fusion</td>
<td>B28100</td>
<td>865-671-7682</td>
<td>pro-fusiononline.com</td>
<td>Arc Welding, Tube &amp; Pipe Producing, Welding Consumables</td>
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<td>Electrex Industrial Solutions</td>
<td>D46466</td>
<td>ph: 586-468-7571</td>
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<td>Electron Beam Technologies Inc</td>
<td>B37058</td>
<td>ph: 815-935-2211</td>
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<td>ELG Metals Inc</td>
<td>A3789</td>
<td>ph: 412-672-9200</td>
<td>elg.de</td>
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<td>Elizabeth Carbide Components</td>
<td>D45123</td>
<td>ph: 724-539-3574</td>
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<td>ph: 90-332-2391980</td>
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<td>Elmatec North America Inc</td>
<td>A3146</td>
<td>ph: 574-273-1790</td>
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<td>ph: 513-748-7161</td>
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<td>Enmegi USA Inc</td>
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<td>ph: 201-935-0200</td>
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<td>Encompass Machines Inc</td>
<td>B19104</td>
<td>ph: 803-985-3800</td>
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<td>eNETDNC &amp; Machine Monitoring</td>
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<td>ph: 414-817-7070</td>
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<td>ph: 909-591-1006</td>
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<td>Enhancement Technologies Inc/Sublitex</td>
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<td>Ensitech Inc</td>
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<td>EOS Business Surveillance Solutions</td>
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<td>EnvisionTEC Inc</td>
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<td>A5104</td>
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<td>Epner Technology Inc</td>
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<td>ph: 718-782-5948</td>
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<td>EPSI</td>
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<td><strong>Ergotronix</strong></td>
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<td><strong>ERIEZ</strong></td>
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<td><strong>ErmakUSA/Ermaksan</strong></td>
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<td>Additive Manufacturing/3D Printing/Rapid Prototyping, Lasers, Press Brakes, Punching</td>
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<td><strong>ERS Engineering Corp</strong></td>
<td>A3288</td>
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<td><strong>Ervin Industries</strong></td>
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<td>734-769-4600</td>
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<td><strong>ESAB Welding &amp; Cutting Products</strong></td>
<td>B17087</td>
<td>800-372-2123</td>
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<td>Arc Welding, Cutting, Gases &amp; Gas Equipment, Plate &amp; Structural Fabricating, Software &amp; Machine Controls, Welding Consumables, Welding Machines/Equipment</td>
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<td><strong>ESCO Tool Co</strong></td>
<td>B37069</td>
<td>508-429-4441</td>
<td>escotool.com</td>
<td>Bending/Forming, Cutting, Finishing, Saws &amp; Cut-off Machines, Tooling, Tube &amp; Pipe</td>
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<td><strong>ESMA Incorporated</strong></td>
<td>B15006</td>
<td>708-331-1855</td>
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<td><strong>Euroboor USA</strong></td>
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<td>844-266-8527</td>
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<td>Bending/Forming, Cutting, Machining/EDM, Other Machinery/Equipment/Parts/Products</td>
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<td><strong>Excelsior Hardware &amp; Plastic Co Ltd</strong></td>
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<td>86-755-2950002</td>
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<td><strong>Fabricators &amp; Manufacturers Assoc Intl (FMA)</strong></td>
<td>D46708</td>
<td>815-399-8700</td>
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<td><strong>Fabricator’s Hot Line</strong></td>
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<td>515-574-2261</td>
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Faccin USA Inc  
Booth A4906  
ph: 813-664-8884 | faccin.com  
Bending/Forming, Plate & Structural Fabricating, Stamping

Factory Cat  
Booth A3444  
ph: 800-634-4060 | factorycat.com  
Maintenance & Repair

Fagor Arrasate  
Booths A4586, D46043  
ph: 630-920-0422 | fagorarrasate.com  
Bending/Forming, Coil Processing, Stamping

Fagor Automation Corp  
Booth A1417  
ph: 847-981-1500 | fagorautomation.us

Family Business USA  
Booth A5162  
ph: 877-609-1918 | familybusinessusa.com  
Business Services

FANUC America Corp  
Booths B10020, B27033, D45305  
ph: 248-377-7000 | fanucamerica.com  
Arc Welding, Other Machinery/Equipment/Parts/Products, Robotics

FARO Technologies Inc  
Booth A6145  
ph: 407-333-9911 | faro.com  
Additive Manufacturing/3D Printing/Rapid Prototyping, Inspection & Testing

FASPAR SpA  
Booth A5092  
ph: 39-029-471274 | faspar.it  
Bending/Forming, Coil Processing, Robotics

Fastenal Company  
Booth B35077  
ph: 507-454-5374 | fastenal.com  
Business Services, Cutting, Fastening & Joining, Saws & Cut-off Machines, Welding Consumables

FD Machinery  
Booth D46968  
ph: 216-536-1433 | fdmachinery.com  
Material Handling/Marking, Saws & Cut-off Machines, Tooling, Tube & Pipe Producing

Feed Lease Corp  
Booth D46358  
ph: 248-377-0000 | feedlease.com  
Coil Processing

Fehr Warehouse Solutions Inc  
Booth A3074  
ph: 704-666-8448 | fehr-usa.com  
Business Services, Material Handling/Marking

FEIMEC 2020  
Booth B26115  
ph: 551146-320316 | feimec.com.br

Fein Power Tools Inc  
Booth B31050  
ph: 412-922-8886 | feinus.com  
Cutting, Finishing, Material Handling/Marking, Other Machinery/Equipment/Parts/Products, Saws & Cut-off Machines

FENNE  
Booth D46456  
ph: 860-259-6600 | fenn-torin.com  
Bending/Forming, Robotics, Tool & Die, Tube & Pipe Fabricating or Welding, Tube & Pipe Producing

FeoClean  
Booth B33112  
ph: 61-614-376-90550

Ferrato Davide SAS  
Booth A6259  
ph: 39-49-630360 | ferratodavide.it  
Cutting, Job Shop/Contract Manufacturing, Metal Suppliers

Festo Corp  
Booth A1414  
ph: 631-435-0800 | us.festo.com/us  
Automation, Safety & Environmental

Fibro Inc  
Booth D45558  
ph: 800-523-2376 | fibroinc.com  
Machining/EDM, Other Machinery/Equipment/Parts/Products, Tool & Die, Tooling

Ficep Corporation  
Booth A2961  
ph: 410-588-5800 | ficepcorp.com  
Cutting, Plate & Structural Fabricating, Punching, Robotics

Fleissler Elektronik GmbH & Co  
Booth A3344  
ph: 497119196970 | fiessler.de  
Safety & Environmental, Software & Machine Controls

FilamentPM  
Booth A4154  
ph: 1420-585100308

Fireball Tool Works LLC  
Booth B19110  
ph: 509-904-1447 | fireballtool.com

Fischer Technology Inc  
Booth B10026  
ph: 860-683-0781 | fischer-technology.com  
Inspection & Testing

FIT RITE Systems LLC  
Booth B20099  
ph: 813-810-6266 | fitritefast.com  
Fastening & Joining, Maintenance & Repair, Material Handling/Marking, Tube & Pipe Fabricating or Welding

Fixes  
Booth D46454  
ph: 390522481211 | fivesgroup.com  
Coil Processing, Inspection & Testing, Material Handling/Marking, Saws & Cut-off Machines, Tube & Pipe Producing

Fladder-Hansen & Hündebol Inc  
Booth A3793  
ph: 770-452-1271  
Finishing

FF Journal/Modern Metals  
Booth A3390  
ph: 312-654-2300 | ffjournal.net  
Business Services
Flame Technologies Inc  
Booth B37030  
ph: 512-219-8481 | FlameTechnologies.com  
Brazing & Soldering, Cutting, Gases & Gas Equipment, Plate & Structural Fabricating

Flange Wizard Inc  
Booth B37024  
ph: 714-792-1949 | flangewizard.com  
Arc Welding, Cutting, Plate & Structural Fabricating

FlashCut CNC  
Booth A5164  
ph: 847-940-9305 | flashcutcnc.com  
Plate & Structural Fabricating, Software & Machine Controls, Tube & Pipe Fabricating or Welding

Flex Trim USA  
Booth B11035  
ph: 855-437-3390 | flex-trimusa.com  
Finishing

FlexArm Inc  
Booth A3254  
ph: 800-837-2503 | flexarminc.com  
Machining/EDM, Other Machinery/Equipment/Parts/Products

Flexovit USA Inc  
Booth B33018  
ph: 716-549-5100 | flexovitabrasives.com  
Cutting, Finishing, Saws & Cut-off Machines

Flight Industrial Co Limited  
Booth D45058  
ph: 86-574-83026316 | clamp-toggle.com  
Automation

Flow International Corp  
Booth A4931  
ph: 253-850-3500 | flowwaterjet.com  
Waterjet

Flowdrill Inc  
Booth A3526  
ph: 636-548-8485 | flowdrill.com  
Fastening & Joining, Machining/EDM, Other Machinery/Equipment/Parts/Products

FluidForming Americas  
Booth D46352  
ph: 615-374-9500 | ffamericas.com  
Hydroforming, Job Shop/Contract Manufacturing

FMT  
Booths A6177, A6327  
ph: 800-878-8011 | fmtinc.com

FOCUS GmbH  
Booth B13103  
ph: 04961-2640140 | forocus-e-welding.com  
Finishing, Job Shop/Contract Manufacturing, Welding Machines/Equipment

FomUSA  
Booth A5331  
ph: 234-248-4400 | fomgroupusa.com

Formdrill USA Inc  
Booth A3259  
ph: 773-290-1040 | formdrill-usa.com  
Lubrication, Tooling

Formlabs  
Booth A4146  
ph: 617-932-5227 | formlabs.com  
Additive Manufacturing/3D Printing/Rapid Prototyping, Business Services

Formtek Inc  
Booth A3975  
ph: 216-292-4460 | formtekgroup.com  
Bending/Forming, Coil Processing, Saws & Cut-off Machines, Tube & Pipe Fabricating or Welding, Tube & Pipe Producing

FORMTEK-ME  
Booth D45141  
ph: 207-426-2351 | FORMTEKMAINE.com  
Coil Processing

Forney Industries Inc  
Booth B21107  
ph: 800-521-6038 | forneyind.com

Fortech Products Inc  
Booth D45147  
ph: 248-446-9500 | forttechproducts.com

Foshan Beyond Laser Technology Co Ltd  
Booth A5784  
ph: 86-075-76683933 | hsglaser.com  
Lasers, Other Machinery/Equipment/Parts/Products, Tube & Pipe Fabricating or Welding, Welding Machines/Equipment

Foshan Sanqiao Welding Industrial Co Ltd  
Booth B16102  
ph: 86-757-8572186 | sanqiaoco.com  
Welding Machines/Equipment

Fostoria Process Equipment div of TPI Corp  
Booth B14068  
ph: 423-477-4131 | fostoriaprocessequipment.com  
Finishing

FPT Industrie SpA  
Booth B25108  
ph: 39 041 5768111 | fptindustrie.com  
Welding Machines/Equipment

Frank Lowe  
Booth B11081  
ph: 631-777-2707 | franklowlowe.com  
Finishing, Job Shop/Contract Manufacturing, Material Handling/Marking

Franklin Mfg Inc  
Booth A5109  
ph: 256-277-0138 | franklinmanufacturing.com  
Arc Welding, Cutting, Plate & Structural Fabricating, Punching

Fraunhofer USA Center for Laser Applications  
Booth A3841  
ph: 734-738-0520 | cla.fraunhofer.org  
Additive Manufacturing/3D Printing/Rapid Prototyping, Business Services, Job Shop/Contract Manufacturing, Lasers

FreePoint Technologies Inc  
Booth A3656  
ph: 800-682-0486 | getfreepoint.com  
Software & Machine Controls

Fremont Automation  
Booth A1342  
ph: 402-533-8003 | fremontautomation.com
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<td>800-236-8450</td>
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<td>Safety &amp; Environmental</td>
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<td>fusion-inc.com</td>
<td>Assembly, Brazing &amp; Soldering, Fastening &amp; Joining</td>
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<td>Additive Manufacturing/3D Printing/Rapid Prototyping</td>
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<td>Fuzhou YIN TOU Precise</td>
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<td>000026274211</td>
<td>yintou.net</td>
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<td>Galv-Pro Products</td>
<td>B16116</td>
<td>313-268-5162</td>
<td>galv-pro.com</td>
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<td>Gas Lens Galore</td>
<td>B19116</td>
<td>216-359-3313</td>
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<td>Arc Welding, Welding Consumables, Welding Machines/Equipment</td>
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<td>Gasparini SpA</td>
<td>A5070</td>
<td>39 041 5790111</td>
<td>gasparini-spa.com</td>
<td>Bending/Forming, Tube &amp; Pipe Fabricating or Welding, Tube &amp; Pipe Producing</td>
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<td>GAWDA</td>
<td>B33080</td>
<td>954-367-7728</td>
<td>gawda.org</td>
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<td>GE Mathis Co</td>
<td>A3361</td>
<td>773-586-3800</td>
<td>gemathis.com</td>
<td>Job Shop/Contract Manufacturing</td>
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<td>GE Schmidt Inc</td>
<td>B28096</td>
<td>513-489-5130</td>
<td>geschmidt.com</td>
<td>Resistance Welding, Welding Consumables, Welding Machines/Equipment</td>
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<td>Gem Tool Corporation</td>
<td>D46424</td>
<td>414-762-1545</td>
<td>gemtoolcorp.com</td>
<td>Cutting, Finishing, Tooling</td>
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<td>Gema USA Inc</td>
<td>B13034</td>
<td>317-298-5000</td>
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<td>Gema</td>
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<td>419-625-6055</td>
<td>gcf.finishing.com</td>
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**Additional Companies**

- **Genesis Systems IPG Photonics Company**
  - Booths B23038, B31053
  - Phone: 563-445-5600 | genesis-systems.com
  - Arc Welding, Automation, Lasers, Robotics

- **Geneva Capital LLC**
  - Booth A4055
  - Phone: 320-762-8400 | gogc.com

- **Genius ERP**
  - Booth A3560
  - Phone: 877-987-6005 | geniuserp.com
  - Software & Machine Controls

- **Genstar Technologies Co Inc (GENTEC)**
  - Booth B33034
  - Phone: 909-606-2726 | gentec.com
  - Plate & Structural Fabricating, Welding Machines/Equipment

- **Gentec Electro-Optics Inc**
  - Booth A3842
  - Phone: 418-651-8003 | gentec-eo.com
  - Additive Manufacturing/3D Printing/Rapid Prototyping, Lasers, Robotics

- **George A Mitchell Co**
  - Booth D47239
  - Phone: 330-758-5777 | mitchellmachinery.com
  - Tooling, Tube & Pipe Fabricating or Welding, Tube & Pipe Producing

- **George Koch Sons**
  - Booth B15015
  - Phone: 812-465-9672 | kochllc.com
  - Business Services, Finishing, Material Handling/Marking, Safety & Environmental

- **German Pavilion**
  - Booth B13101
  - Phone: 49 711 18560 2567 | fabtech.german-pavilion.com
  - Business Services
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<td>GH Induction Atmospheres LLC</td>
<td>B24093</td>
<td>585-368-2120</td>
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<td>Gibbs Metals</td>
<td>D45049</td>
<td>860-621-0121</td>
<td>gibbswire.com</td>
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<td>D45155</td>
<td>805-523-0004</td>
<td>dsysystems.com/software/gibbscam</td>
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<td>GIE Media Inc</td>
<td>A6217</td>
<td>330-523-5400</td>
<td>onlineAMD.com</td>
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<td>Glen Dimplex Thermal Solutions</td>
<td>A3798</td>
<td>269-349-6800</td>
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<td>Global Finishing Solutions</td>
<td>B13038</td>
<td>800-848-8738</td>
<td>globalfinishing.com</td>
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<tr>
<td>Global Saw</td>
<td>B32100</td>
<td>81-72-2255198</td>
<td>motoyuki.co.jp</td>
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<tr>
<td>Globe Metal</td>
<td>A4155</td>
<td>800-700-6382</td>
<td>globemetal.com</td>
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<td>GMA Garnet</td>
<td>A5134</td>
<td>832-243-9300</td>
<td>garnetsales.com</td>
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<td>Goanwin USA Inc</td>
<td>D46377</td>
<td>312-451-9899</td>
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<td>Goff Inc</td>
<td>B12079</td>
<td>405-278-6207</td>
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<td>Golden Eagle Minmetals (Beijing) Welding Materials Co Ltd</td>
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<td>86-10-8072 2993</td>
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<td>Golden Spot Machinery (Taicang) Co Ltd</td>
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<td>goldspot.com.cn</td>
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<td>Gorbel Inc</td>
<td>A3574</td>
<td>585-924-6262</td>
<td>gorbel.com</td>
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<td>Goss Inc</td>
<td>B34058</td>
<td>412-486-6100</td>
<td>gossonline.com</td>
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<td>Gripnail - Fastening Systems</td>
<td>A5176</td>
<td>401-216-7900</td>
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<td>Green Valley Manufacturing Inc</td>
<td>D45226</td>
<td>217-864-4125</td>
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<td>Greenerd Press &amp; Machine Company Inc</td>
<td>D45458</td>
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<td>A5176</td>
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<td>Grotenes Inc</td>
<td>A5068</td>
<td>269-262-4700</td>
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<td>Gruber Tool &amp; Die Inc</td>
<td>D45130</td>
<td>262-338-8197</td>
<td>grubertool.com</td>
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<td>GSM America Inc</td>
<td>B21006</td>
<td>336-886-1847</td>
<td>gsmotion.com</td>
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<td>Guangdong TopZone Tooling Co Ltd</td>
<td>D45766</td>
<td>86 180 2532 4519</td>
<td>topzonetooling.com/en/</td>
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Gudel Inc
Booth B35069
ph: 734-214-0000 | gudel.com/us
Business Services, Robotics, Stamping

Guild International
Booth D46957
ph: 440-232-5887 | guilder.com

Guilin Mingfu
Booth B16095
ph: 86-773-3681066 | mfmetal.com.cn
Brazing & Soldering

Gulco International
Booth B33023
ph: 440-439-8333 | gulco.com
Arc Welding, Bending/Forming, Cutting, Welding Machines/Equipment

H&M Pipe Beveling Machine Co Inc
Booth B22006
ph: 918-582-9984 | hmpipe.com
Bending/Forming, Cutting, Material Handling/Marking, Saws & Cut-off Machines

H2O JET Inc
Booth A6107
ph: 360-866-7161 | waterjetparts.com
Waterjet

Haas Automation Inc
Booth A6331
ph: 805-278-1800 | haascnc.com
Machining/EDM, Other Machinery/Equipment/Parts/Products, Software & Machine Controls, Tooling

Haberle/Ken Bergman & Assoc LLC
Booth A3281
ph: 800-956-1313 | haberleusa.com
Cutting, Finishing, Saws & Cut-off Machines

Haco-Atlantic Inc
Booth A2984
ph: 281-445-3985 | hacoatlantic.com

Haeger Inc A PennEngineering Company
Booth A4513
ph: 209-848-4000 | haeger.com
Fastening & Joining, Other Machinery/Equipment/Parts/Products, Press Brakes, Punching

Han’s Laser Corp
Booth A6116
ph: 408-774-9428

Han’s Laser Smart Equipment Group
Booths A3939, A6531
ph: 408-774-9428 | hansme.net

Hans Weber Sales and Service Corp
Booth A3368
ph: 913-254-1611 | weberamerica.com
Finishing

Hanson Rivet & Supply Co
Booth A6234
ph: 818-485-0500 | hansonrivet.com
Assembly, Automation, Fastening & Joining

HafeirVac
Booth B12067
ph: 201-447-0433 | hafcovac.com
Finishing, Maintenance & Repair, Safety & Environmental

Hafendorfer Machine Inc
Booth A5020
ph: 502-244-3669 | hafendorfer.com
Job Shop/Contract Manufacturing

Hann.Jie Machinery Co Ltd
Booth D47171
ph: 000005931645 | hanjie.com.tw
Tube & Pipe Fabricating or Welding

Hans Weber Sales and Service Corp
Booth A3368
ph: 913-254-1611 | weberamerica.com
Finishing

Hammer Presses by EDPS
Booth D45271
ph: 86-574-59128933

Han Jie Machinery Co Ltd
Booth D47171
ph: 000005931645 | hanjie.com.tw
Tube & Pipe Fabricating or Welding

Hangzhou Grand Imp & Exp Co Ltd
Booth A3596
ph: 0086-571-86028801 | grandind.com
Other Machinery/Equipment/Parts/Products, Plate & Structural Fabricating

Hangzhou Sikan Technology Co Ltd
Booth A6143
ph: 86-571-85370380 | 3d-scantech.com
Additive Manufacturing/3D Printing/Rapid Prototyping

Hangzhou Xiangsheng Abrasive Machine Manufacturing Co Ltd
Booth A5915
ph: 604-525-7676 | jonsensander.com | xs-sander.com
Coil Processing, Finishing

Har-Bach
Booth B35048
ph: 281-440-1725 | har-bach.com
Arc Welding, Lasers, Material Handling/Marking, Robotics, Software & Machine Controls, Welding Consumables

Harbert’s Products Inc/Allied Flux Reclaiming Ltd
Booth B27080
ph: 717-597-1748 | harbertsproducts.com
Arc Welding, Welding Consumables, Welding Machines/Equipment

Harmonic Drive LLC
Booth A1338
ph: 978-532-1800 | harmonicdrive.net
Software & Machine Controls

Harris Products Group
Booth B19030
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<td>Haven Manufacturing Corp</td>
<td>D47053</td>
<td>912-265-7536</td>
<td>havencut.com</td>
<td>Finishing, Inspection &amp; Testing, Material Handling/Marking, Saws &amp; Cut-off Machines, Tube &amp; Pipe Fabricating or Welding</td>
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<td>HBS Stud Welding Partners</td>
<td>B37048</td>
<td>562-923-7883</td>
<td>studweldprod.com</td>
<td>Arc Welding, Fastening &amp; Joining, Robotics</td>
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<td>Hebei Matson Metal Tech Co Ltd</td>
<td>D45156</td>
<td>86-134-83691248</td>
<td>matsoncorp.com</td>
<td>Business Services, Job Shop/Contract Manufacturing, Other Machinery/Equipment/Parts/Products</td>
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<td>Heck Industries</td>
<td>A3546</td>
<td>810-632-5400</td>
<td>heckind.net</td>
<td>Bending/Forming, Cutting, Finishing, Other Machinery/Equipment/Parts/Products/Products, Tube &amp; Pipe Fabricating or Welding</td>
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<td>Hefei Metalforming Intelligent Manufacturing Co Ltd</td>
<td>D45653</td>
<td>86 551 65132826</td>
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<td>Heiko Machine</td>
<td>D47326</td>
<td>765-561-4539</td>
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<td>Material Handling/Marking, Saws &amp; Cut-off Machines, Tube &amp; Pipe Fabricating or Welding</td>
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<td>Heim Group The</td>
<td>D45330</td>
<td>708-496-7400</td>
<td>theheimgroup.com</td>
<td>Assembly, Material Handling/Marking, Tool &amp; Die</td>
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<td>Helm Instrument Co Inc</td>
<td>D45151</td>
<td>419-893-4356</td>
<td>helminstrument.com</td>
<td>Automation, Inspection &amp; Testing, Safety &amp; Environmental, Software &amp; Machine Controls</td>
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<td>Help Lightning Inc</td>
<td>A6326</td>
<td>800-651-8054</td>
<td>helplighting.com</td>
<td>Additive Manufacturing/3D Printing/Rapid Prototyping, Business Services, Maintenance &amp; Repair, Robotics</td>
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<td>HEM Inc</td>
<td>A6350</td>
<td>918-825-4821</td>
<td>hemsaw.com</td>
<td>Cutting, Lubrication, Material Handling/Marking, Saws &amp; Cut-off Machines, Welding Consumables</td>
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<td>Henan Huamao Metal Materials Co Ltd</td>
<td>B26094</td>
<td>86-371-6580230</td>
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<td>Henan Xinxing Arts and Crafts I/E Co Ltd</td>
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<td>86-13938545122</td>
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<td>Henkel Corp</td>
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<td>bonderite.com</td>
<td>Fastening &amp; Joining, Finishing</td>
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<td>A4488</td>
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<td>Hentzen Coatings Inc</td>
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<td>414-353-4200</td>
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<td>Heraeus Noblelight LLC</td>
<td>B11038</td>
<td>678-835-5764</td>
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<td>\textbf{Herber Engineering AB}</td>
<td>D46559</td>
<td>460370-699550</td>
<td>herber.se</td>
<td>Robotics, Tube &amp; Pipe Fabricating or Welding</td>
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<td>Heron Intelligent Equipment Co Ltd</td>
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<td>A3508</td>
<td>401-886-2242</td>
<td>HexagonMI.com</td>
<td>Inspection &amp; Testing, Other Machinery/Equipment/Parts/Products</td>
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<td>Heyco Metals Inc</td>
<td>D45364</td>
<td>610-926-4131</td>
<td>heycometals.com</td>
<td>Metal Suppliers</td>
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<td>HGG Profiling Equipment BV</td>
<td>B29094</td>
<td>330-461-6855</td>
<td>hgg-group.com</td>
<td>Cutting, Material Handling/Marking, Plate &amp; Structural Fabricating, Tube &amp; Pipe Fabricating or Welding</td>
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<td>Hi Temp Products</td>
<td>B26116</td>
<td>780-424-1829</td>
<td>hitemp.ca</td>
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<td>Hifly Tool</td>
<td>D46265</td>
<td>86-0574-86105200</td>
<td>hiflytool.com</td>
<td>Job Shop/Contract Manufacturing, Tooling</td>
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<td>Hilma By Carr Lane Roemheld</td>
<td>D45857</td>
<td>636-386-8022</td>
<td>hilma-usa.com</td>
<td>Assembly, Material Handling/Marking, Tool &amp; Die</td>
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<td>Hindustan Pressings Pvt Ltd</td>
<td>D45154</td>
<td>91-206-7103535</td>
<td>hppindia.com</td>
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<td>Hitachi Metals America</td>
<td>D45044</td>
<td>847-364-7200</td>
<td>diehlsteel.com</td>
<td>Metal Suppliers</td>
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<td>Hiwin Corporation</td>
<td>A1403</td>
<td>847-827-2270</td>
<td>hiwin.com</td>
<td>Robotics, Software &amp; Machine Controls</td>
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HK Laser & Systems
Booth A2948
ph: 630-916-0200 | hk-us.com
Lasers, Press Brakes

HLC Metal Parts Ltd
Booth D4057
ph: 86-769-82019916 | hlc-metalparts.com

HMS Products Co
Booth D45125
ph: 248-689-8120 | hmsproducts.com
Business Services, Material Handling/Marking, Stamping, Tooling

Hobart Brothers
Booth B23054
ph: 937-332-4000 | hobartbrothers.com
Welding Consumables

Hobart Institute of Welding Technology
Booth B20006
ph: 937-332-9500 | welding.org
Business Services

Hollbrit Inc
Booth A1452
ph: 905-665-8812 | hollbrit.com
Arc Welding, Robotics, Welding Machines/Equipment

Honsberg America Corporation
Booth B13104
ph: 847-690-9714 | honsbergamerica.com

Honsberg Metallsagen GmbH
Booth B13104
ph: 492191373770 | honsberg.de
Cutting, Saws & Cut-off Machines

Horn Machine Tools Inc
Booth D46538
ph: 559-431-4131 | hornmachinetools.com
Lasers, Tube & Pipe Fabricating or Welding

Hornet Cutting Systems
Booth A4580
ph: 316-755-3683 | hornetscs.com
Cutting, Material Handling/Marking, Other Machinery/Equipment/Parts/Products, Plate & Structural Fabricating, Safety & Environmental, Tube & Pipe Fabricating or Welding, Waterjet

Hougen Manufacturing Inc
Booth A3303
ph: 810-635-7111 | hougen.com
Cutting, Machining/EDM, Maintenance & Repair

HP
Booth A3638
ph: 34-618-184093 | hp.com/go/3dprint

HTM Sensors
Booth D45063
ph: 800-644-1756 | htm-sensors.com

HUB Industrial
Booth A3461
ph: 800-743-9401 | hubindustrial.com
Business Services, Cutting, Finishing

Hubbard-Hall Inc
Booth B12059
ph: 866-441-5831 | hubbardhall.com
Finishing, Safety & Environmental

Husky Rack & Wire
Booth A4552
ph: 704-483-1900 | huskyrackandwire.com/cherry-services/machine-guarding
Safety & Environmental

Hutchison Tool Sales Co
Booth D45768
ph: 630-766-2585 | hutchisontool.com
Automation, Fastening & Joining, Machining/EDM, Tool & Die

Huth Ben Pearson International LLC
Booth D46426
ph: 262-673-9440 | huthbenders.com
Tube & Pipe Fabricating or Welding

IAP Air Products
Booth B28121
ph: 931-372-0050 | iap-airproducts.com
Other Machinery/Equipment/Parts/Products, Robotics, Safety & Environmental, Welding Machines/Equipment

Ideal Welding Systems LP
Booth B33054
ph: 815-874-4349 | idealweld.com
Coil Processing, Resistance Welding, Robotics

Hydraulico AS
Booth D45664
ph: 45-87802000 | hydraulico.com
Bending/Forming, Business Services, Maintenance & Repair, Stamping

Hydro Tube Enterprises Inc
Booth D46966
ph: 440-774-1022 | hydrotube.com

HYMSON
Booth A4396
ph: 86-051-982990888 | en.hymson-laser.com
Lasers, Material Handling/Marking, Tube & Pipe Fabricating or Welding, Welding Machines/Equipment

Hypertherm
Booths A4912, A5015, B17026

Hy-Tech Engineered Solutions
Booth B23116
ph: 724-776-6800 | hy-techinc.com

IAP Air Products
Booth B28121
ph: 931-372-0050 | iap-airproducts.com
Other Machinery/Equipment/Parts/Products, Robotics, Safety & Environmental, Welding Machines/Equipment

IAP Air Products
Booth B28121
ph: 931-372-0050 | iap-airproducts.com
Other Machinery/Equipment/Parts/Products, Robotics, Safety & Environmental, Welding Machines/Equipment

Ideal Welding Systems LP
Booth B33054
ph: 815-874-4349 | idealweld.com
Coil Processing, Resistance Welding, Robotics
variable_1

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<td>IFS Coatings Inc</td>
<td>B15026</td>
<td>940-668-1062</td>
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<td>D46256</td>
<td>248-398-9100</td>
<td>ionbond.com</td>
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<td>IHT Automation GmbH &amp; Co KG</td>
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<td>49 7221 39419</td>
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<td>A3316</td>
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<td>IKO International Inc</td>
<td>A1408</td>
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<td>Ikra Makina San Ve Tic AS</td>
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<td>39-023-4560522</td>
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<td>IMC Marks</td>
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<td>IMO USA Corp</td>
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<td>Industrial Magnetics Inc</td>
<td>A3332</td>
<td>231-582-3100</td>
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<td>Industrial Solutions &amp; Innovation LLC</td>
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<td>A3177</td>
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Industrial Machinery Digest

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INNOVO Corporation
Booth D46458
ph: 847-616-0063 | innovo.us
Saws & Cut-off Machines, Tube & Pipe
Fabricating or Welding

INSPECTECH
Booth D47328
ph: 416-757-1179 | inspectech.ca
Inspection & Testing

Integrity Metal Finishing Supplies
Booth B12072
ph: 562-448-3283 | integritymfs.com

INTEK Corporation
Booth B15004
ph: 636-584-8500 | intekcorp.com
Finishing, Material Handling/Marking, Other
Machinery/Equipment/Parts/Products

IntelliFinishing
Booth B15041
ph: 785-309-0356 | intellifinishing.com
Business Services, Finishing, Material Handling/Marking, Robotics

Intercon Enterprises Inc
Booth B20008
ph: 800-665-6655 | intercon1978.com
Gases & Gas Equipment, Inspection & Testing, Material Handling/Marking, Welding Consumables, Welding Machines/Equipment

International Knife & Saw Inc
Booth A3308
ph: 843-662-6345 | iksinc.com
Cutting, Saws & Cut-off Machines, Tooling

International Technologies Inc
Booth A3528
ph: 847-301-9005
international-technologies.com
Bending/Forming, Lasers, Press Brakes, Resistance Welding

International Welding Technologies Inc
Booth B37053
ph: 856-435-8004 | iwtmarketplace.com
Arc Welding, Fastening & Joining, Welding Machines/Equipment

INTERTEK
Booth B10034
ph: 800-967-5352 | intertek.com/industrial
Business Services

InterTest
Booth B20094
ph: 908-496-8008 | intertest.com
Arc Welding, Inspection & Testing, Software & Machine Controls, Welding Machines/Equipment

Into-N2 LLC
Booth A5188
ph: 775-267-3035 | into-n2.com
Gases & Gas Equipment, Lasers, Welding Consumables

Iowa Area Development Group
Booth B18006
ph: 515-777-7304 | iadg.com
Business Services

IP Automation Inc
Booth D47228
ph: 630-656-1215 | ipautomationinc.com
Bending/Forming, Finishing, Resistance Welding, Robotics

IPCM - International Paint & Coating Magazine
Booth B11082
ph: 39-0362-503215 | ipcm.it/en/home/
Business Services

IPG Photonics
Booth B19038
ph: 508-373-1100 | ipgphotonics.com
Cutting, Finishing, Lasers, Other Machinery/Equipment/Parts/Products, Resistance Welding, Robotics, Tube & Pipe Producing, Welding Machines/Equipment

IPG Photonics
Booth B19038
ph: 508-373-1100 | ipgphotonics.com
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ISOtunes
Booth B12115
ph: 317-740-0419 | isotunes.com

IST International Surface Technologies
Booth B14008
ph: 877-629-8202 | istsurface.com
Finishing

Italmac USA Inc
Booth A6270
ph: 574-243-0217 | italmac-usa.com
Cutting, Machining/EDM, Other Machinery/Equipment/Parts/Products, Saws & Cut-off Machines, Waterjet

ITEC - Innovative Tube Equipment Corporation
Booth D46559
ph: 866-574-8823 | tube-equipment.com
Lasers, Robotics, Software & Machine Controls, Tube & Pipe Fabricating or Welding

IVEC Systems
Booth B29108
ph: 866-670-4832 | ivecsystems.com
Safety & Environmental

IXS Coatings
Booth B11074
ph: 713-466-0302 | ixsc coatings.com
Finishing, Robotics

Iron Age Footwear
Booth B20100
ph: 314-721-8500 | iron-agefootwear.com

Ironworker Management Progressive Action Cooperative Trust
Booth B37014
ph: 202-393-1147 | impact-net.org

ISB
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ph: 724-932-3101 | jamestowncoatings.com
Finishing

Jarvis Cutting Tools
Booth D45029
ph: 603-332-9000 | jarviscuttingtools.com
Cutting, Job Shop/Contract Manufacturing, Robotics, Tool & Die, Tooling

JASIC Technologies America Inc
Booth B82908
ph: 253-859-6277 | razorweld.com

JAZ Brush USA Inc
Booth B23092
ph: 877-529-8721 | jazusa.com
Finishing, Saws & Cut-off Machines

JD Squared Inc
Booth A5719
ph: 423-979-0309 | jd2.com
Plate & Structural Fabricating, Software & Machine Controls, Tube & Pipe Fabricating or Welding

Jepson Power Inc
Booth A6335
ph: 201-916-4709 | jepsonpower.com
Cutting, Metal Suppliers, Saws & Cut-off Machines

Jet Edge
Booth A4531
ph: 763-497-8700 | jetedgewaterjets.com
Additive Manufacturing/3D Printing/Rapid Prototyping, Cutting, Job Shop/Contract Manufacturing, Material Handling/Marking, Other Machinery/Equipment/Parts/Products, Robotics, Saws & Cut-off Machines, Tube & Pipe Fabricating or Welding, Waterjet

JETCAM/NestONE Solutions/The Aquila Group
Booth A3309
ph: 816-215-8014 | nestonesolutions.com
Business Services, Software & Machine Controls

JET-SET
Booth D45228
ph: 248-545-4441 | jetsetspray.com
Lubrication

JHP Fasteners Inc
Booth A3356
ph: 616-784-7900 | jhpfasteners.com
Assembly, Fastening & Joining, Welding Machines/Equipment

Jiangsu Meixin Optoelectronics Technology Co Ltd
Booth B15099
ph: 86-513-84393561 | js-mexin.com
Welding Machines/Equipment

Jiangsu Tone Machine Co Ltd
Booth A6178
ph: 86-523-84818184

Jiaxing MTB Machinery Co Ltd
Booth B16098
ph: 86-138-19039288

JIE USA Inc
Booth D46266
ph: 630-580-9986 | jie-drives.com
Assembly, Automation, Software & Machine Controls

JIER North America
Booth D45543
ph: 734-404-6683 | JIER-NA.com
Automation, Coil Processing, Lasers, Stamping

Jinan Bodor CNC Machine Co Ltd
Booth A6553
ph: 86-531-88690051 | bodor.com
Cutting, Lasers

Jinan Xintian Technology Co Ltd
Booth A6338
ph: 86-531-88558038 | jxtlaser.com
Lasers, Material Handling/Marking

Jindal (India) Limited
Booth D47350
ph: 91-33- 26691800 | jindalindia.com
Tube & Pipe Suppliers

Jinghong Precision Industrial Co Ltd
Booth D45576
ph: 86 532 87718730 | jh-industrial.com
Automation, Other Machinery/Equipment/Parts/Products, Punching

JIT Automation Inc
Booth D46250
ph: 905-948-8525 | jitautomation.com
Stamping, Tool & Die

JLC Electromet Pvt LLC
Booth B19107
ph: 401-737-8380 | jlelectromet.com
Metal Suppliers, Thermal Spraying, Welding Consumables

JMR Industrial
Booth A3384
ph: 610-759-8500 | jmrindustrial.com
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JobPack Inc
Booth A1340
ph: 847-741-1861 | jobpack.com
Software & Machine Controls

Jobscope ERP
Booth A3442
ph: 864-458-3100 | jobscope.com
Software & Machine Controls

John Tillman Co
Booth B33038
ph: 310-764-0110 | jtillman.com
Safety & Environmental, Welding Machines/Equipment

Johnson Bros Roll Forming Co
Booth A3562
ph: 708-449-7050 | JohnsonRollForming.com
Job Shop/Contract Manufacturing

Joysun Abrasives Co Ltd
Booth B23109
ph: 011 86 371-67622388 | joysunabrasives.com
Cutting, Finishing, Saws & Cut-off Machines

JR Automation
Booth B35019
ph: 616-399-2168 | jrautomation.com
Automation, Robotics

J-Tech
Booth D46348
ph: 519-425-4435 | j-techdesign.com
Assembly, Fastening & Joining, Robotics, Tool & Die
Julia USA
Booth D47131
ph: 847-264-8732 | juliausa.com
Cutting, Saws & Cut-off Machines, Tooling

KAAAST Machine Tools Inc
Booth A2967
ph: 224-216-8886 | kaast-usa.com
Cutting, Other Machinery/Equipment/Parts/Products, Plate & Structural Fabricating, Press Brakes, Saws & Cut-off Machines, Stamping, Tube & Pipe Fabricating or Welding

Kaeser Compressors Inc
Booth D46068
ph: 800-777-7873 | us.kaeser.com

Kalamazoo Machine Tool
Booth A3568
ph: 269-321-8860 | kmtsaw.com
Saws & Cut-off Machines

Kalas Wire Inc
Booth B27083
ph: 717-336-5575 | kalaswire.com/industrial
Welding Consumables, Welding Machines/Equipment

Kanca El Aletleri Dovme Celik Ve Makina Sanayi AS
Booth B12102
ph: 90-262-6788647 | kanca.com.tr

Karcher
Booth A6375
ph: 800-444-7654 | karcher.com/us
Finishing, Maintenance & Repair, Other Machinery/Equipment/Parts/Products, Welding Machines/Equipment

Kasto Inc
Booth A4955
ph: 724-325-5600 | kasto.com/us
Cutting, Material Handling/Marking, Saws & Cut-off Machines

Kawasaki Robotics
Booth B1074
ph: 248-446-4100 | kawasakirobotics.com
Robotics

Kawasaki Robotics (USA) Inc
Booth B1074
ph: 248-446-4100 | kawasakirobotics.com

Kayo Products Co Ltd
Booth B33094
ph: 886-2-8797-2967 | kayo.com.tw
Cutting, Gases & Gas Equipment, Welding Machines/Equipment

KD Capital Equipment LLC
Booth A3363
ph: 480-922-1674 | kdcapital.com
Business Services, Other Machinery/Equipment/Parts/Products

KDM International
Booth A6078
ph: 310-880-4141 | kdmamerica.com
Coil Processing

KeepTheHeat
Booth B10021
ph: 319-358-7794 | keeptheheat.com
Safety & Environmental

Keller USA Inc
Booth A5127
ph: 803-396-2000 | kellerusa.com
Safety & Environmental

Kemper America Inc
Booth B31067
ph: 770-416-7070 | kemperamerica.com
Safety & Environmental

Kennametal Inc
Booth A5839
ph: 724-539-6842 | kennametal.com
Finishing, Metal Suppliers, Tool & Die, Tooling, Waterjet

Kennametal Stellite
Booth B27121
ph: 724-539-6842 | kennametal.com
Finishing, Metal Suppliers, Thermal Spraying, Tool & Die, Tooling, Waterjet, Welding Consumables

Kent Corp
Booth D46933
ph: 440-582-3400 | kenttesgo.com
Coil Processing, Finishing, Material Handling/Marking, Other Machinery/Equipment/Parts/Products, Saws & Cut-off Machines, Tube & Pipe Producing

Kent Corporation - Dietronic
Booth D45666
ph: 440-582-3400 | kenttesgo.com
Coil Processing, Finishing, Material Handling/Marking, Other Machinery/Equipment/Parts/Products, Saws & Cut-off Machines, Tube & Pipe Producing

Kent Stud Welding
Booth B16108
ph: 86-510-85102260 | kentstudwelding.com
Arc Welding, Welding Machines/Equipment

Kern Laser Systems
Booth A5131
ph: 218-631-2755 | kernlasers.com
Lasers

Keyence Corp of America
Booth A4391
ph: 888-539-3623 | keyence.com
Business Services, Inspection & Testing, Material Handling/Marking

Keyland Polymer Material Sciences LLC
Booth B12033
ph: 216-741-7191 | keylandpolymer.com
Business Services, Finishing

Keystone Fastening Technologies
Booth B25096
ph: 412-787-5970 | keystonefastening.com
Arc Welding, Fastening & Joining, Machining/EDM, Welding Machines/Equipment

Kinetic Cutting Systems Inc
Booth A4942
ph: 800-606-2954 | kineticusa.com
Cutting, Machining/EDM, Plate & Structural Fabricating

King Forging Co Ltd
Booth A6287
ph: 886-47-350011 | kingforging.com
Other Machinery/Equipment/Parts/Products, Plate & Structural Fabricating, Stamping

King Tester Corp
Booth D47151
ph: 610-279-6010 | kintester.com

Kingyu Tool & Die Co Ltd
Booth D45366
ph: 86-755-82678818 | kingyutool.com
Tool & Die, Tooling
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<td>KMT Waterjet Systems Inc</td>
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<td>Cutting, Finishing, Robotics, Waterjet</td>
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<td>KNUTH Machine Tools USA Inc</td>
<td>A3150</td>
<td>847-415-3333</td>
<td>knuth-usa.com</td>
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<td>49-7821-6339-0</td>
<td>kohler-germany.com</td>
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<td>Koike Aronson Inc</td>
<td>B17021</td>
<td>585-492-2400</td>
<td>koike.com</td>
<td>Bending/Forming, Cutting, Finishing, Lasers, Material Handling/Marking, Plate &amp; Structural Fabricating, Robotics, Tooling, Tube &amp; Pipe Fabricating or Welding, Waterjet, Welding Machines/Equipment</td>
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<td>A3558</td>
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<td>kolev.com</td>
<td>Bending/Forming, Coil Processing, Other Machinery/Equipment/Parts/Products, Saws &amp; Cut-off Machines, Tooling</td>
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<td>Komatsu America Industries LLC</td>
<td>D46035</td>
<td>847-437-3888</td>
<td>komatsupress.com</td>
<td>Lasers, Plate &amp; Structural Fabricating, Stamping</td>
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<td>B33095</td>
<td>708-878-7636</td>
<td>konzenchemical.com</td>
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<td>Kosmek USA</td>
<td>A1443</td>
<td>630-241-3465</td>
<td>kosmek.com</td>
<td>Material Handling/Marking, Tool &amp; Die, Tooling</td>
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<td>Kotar Steel Shot</td>
<td>B12020</td>
<td>864-546-1593</td>
<td>burleighind.com</td>
<td>Finishing</td>
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<td>Kovanoplastika Loz D.D.</td>
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<td>386-1-7095-380</td>
<td>kovinotools.com</td>
<td>Business Services, Job Shop/Contract Manufacturing, Tooling</td>
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<td>Kunshan Dersun Precision Mould Co Ltd</td>
<td>D45456</td>
<td>86-512-55196883-8009</td>
<td>ksdersun.com</td>
<td>Tooling</td>
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<td>Kunshan Eagle Precision Tooling Co Ltd</td>
<td>D45356</td>
<td>86 512-50137924</td>
<td>eagle-tooling.com</td>
<td>Tool &amp; Die, Tooling</td>
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<td>Kvoiri</td>
<td>D45727</td>
<td>81-8552-96390</td>
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<td>mohawkmachinery.com</td>
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<td>monode.com</td>
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<td>muratec-usa.com</td>
<td>Business Services, Cutting, Lasers, Machining/EDM, Material Handling/Marking, Punching, Safety &amp; Environmental, Software &amp; Machine Controls</td>
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<td>513-201-3069</td>
<td>murrplastik.com</td>
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<td>Patterson Fan Company</td>
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<td>pattersonfan.com</td>
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<td>Pennsylvania College of Technology</td>
<td>B32118</td>
<td>ph: 570-320-2400</td>
<td>pct.edu</td>
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<tr>
<td>Penny Weld LLC</td>
<td>B33117</td>
<td>ph: 734-250-4236</td>
<td>pennyweldllc.com</td>
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<td>Penna Labs</td>
<td>D47331</td>
<td>ph: 718-855-5354</td>
<td>pensalabs.com</td>
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<td>PEP Technology</td>
<td>A3221</td>
<td>ph: 949-753-7878</td>
<td>peptechnology.com</td>
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<tr>
<td>Pepperl+Fuchs Inc</td>
<td>D45037</td>
<td>ph: 330-425-3555</td>
<td>pepperl-fuchs.com</td>
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<tr>
<td>Perfection Global LLC</td>
<td>A6319</td>
<td>ph: 847-427-3333</td>
<td>perfectionmachinery.com</td>
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<td>Company Name</td>
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<td>Permadur Industries Inc</td>
<td>A3207</td>
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<tr>
<td>ph: 908-359-9767</td>
<td>permadur.com</td>
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<td>Business Services, Coil Processing, Material Handling/Marking</td>
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| Peter Prinzing GmbH               | A5122 |
| ph: 49-7336-96100 | prinzing.eu |
| Bending/Forming, Tube & Pipe Fabricating or Welding |

| PFERD INC                         | B31017 |
| ph: 262-255-3200 | pferdusa.com |
| Cutting, Finishing, Saws & Cut-off Machines |

| PHI                               | D46471 |
| ph: 626-968-9680 | phihydraulics.com |
| Finishing, Tooling, Tube & Pipe Fabricating or Welding |

| Phillips Saw & Tool Inc           | A3579  |
| ph: 765-659-1297 | psaws.com |
| Business Services, Cutting, Tooling |

| Philpott Rubber/Lankhorst Mouldings | A5075  |
| ph: 330-225-3344 | philpottrubber.com |
| Coil Processing, Material Handling/Marking |

| Phoenix International Inc         | B27110 |
| ph: 414-973-3400 | dryrod.com |
| Welding Machines/Equipment |

| Phoenix Metals Co                 | A3342  |
| ph: 770-447-4211 | phoenixmetals.com |
| Business Services, Metal Suppliers |

| Picard GmbH & Co KG               | A3107  |
| ph: 492192859300 | picard-kg.com |
| Finishing |

| Pifer                            | B22117 |
| ph: 0034 941 254885 | pipherclamps.com |

| PILLAR Induction                 | D46777 |
| ph: 440-278-7200 | pillar.com |
| Brazing & Soldering, Finishing, Job Shop/Contract Manufacturing, Other Machinery/Equipment/Parts/Products, Tube & Pipe Fabricating or Welding, Tube & Pipe Producing, Welding Machines/Equipment |

| Pines Engineering/H&H Tooling    | D46777 |
| ph: 440-278-7200 | pines-eng.com |
| Tooling, Tube & Pipe Fabricating or Welding |

| Pinnacle Systems Inc             | A3392  |
| ph: 412-262-3950 | |
| Safety & Environmental |

| Piranha \ MegaFab                | A4525, A4924 |
| ph: 800-435-2823 | piranhafab.com |
| Bending/Forming, Cutting, Lasers, Plate & Structural Fabricating, Press Brakes, Punching, Tooling |

| Pittarc Welding Wires            | B19108  |
| ph: 39-043-2062914 | pittarc.com |
| Arc Welding, Welding Consumables |

| PKG Equipment Inc                | B11018  |
| ph: 585-436-4650 | pkgequipment.com |
| Finishing |

| Plant Engineering Services Inc   | D45061  |
| ph: 260-482-1436 | planteng.com |
| Business Services, Tool & Die |

| Plasma Automation Inc            | B110013 |
| ph: 631-563-7234 | plasma-automation.com |
| Bending/Forming, Coil Processing, Plate & Structural Fabricating, Software & Machine Controls, Waterjet |

| Plasma Systems                   | D46240 |
| ph: 888-454-7539 | plex.com |
| Software & Machine Controls |

| Plymovent Inc                    | B110013 |
| ph: 905-564-4748 | plymovent.com |
| Safety & Environmental, Welding Machines/Equipment |

| PM SAS                           | A6278  |
| ph: 39-41-5745047 | pm-eng.info |
| Bending/Forming, Job Shop/Contract Manufacturing, Tube & Pipe Producing |

| PMF SAS                          | A1059  |
| ph: 570-323-9944 | flowformingplus.com |
| Job Shop/Contract Manufacturing |

| Pneumatic Innovations LLC        | D45673 |
| ph: 989-734-3435 | pneumaticinnovationsllc.com |

| Pneu-Mech Systems Mfg            | B15008 |
| ph: 704-873-2475 | pneu-mech.com |
| Finishing |

| Plant Engineering Services Inc   | D45061  |
| ph: 260-482-1436 | planteng.com |
| Business Services, Tool & Die |

| Picard GmbH & Co KG               | A3107  |
| ph: 492192859300 | picard-kg.com |
| Finishing |

| Piranha \ MegaFab                | A4525, A4924 |
| ph: 800-435-2823 | piranhafab.com |
| Bending/Forming, Cutting, Lasers, Plate & Structural Fabricating, Press Brakes, Punching, Tooling |

| Piller Induction                 | D46777 |
| ph: 440-278-7200 | pillar.com |
| Brazing & Soldering, Finishing, Job Shop/Contract Manufacturing, Other Machinery/Equipment/Parts/Products, Tube & Pipe Fabricating or Welding, Tube & Pipe Producing, Welding Machines/Equipment |

| Pines Engineering/H&H Tooling    | D46777 |
| ph: 440-278-7200 | pines-eng.com |
| Tooling, Tube & Pipe Fabricating or Welding |

| Pinnacle Systems Inc             | A3392  |
| ph: 412-262-3950 | |
| Safety & Environmental |

| Piranha \ MegaFab                | A4525, A4924 |
| ph: 800-435-2823 | piranhafab.com |
| Bending/Forming, Cutting, Lasers, Plate & Structural Fabricating, Press Brakes, Punching, Tooling |

| Pittarc Welding Wires            | B19108  |
| ph: 39-043-2062914 | pittarc.com |
| Arc Welding, Welding Consumables |

| PKG Equipment Inc                | B11018  |
| ph: 585-436-4650 | pkgequipment.com |
| Finishing |

| Plant Engineering Services Inc   | D45061  |
| ph: 260-482-1436 | planteng.com |
| Business Services, Tool & Die |

| Piranha \ MegaFab                | A4525, A4924 |
| ph: 800-435-2823 | piranhafab.com |
| Bending/Forming, Cutting, Lasers, Plate & Structural Fabricating, Press Brakes, Punching, Tooling |

| Piller Induction                 | D46777 |
| ph: 440-278-7200 | pillar.com |
| Brazing & Soldering, Finishing, Job Shop/Contract Manufacturing, Other Machinery/Equipment/Parts/Products, Tube & Pipe Fabricating or Welding, Tube & Pipe Producing, Welding Machines/Equipment |

| Pines Engineering/H&H Tooling    | D46777 |
| ph: 440-278-7200 | pines-eng.com |
| Tooling, Tube & Pipe Fabricating or Welding |

| Pinnacle Systems Inc             | A3392  |
| ph: 412-262-3950 | |
| Safety & Environmental |

| Piranha \ MegaFab                | A4525, A4924 |
| ph: 800-435-2823 | piranhafab.com |
| Bending/Forming, Cutting, Lasers, Plate & Structural Fabricating, Press Brakes, Punching, Tooling |

| Pittarc Welding Wires            | B19108  |
| ph: 39-043-2062914 | pittarc.com |
| Arc Welding, Welding Consumables |

| PKG Equipment Inc                | B11018  |
| ph: 585-436-4650 | pkgequipment.com |
| Finishing |

| Plant Engineering Services Inc   | D45061  |
| ph: 260-482-1436 | planteng.com |
| Business Services, Tool & Die |
Pollution Control Products Co  
Booth B10083  
ph: 214-358-1539 | pcpconline.com  
Business Services, Finishing, Job Shop/Contract Manufacturing, Maintenance & Repair, Other Machinery/Equipment/Parts/Products

Polymer Molding Inc  
Booth B1004  
ph: 800-344-7584 | polymermolding.com  
Finishing, Material Handling/Marking, Other Machinery/Equipment/Parts/Products

Polyurethane Products Corp  
Booth A3476  
ph: 630-543-6700 | polyprod.com  
Coil Processing, Tooling

Porcelain Enamel Institute Inc  
Booth B11066  
ph: 770-676-9366 | porcelainenamel.com  
Business Services, Finishing

Pottiez America LP  
Booth D45339  
ph: 404-214-0434 | pottiez.com  
Tool & Die, Tooling

Powder Coated Tough  
Booth B11047  
ph: 859-525-9988 | powdercoatedtough.com  
Business Services

Powder Coating Institute  
Booth B11048  
ph: 859-525-9988 | powdercoating.org  
Business Services, Finishing

Powder Parts Inc  
Booth B11077  
ph: 847-289-1434 | powderequipment.com

POWER ROBOT  
Booth B25115  
ph: 555430-225050 | powermig.com.br  
Arc Welding, Gases & Gas Equipment, Robotics

Power Solutions Pro  
Booth A5127  
ph: 813-307-7246 | powersolutionspro.com  
Job Shop/Contract Manufacturing, Lasers, Maintenance & Repair, Other Machinery/Equipment/Parts/Products, Safety & Environmental

PPG  
Booth B11015  
ph: 888-774-2001 | ppgindustrialcoatings.com  
Finishing

Making our planet more productive

Praxair Distribution Inc  
Booth B23065  
ph: 877-772-9247 | PraxairUSA.com  
Arc Welding, Cutting, Gases & Gas Equipment, Robotics, Welding Consumables

PRC Laser Corp  
Booth A5789  
ph: 973-347-0100 | prclaser.com  
Lasers, Press Brakes, Welding Machines/Equipment

PRD Company/Cagil Makina  
Booth D45872  
ph: 510-782-7242 | prdcompany.com  
Finishing, Other Machinery/Equipment/Parts/Products, Tube & Pipe Producing

Press Brake Repair  
Booth A5034  
ph: 717-733-4220 | pressbrakerepair.com  
Maintenance & Repair

Press Brake Safety  
Booth A3344  
ph: 800-901-1193 | pressbrakesafety.com  
Safety & Environmental, Software & Machine Controls

Press Room Equipment Co  
Booth D45849  
ph: 417-864-3636 | pressroomequipment.com  
Coil Processing

Pressix North America  
Booth D45549  
ph: 248-786-3000 | pressix.us  
Stamping

Pressroom Electronics Inc  
Booth D45041  
ph: 412-262-1115 | pressroomelectronics.com  
Safety & Environmental

Precision Metalforming Association  
Booth D45414  
ph: 216-901-8800 | pma.org  
Business Services

Precision Punch Corp  
Booth D45771  
ph: 860-229-9902 | ppunch.com  
Job Shop/Contract Manufacturing, Tool & Die, Tooling

PrestiVac Inc  
Booth B15072  
ph: 888-338-0708 | prestivac.com  
Finishing, Maintenance & Repair, Safety & Environmental

Presto Lifts Inc  
Booth A3588  
ph: 617-285-1375 | prestolifts.com  
Material Handling/Marking
<table>
<thead>
<tr>
<th>Company Name</th>
<th>Booth</th>
<th>Contact Information</th>
<th>Products and Services</th>
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<tbody>
<tr>
<td>Preston Eastin</td>
<td>B27081</td>
<td>ph: 918-834-5591</td>
<td>Material Handling/Marking, Robotics, Thermal Spraying, Welding Machines/Equipment</td>
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<tr>
<td>PrimeTest Automation Inc</td>
<td>A1308</td>
<td>ph: 561-912-9433</td>
<td>Assembly, Automation, Inspection &amp; Testing, Robotics</td>
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<tr>
<td>Primo Automation Systems</td>
<td>B12116</td>
<td>ph: 512-420-3636</td>
<td>Arc Welding, Welding Machines/Equipment</td>
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<tr>
<td>Pro Spot International</td>
<td>B21094</td>
<td>ph: 760-407-1414</td>
<td>Arc Welding, Resistance Welding, Safety &amp; Environmental, Welding Machines/Equipment</td>
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<tr>
<td>proAutomation LLC</td>
<td>B17104</td>
<td>ph: 520-499-2291</td>
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<td>pro-beam GmbH &amp; Co KGaA</td>
<td>B14103</td>
<td>ph: 49898992369</td>
<td>Welding Machines/Equipment</td>
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<tr>
<td>Proceq USA Inc</td>
<td>B16118</td>
<td>ph: 724-512-0330</td>
<td>Inspection &amp; Testing</td>
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<td>Prodevec Robotic Solutions Inc</td>
<td>A1462</td>
<td>ph: 905-761-6155</td>
<td>Plate &amp; Structural Fabricating, Robotics, Tube &amp; Pipe Fabricating or Welding</td>
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<tr>
<td>Production Products Inc</td>
<td>A6186</td>
<td>ph: 301-472-4200</td>
<td>Bending/Forming, Cutting, Other Machinery/Equipment/Parts/Products, Resistance Welding, Tube &amp; Pipe Fabricating or Welding</td>
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<td>Products Finishing Magazine</td>
<td>B16008</td>
<td>ph: 513-527-8800</td>
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<td>PROTAX/LENCO</td>
<td>B17055</td>
<td>ph: 281-485-6258</td>
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<td>Profile Cutting Systems USA Inc</td>
<td>A5755</td>
<td>ph: 800-656-1903</td>
<td>Cutting, Plate &amp; Structural Fabricating</td>
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<td>Project Tool &amp; Die Inc</td>
<td>A3325</td>
<td>ph: 530-243-8903</td>
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<td>ProManage</td>
<td>A3652</td>
<td>ph: 773-800-2724</td>
<td>Software &amp; Machine Controls</td>
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<td>Promess Inc</td>
<td>A1438</td>
<td>ph: 810-229-9334</td>
<td>Assembly, Automation, Software &amp; Machine Controls, Stamping</td>
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<td>Pronic Inc</td>
<td>D46363</td>
<td>ph: 734-480-9200</td>
<td>Bending/Forming, Machining/EDM, Tool &amp; Die</td>
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<td>Proto-1 Manufacturing</td>
<td>D46565</td>
<td>ph: 920-582-4491</td>
<td>Tube &amp; Pipe Fabricating or Welding</td>
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<td>PSTProducts GmbH</td>
<td>B14110</td>
<td>ph: 496023947812</td>
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<td>PTR-Precision Technologies Inc</td>
<td>B19068</td>
<td>ph: 860-741-2281</td>
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<td>Pulsa</td>
<td>B28118</td>
<td>ph: 415-997-5525</td>
<td>Business Services, Gases &amp; Gas Equipment, Software &amp; Machine Controls</td>
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<td>PUNCH INDUSTRY USA INC</td>
<td>D45052</td>
<td>ph: 630-625-8080</td>
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<td>PureFlo</td>
<td>B32113</td>
<td>ph: 617-603-2477</td>
<td>Japan/India</td>
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<td>PushCorp Inc</td>
<td>B37081</td>
<td>ph: 972-840-0208</td>
<td>Robotics, Software &amp; Machine Controls</td>
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<td>Pyramex Safety Products</td>
<td>B15119</td>
<td>ph: 800-736-8673</td>
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<tr>
<td>Qingdao Puhua Heavy Industrial Machinery Co Ltd</td>
<td>A6314</td>
<td>ph: 86-532-88191002</td>
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</table>

**Note:** The above list includes a variety of companies and their respective booths, along with their contact information and the products and services they offer. This information is taken from the FABTECH® 2019 Official On-Site Guide & Directory.
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Booth A3490
ph: 413-387-4375 | qnect.com
Business Services, Software & Machine Controls

Quaker Houghton
Booth B15077
ph: 610-666-4000 | houghtonintl.com
Finishing

Quality Finishing Systems
Booth B10071
ph: 231-834-9131 | qualityfinishingsystems.com

RADAN | Hexagon Manufacturing Intelligence
Booth A3510
ph: 651-982-0100 | radan.com
Software & Machine Controls

Radian Laser Systems
Booth A6360
ph: 714-278-4333 | radianlaser.com
Lasers, Maintenance & Repair, Material Handling/Marking

Radyne Corp
Booth B27094
ph: 414-481-8360 | radyne.com
Brazing & Soldering, Other Machinery/Equipment/Parts/Products

Raffin Construction Co
Booth D45338
ph: 773-785-3055 | raffinconstruction.com

Rafter Equipment Corp
Booth D47241
ph: 440-572-3700 | RafterEquipment.com
Bending/Forming, Tube & Pipe Producing

Qnect LLC
Booth A3490
ph: 413-387-4375 | qnect.com
Business Services, Software & Machine Controls

Quaker Houghton
Booth D64448
ph: 610-832-4000 | quakerchem.com
Finishing, Lubrication

Quality Finishing Systems
Booth B10071
ph: 231-834-9131 | qualityfinishingsystems.com

Radynie Corp
Booth B27094
ph: 414-481-8360 | radyne.com
Brazing & Soldering, Other Machinery/Equipment/Parts/Products

Raffin Construction Co
Booth D45338
ph: 773-785-3055 | raffinconstruction.com

Radian Laser Systems
Booth A6360
ph: 714-278-4333 | radianlaser.com
Lasers, Maintenance & Repair, Material Handling/Marking

Rapid Coating Solutions LLC
Booth B10073
ph: 586-747-1317

Rapid-Air Corp
Booth D45656
ph: 815-397-2578 | rapidair.com

RAS Systems LLC
Booth A4961
ph: 770-487-7300 | ras-systems.com
Bending/Forming, Cutting, Software & Machine Controls

Rasco
Booth B28089
ph: 225-273-3163 | rascofr.com
Safety & Environmental

Raytech Measuring Systems
Booth A6418
ph: 515-834-2272 | raytech-measuring.com

RbSA Industrial
Booth D47158
ph: 865-498-3508 | rbsaindustrial.com
Saws & Cut-off Machines, Tube & Pipe Fabricating or Welding

RDI Laser Blanking Systems
Booth A3314
ph: 630-274-0600 | rdilaserblanking.com
Coil Processing, Job Shop/Contract Manufacturing, Lasers, Stamping

REA JET US
Booth D47146
ph: 440-232-0555 | reajetus.com
Material Handling/Marking

Ready Technology Inc
Booth D45462
ph: 937-866-7200 | readytechnology.com
Tool & Die, Tooling

RealSTEEL Software
Booth A3218
ph: 330-666-5900 | realsteelsoftware.com
Software & Machine Controls

Red Bud Industries
Booth A4973
ph: 618-282-3801 | redbudindustries.com
Coil Processing, Material Handling/Marking

Reibus International
Booth A6215
ph: 470-482-1820 | reibus.com
Business Services, Metal Suppliers
Reika GmbH & Co
Booth D47326
ph: 765-561-4539
Finishing, Inspection & Testing, Material Handling/Marking, Saws & Cut-off Machines

REL Inc
Booth A1240
ph: 906-337-3018 | relinc.net

Replacement Brush Tables
Booth A3173
ph: 800-691-8204 | brushtables.com
Other Machinery/Equipment/Parts/Products, Punching

Resistance Welding Controls LLC
Booth B15115
ph: 484-898-0258 | rwclc.net
Automation, Welding Machines/Equipment

Resistance Welding Machine & Accessory
Booth B33102
ph: 269-428-4770 | resweld.com
Resistance Welding, Welding Consumables

Revolution Machine Tools
Booth A5773
ph: 385-355-0342 | RMTUS.com
Bending/Forming, Saws & Cut-off Machines, Tube & Pipe Fabricating or Welding

Rex-Cut Abrasives
Booth B28081
ph: 508-678-1985 | rexcut.com
Finishing, Saws & Cut-off Machines

Rice Lake Weighing Systems
Booth A3277
ph: 715-234-9171 | ricelake.com
Coil Processing, Inspection & Testing, Material Handling/Marking

Richardson Electronics
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Rigaku Analytical Devices
Booth A5005
ph: 781-328-1024 | rigaku.com/KT100S
Inspection & Testing

Rigged Metals Corp
Booth A3362
ph: 716-849-4760 | rigidized.com
Assembly, Material Handling/Marking, Other Machinery/Equipment/Parts/Products

Rite-Hite
Booth B27119
ph: 414-355-2600 | ritehite.com/en/AM/Products/Machine-Guarding
Robotics, Safety & Environmental

Riteway Brake Dies Inc
Booth A3554
ph: 708-430-0795 | ritewaybrakedies.com
Job Shop/Contract Manufacturing, Material Handling/Marking, Tool & Die, Tooling

Robotic Technologies of Tennessee LLC
Booth B18108
ph: 844-867-6268 | robotictechn.com
Arc Welding, Inspection & Testing, Robotics

Rock Valley Oil & Chemical Co Inc
Booth D45258
ph: 815-654-2400 | rockvalleyoil.com
Lubrication

Rocklin Manufacturing Co
Booth A3242
ph: 712-255-7957 | rocklinmfg.com
Finishing, Material Handling/Marking, Tooling, Welding Machines/Equipment

Rocky Mountain Instrument Co
Booth A5053
ph: 303-664-5000 | rmico.com
Lasers

Rocon LLC
Booth B19096
ph: 248-542-9635 | roconllc.com

Rohner
Booth B13056
ph: 360-885-7641 | rohnerspraybooths.com
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Roll Machining Technologies & Solutions
Booth D47164
ph: 815-372-9100 | rollsolutions.com
Tooling

Rolled Alloys
Booth A3486
ph: 800-521-0332 | rolledalloys.com
Metal Suppliers
Rolled Metal Products
Booth A5055
ph: 800-877-8366 | rolledmetalproducts.com
Metal Suppliers

Roller Die + Forming Co
Booth A3891
ph: 502-969-1327 | rollerdie.com
Job Shop/Contract Manufacturing, Metal Suppliers, Tooling

Rolleri USA
Booth A3599
ph: 440-835-2580 | rolleriusa.com
Tool & Die, Tooling

RollSeal Inc
Booth B16043
ph: 256-287-7000 | rollseal.net
Finishing, Other Machinery/Equipment/Parts/Products

RoMan Manufacturing Inc
Booth B21004
ph: 616-530-8641
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Ross Controls
Booth D45348
ph: 248-764-1800 | rosscontrols.com
Other Machinery/Equipment/Parts/Products, Stamping

ROUND0
Booth A4906
ph: 39-030-9958735 | roundo.com
Bending/Forming, Plate & Structural Fabricating, Tube & Pipe Fabricating or Welding

Rousseau Metal Inc
Booth A3158
ph: 418-598-3381 | rousseaumetal.com
Material Handling/Marking

Roy Smith Company
Booth B33096
ph: 313-883-6969 | rscmain.com
Gases & Gas Equipment, Safety & Environmental, Welding Consumables, Welding Machines/Equipment

RPB Safety LLC
Booth B13074
ph: 248-591-4000 | rpbsafety.com
Safety & Environmental

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Booth A6384
ph: 86-516-5087509 | ruijielaser.com
Lasers

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Booth D47356
ph: 773-262-8888 | rustrelease.com
Finishing, Other Machinery/Equipment/Parts/Products

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Booth B10024
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RWMA - Resistance Welding Manufacturing Alliance
Booth B12110
ph: 305-443-9353 | rwma.org
Metal Suppliers, Resistance Welding, Robotics, Welding Consumables

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Material Handling/Marking

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Finishing

Samson Roll Formed Products Co
Booth D45764
ph: 847-965-6700 | samsonrollform.com
Job Shop/Contract Manufacturing, Metal Suppliers
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<td>D45551</td>
<td>937-498-4901</td>
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<td>A4353</td>
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<td>Shanghai Huawei Welding &amp; Cutting</td>
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<td>ShopEdge Software Inc</td>
<td>D46341</td>
<td>877-417-1212</td>
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Finishing

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ph: 412-487-1165 | sic-marking.com  
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Sideros Engineering Srl  
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siderosengineering.com/index/en  
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Siemens Industry Inc  
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Automation, Robotics

Sigma Steels  
Booth B32115  
ph: 216-212-4977 | sigmasteels.com

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Simpac America Co Ltd  
Booth D46040  
ph: 248-607-3998 | simpac-america.com  
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Stamping

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ph: 773-235-2100 | singersafety.com  
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Slatpro LLC
Booth A4543
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Smart Manufacturing Hub
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ph: 276-889-0381 | vaceda.org
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ph: 614-529-6600 | spairusa.com

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ph: 647-531-7464 | spacevac.com
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ph: 909-623-6944 | spraysystems.com  
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ph: 440-205-1600 | sscontrols.com  
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Material Handling/Marking, Other Machinery/Equipment/Parts/Products

**Stratasys**  
Booth 4250  
ph: 952-937-3000 | stratasys.com
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<td>superdutyfans.com</td>
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<td>superiordieset.com</td>
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<td>stifinishing.com</td>
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<td>surfaceflowtech.com</td>
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<td>ph: 440-239-9710</td>
<td>surtec.com</td>
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<td>Sutherland Presses</td>
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<td>ph: 310-453-6981</td>
<td>sutherlandlandpresses.com</td>
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<td>ph: 859-283-8400</td>
<td>sweco.com</td>
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<td>SYS</td>
<td>D45727</td>
<td>ph: 049855296390</td>
<td>systeme-steuerungen.de</td>
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<td>SYS PRO USA</td>
<td>A5156</td>
<td>ph: 714-437-1000</td>
<td>syspro.com</td>
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<td>System Technologies</td>
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<td>ph: 317-895-5970</td>
<td>stifinishing.com</td>
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<td>D47333</td>
<td>ph: 708-482-1800</td>
<td>thlemont.com</td>
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Business Services

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ph: 66-261-2929 | tgpro.co.th
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<thead>
<tr>
<th>Company Name</th>
<th>Booth</th>
<th>Phone</th>
<th>Website</th>
<th>Products/Services</th>
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<td>A3540</td>
<td>715-263-3900</td>
<td>unipunch.com</td>
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<td>Lasers</td>
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<td>upmet.com</td>
<td>Metal Suppliers</td>
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<td>United States Welding Corp</td>
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<td>775-883-7878</td>
<td>usweldingcorp.com</td>
<td>Metal Suppliers, Welding Consumables</td>
</tr>
<tr>
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<td>562-693-0202</td>
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<td>Finishing, Job Shop/Contract Manufacturing</td>
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<td>unitool.com</td>
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<td>419-872-2364</td>
<td>universalcontrolsgroup.com</td>
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<tr>
<td>Universal Robots USA Inc</td>
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<td>Universal Tube &amp; Rollform Equipment Corp</td>
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<td>utubeonline.com</td>
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<td>Uniweld Products Inc</td>
<td>B33072</td>
<td>954-584-2000</td>
<td>uniweld.com</td>
<td>Brazing &amp; Soldering, Cutting, Gases &amp; Gas Equipment, Welding Machines/Equipment</td>
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<td>Urrea Professional Tools</td>
<td>B13043</td>
<td>210-734-8703</td>
<td>ureaprofessionaltools.com</td>
<td>Cutting, Press Brakes</td>
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<tr>
<td>Ursviken Inc</td>
<td>A3005</td>
<td>847-214-8700</td>
<td>ursviken.com</td>
<td>Cutting, Press Brakes</td>
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<tr>
<td>US Industrial Machinery Co</td>
<td>A4568</td>
<td>800-860-1850</td>
<td>usindustrial.com</td>
<td>Cutting, Plate &amp; Structural Fabricating, Press Brakes</td>
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<td>US Lubricants</td>
<td>A5078</td>
<td>920-730-7158</td>
<td>uslube.com</td>
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<td>Uweld Technologies Co Ltd</td>
<td>B16099</td>
<td>86-574-88127201</td>
<td>uweldechter.com</td>
<td>Cutting, Gases &amp; Gas Equipment, Welding Machines/Equipment</td>
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<tr>
<td>V&amp;S Galvanizing LLC</td>
<td>B10031</td>
<td>800-801-3648</td>
<td>hotdipgalvanizing.com</td>
<td>Finishing</td>
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<tr>
<td>Vaccari SPA</td>
<td>D45371</td>
<td>39-444-400608</td>
<td>vaccari spaghetti.com</td>
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Valgro India Limited
Booth A6476
ph: 91-229-00307 | brushingmachine.com

Valmont Coatings
Booth B16071
ph: 402-963-4250 | valmontcoatings.com
Finishing, Job Shop/Contract Manufacturing

VANTERM MAKINA San Tic A.S.
Booth B24119
ph: 90-262-751094 | vanterm.com
Safety & Environmental

Vaportech
Booth B12071
ph: 303-652-8500 | vaportech.com
Finishing

Various Machining Solutions LLP
Booth A3286
ph: 91-9825214128 | vmst.co.in
Job Shop/Contract Manufacturing, Machining/EDM, Other Machinery/Equipment/Parts/Products

VDM Metals
Booth B37038
ph: 973-437-1664 | vdm-metals.com
Metal Suppliers, Welding Consumables

Vektek LLC
Booth D46278
ph: 913-365-1045 | vektek.com
Automation, Job Shop/Contract Manufacturing, Machining/EDM, Other Machinery/Equipment/Parts/Products

Venjakob Nutro Inc
Booth B11062
ph: 440-572-3800 | venjakob.com
Assembly, Finishing, Material Handling/Marking, Robotics

Venjakob/Nutro Inc
Booth B11062
ph: 440-572-3800 | venjakob.com
Assembly, Finishing, Material Handling/Marking, Robotics

Vention
Booth A3750
ph: 888-901-5909 | vention.io
Other Machinery/Equipment/Parts/Products, Plate & Structural Fabricating, Robotics, Software & Machine Controls

Veo Robotics
Booth A1214
ph: 617-651-5733 | veobot.com
Automation, Robotics, Safety & Environmental, Software & Machine Controls

Verisurf Software Inc
Booth A3437
ph: 714-970-1683 | verisurf.com
Inspection & Testing, Software & Machine Controls

Versatility Professional Tool Storage
Booth A5912
ph: 866-382-0482 | professionaltoolstorage.com
Business Services, Material Handling/Marking, Other Machinery/Equipment/Parts/Products, Tooling

Vibro Dynamics LLC
Booth D46347
ph: 708-345-2050 | vibrodynamics.com
Other Machinery/Equipment/Parts/Products

Victory CNC Plasma Systems
Booth B23008
ph: 877-683-6844 | victoryplasma.com
Cutting, Other Machinery/Equipment/Parts/Products, Plate & Structural Fabricating

Victory Tool
Booth D45045
ph: 763-323-8877 | victorytool.com
Tool & Die, Tooling

Virtek Vision International
Booth A5142
ph: 519-746-7190 | virtek.ca
Assembly, Inspection & Testing, Lasers, Software & Machine Controls

Visual Factories
Booth A1208
ph: 972-54-5507826 | visual-factories.com

Vitracote America Inc
Booth B15019
ph: 574-264-6090 | vitracote.com
Finishing

Vitronic Machine Vision
Booth B31104
ph: 502-266-2699 | vitronic.com
Automation, Inspection & Testing, Robotics

Vizient Manufacturing Solutions Inc - A Lincoln Electric Co
Booth B19030
ph: 563-355-5010 | vizient.com
Automation, Robotics

VKS - Visual Knowledge Share
Booth A3423
ph: 855-201-4656 | vksapp.com
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<td>voestalpine Bohler Welding USA Inc</td>
<td>B27068</td>
<td>281-499-1212</td>
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<td>Welding Consumables</td>
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<td>voestalpine eifeler Coatings</td>
<td>D45562</td>
<td>630-587-1220</td>
<td>eifeler.us</td>
<td>Cutting, Finishing, Other Machinery/Equipment/Parts/Products, Tool &amp; Die, Tooling</td>
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<td>Voith Turbo Inc</td>
<td>D45358</td>
<td>717-767-3200</td>
<td>usa.voithturbo.com</td>
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<td>VSM Abrasives Corp</td>
<td>B37022</td>
<td>636-272-7432</td>
<td>us.vsmabrasives.com</td>
<td>Finishing</td>
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<td>VSM International Co Ltd (Taiwan)</td>
<td>D45046</td>
<td>886-93-6694908</td>
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<td>VX-LLC</td>
<td>A6286</td>
<td>734-854-8700</td>
<td>vx-llc.com</td>
<td>Welding Consumables, Welding Machines/Equipment</td>
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<td>Vytek Laser Systems</td>
<td>A3184</td>
<td>978-342-9800</td>
<td>vytek.com</td>
<td>Lasers, Material Handling/Marking</td>
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<td>W Abrasives</td>
<td>B10023</td>
<td>800-207-4691</td>
<td>wabrasives.com</td>
<td>Finishing</td>
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<td>W Weldpro</td>
<td>B27113</td>
<td>651-214-3864</td>
<td>weldpro.com</td>
<td>Arc Welding, Welding Machines/Equipment</td>
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<td>WAFIOS Machinery Corp</td>
<td>D46943</td>
<td>203-481-5555</td>
<td>wafios.us</td>
<td>Bending/Forming, Coil Processing, Tooling, Tube &amp; Pipe Fabricating or Welding</td>
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<td>Wagner Systems Inc</td>
<td>B13054</td>
<td>888-820-4498</td>
<td>wagnersystemsinc.com</td>
<td>Finishing</td>
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<td>Walker Magnetics</td>
<td>A3597</td>
<td>508-853-3232</td>
<td>walkermagnet.com</td>
<td>Material Handling/Marking, Robotics, Tool &amp; Die</td>
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<td>Walter Surface Technologies</td>
<td>B35035</td>
<td>860-298-1100</td>
<td>walter.com</td>
<td>Finishing, Other Machinery/Equipment/Parts/Products, Saws &amp; Cut-off Machines, Welding Consumables</td>
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<td>WARDJet LLC</td>
<td>A5768</td>
<td>330-677-9100</td>
<td>wardjet.com</td>
<td>Cutting, Material Handling/Marking, Tube &amp; Pipe Fabricating or Welding, Waterjet</td>
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<tr>
<td>Water Jet Sweden AB</td>
<td>A5125</td>
<td>46 457-455440</td>
<td>waterjet.se</td>
<td>Cutting, Waterjet</td>
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<td>Waterjet USA LLC</td>
<td>A3055</td>
<td>630-208-1567</td>
<td>waterjetusa.com</td>
<td>Cutting, Job Shop/Contract Manufacturing, Material Handling/Marking, Waterjet</td>
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<td>Watts Specialties Inc</td>
<td>B35056</td>
<td>253-848-9288</td>
<td>watts-specialties.com</td>
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<td>Wauseon Machine &amp; Manufacturing Inc</td>
<td>D47322</td>
<td>419-337-0940</td>
<td>wauseonmachine.com</td>
<td>Assembly, Job Shop/Contract Manufacturing, Robotics, Tooling, Tube &amp; Pipe Fabricating or Welding</td>
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<td>Wazer</td>
<td>A6237</td>
<td>201-580-6486</td>
<td>wazer.com</td>
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<td>WD-40 Company</td>
<td>B32097</td>
<td>888-324-7596</td>
<td>wd40.com</td>
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<td>WDI Westfalische Drahtindustrie GmbH</td>
<td>B15104</td>
<td>492381276216</td>
<td>wdi.de</td>
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<td>A6237</td>
<td>201-580-6486</td>
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<td>WDM Bending Rolls</td>
<td>A6321</td>
<td>606-787-8474</td>
<td>wdm-rolls.com</td>
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EXHIBITOR LIST

Wecotech AG
Booth D47345
ph: 41-71-9327040 | wecotech.ch
Finishing, Lubrication, Maintenance & Repair, Welding Consumables

WEICON Inc
Booth B14104
ph: 49 9322268 | weicon.de
Finishing, Lubrication, Maintenance & Repair, Welding Consumables

Weil Engineering North America
Booth D46441
ph: 248-344-2211 | weilengineering.com
Bending/Forming, Lasers, Other Machinery/Equipment/Parts/Products, Saws & Cut-off Machines, Stamping, Welding Machines/Equipment

Weiler Abrasives
Booth B33031
ph: 800-835-9999 | weilerabrasives.com
Finishing, Saws & Cut-off Machines

Welker Engineered Products
Booth A1232
ph: 248-528-2020 | weikerproducts.com
Arc Welding, Assembly, Material Handling/Marking, Stamping

Welser Inc
Booth A5840
ph: 312-273-1588 | welser.com/en
Job Shop/Contract Manufacturing, Metal Suppliers, Tube & Pipe Producing

Weld Engineering Co
Booth B18035
ph: 508-842-2224 | weldengineering.com
Arc Welding, Material Handling/Marking, Safety & Environmental, Welding Machines/Equipment

Weldcote Metals
Booth B35060
ph: 704-739-4115 | weldcotecmetals.com
Brazing & Soldering, Finishing, Welding Consumables, Welding Machines/Equipment

Welder Training & Testing Institute
Booth B33115
ph: 610-820-9551 | wtti.com
Business Services, Inspection & Testing

Welding Alloys USA
Booth B34059
ph: 859-525-0165 | welding-alloys.com
Arc Welding, Finishing, Metal Suppliers, Welding Consumables

Welding Consultants LLC
Booth B18101
ph: 614-258-7018 | weldingconsultantsllc.com
Business Services, Inspection & Testing

Weldobot Technologies Inc
Booth B24100
ph: 248-289-6760 | weldobot.com
Arc Welding, Robotics, Welding Machines/Equipment

Weldsale LLC
Booth B31079
ph: 215-739-7474 | weldsale.com
Material Handling/Marking

WELDVIS KOREA
Booth B24098
ph: 82-704-616250 | weldvis.co.kr
Additive Manufacturing/3D Printing/Rapid Prototyping, Automation, Robotics, Tube & Pipe Fabricating or Welding

Weld Computer
Booth B24102
ph: 518-283-2897 | weldcomputer.com
Business Services, Inspection & Testing, Resistance Welding, Welding Machines/Equipment

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Booth B24102
ph: 518-283-2897 | weldcomputer.com
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Welo Netherland B V
Booth A6180
ph: 031736407640 | wemomachines.com
Bending/Forming, Maintenance & Repair, Other Machinery/Equipment/Parts/Products, Punching

Wendt USA LLC
Booth B37016
ph: 761-972-0333 | wendtusa.com
Finishing, Tooling

West Chester Protective Gear
Booth B25093
ph: 800-647-1900 | westchestrergear.com
Safety & Environmental

West Virginia Development Office
Booth A6256
ph: 304-558-2234 | westvirginia.gov
Business Services

West Warwick Welding Co
Booth B20107
ph: 401-822-8200 | westwarwickwelding.com
Finishing, Gases & Gas Equipment, Job Shop/Contract Manufacturing

Wheelabrator Group
Booth B13062
ph: 706-884-6884 | wheelabratorgroup.com
Business Services, Finishing

Wila USA
Booth A3140
ph: 443-459-5496 | wilausa.com
Press Brakes, Robotics, Tooling

Wilco Inc
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Metal Suppliers
Willbanks Metals Inc
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Coil Processing, Lasers, Metal Suppliers, Plate & Structural Fabricating

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ph: 937-382-3700 | wpm-inc.net

Wilson Tool International
Booth A3114
ph: 800-328-9646 | wilsontool.com
Tooling

Winnox Industries Ltd
Booth B16100
ph: 86-755-83088510 | winnox-weld.com
Metal Suppliers, Welding Consumables

Winton Tool Company
Booth D46462
ph: 770-831-1917 | wintonmachine.com
Tube & Pipe Fabricating or Welding

Winstone Tool

Wisconsin Wire Works Inc
Booth B28094
ph: 262-968-9892 | wisconsinwireworks.com
Brazing & Soldering, Job Shop/Contract Manufacturing, Metal Suppliers, Thermal Spraying, Welding Consumables

Wise Welding Technology & Engineering Co Ltd
Booth B16104
ph: 86-10-6026203 | wtec.com.cn

WITT Gas Controls
Booth B37050
ph: 770-664-4447 | wittgas.us
Gases & Gas Equipment, Welding Machines/Equipment

WM Caster
Booth A3578
ph: 323-589-9988 | wmcaster.com
Material Handling/Marking, Other Machinery/Equipment/Parts/Products

WOLF ROBOTS
Wolfgang Loch GmbH & Co KG
Booth D45464
ph: 004967849020 | loch.de
Stamping, Tool & Die

WorkWise Software
Booth D45047
ph: 262-345-3600 | workwisesoftware.com
Software & Machine Controls

World Economic Development Alliance
Booth A3322
ph: 469-778-2606 | wedaconnect.com
Business Services

World Machinery & Saw Inc
Booth D46429
ph: 323-835-2340 | worldsaw.com
Finishing, Lubrication, Plate & Structural Fabricating, Saws & Cut-off Machines, Tube & Pipe Fabricating or Welding

Xiris Automation Inc
Booth B27104
ph: 905-331-6660 | xiris.com
Inspection & Testing
XLCS Partners Inc  
Booth A6471  
ph: 312-602-5458 | xlcspartners.com

Xometry  
Booth A4343  
ph: 240-252-1138 | xometry.com  
Additive Manufacturing/3D Printing/Rapid Prototyping, Job Shop/Contract Manufacturing, Other Machinery/Equipment/Parts/Products

Yamada Dobby America LLC  
Booth D45866  
ph: 704-774-3011 | yamadadobby.com

Yaskawa America Inc  
Booth B27056  
ph: 937-847-6200 | motoman.com  
Business Services, Robotics

YESTOOL/Aloris USA  
Booth A3297  
ph: 973-772-1201 | aloris.com

Yih Shen Machinery Co Ltd (YSM)  
Booth D45773  
ph: 847-383-5442 | ysm.com.tw  
Bending/Forming, Tool & Die

Ying Chivan Corp  
Booth D47238  
ph: 886-2-2659-9318  
Tube & Pipe Suppliers

YLM USA Inc  
Booth D47343  
ph: 734-331-4784 | ylm.com.tw  
Lasers, Other Machinery/Equipment/Parts/Products, Robotics, Tooling, Tube & Pipe Fabricating or Welding

York Portable Machine Tools  
Booth B31107  
ph: 250-287-7716 | sprtool.com  
Arc Welding, Business Services, Other Machinery/Equipment/Parts/Products, Robotics

Yunsing Industrial Co LTD  
Booth D45763  
ph: 886-2-28120007 | yun-sing.com  
Bending/Forming, Other Machinery/Equipment/Parts/Products

Zapp Precision Strip  
Booth A3435  
ph: 508-998-6300 | zapp.com  
Metal Suppliers

Zeiss – Carl Zeiss Industrial Metrology LLC  
Booth A1354  
ph: 763-744-2400 | zeiss.com/metrology/solutions/car-body.html  
Additive Manufacturing/3D Printing/Rapid Prototyping, Business Services, Inspection & Testing

Zerust Corrosion Solutions  
Booth D45250  
ph: 763-225-6600 | zerust.com  
Finishing, Material Handling/Marking

Zhejiang Changzheng Project Carbon Electrodes Co Ltd  
Booth B15096  
ph: 011-86-572-3070288 | czcarbon.com  
Arc Welding, Cutting, Tooling, Welding Consumables

Zhejiang Jingwei Welding & Cutting Technology Co Ltd  
Booth B15113  
ph: 86-579-87921039 | 86-13605729141 | jingweitip.com; jwweld.en.alibaba.com  
Cutting, Welding Machines/Equipment

Zhengzhou Research Institute of Mechanical Eng Co Ltd  
Booth B16110  
ph: 86-371-67836835 | zrime.com.cn

ZJ Industries Inc  
Booth B37019  
ph: 630-543-6655 | zjindustriesinc.com

Zund America Inc  
Booth A4550  
ph: 414-433-0700 | zund.com  
Cutting, Lasers, Material Handling/Marking, Other Machinery/Equipment/Parts/Products, Robotics
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**NEW DATES IN CHICAGO!**

- **2021**: September 13-16, 2021
- **2023**: September 11-14, 2023

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- CTI Systems ....................................... B12069
- Gorbel Inc ........................................... A3574
- JMR Industrial ..................................... A3384
- Metreel Inc ......................................... A6280
- NikoTrack LLC ...................................... B11050
- Rice Lake Weighing Systems ...................... A3277
- Spanco Inc .......................................... A3144

## CRYOGENIC EQUIPMENT/PUMPS/TRAILERS
- Anthony Welded Products Inc ..................... B25110
- Chart Inc ............................................ B27079
- West Warwick Welding Co ........................ B20107

## CUSTOM MACHINERY - SHEET METAL & PLATE
- Butech Bliss .......................................... A3328
- Durma North America Inc/Durmazlar/DURMA ........................................... A2934
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Aircast Inc ............................................ B19043
Hobart Brothers ...................................... B23054
Selectrode Industries Inc ............................ B37023
Shanghai TAYOR Welding Machine Co Ltd ........ B31116
United States Welding Corp ........................ B25118
voestalpine Bohler Welding USA Inc ............. B27068

ELECTRODES (TUNGSTEN)
Abicor Binzel .......................................... B19062
Aircast Inc ............................................ B19043
Blue Demon Welding Products .................... B34081
Changzhou Asia Science & Technology Co Ltd ................................ B16092
CK Worldwide ....................................... B33015
COB Industries Inc ................................ A4545
Diamond Ground Products Inc ..................... B37034
DURUM Verschleis-Struktur GmbH ............. B13106
Elderfield & Hall/HF-Fusion ........................ B28100
Gas Lens Galore ..................................... B19116
Orbitatum ............................................ B17050
Resistance Welding Machine & Accessory .... B33102
RWMA - Resistance Welding Manufacturing Alliance ................................ B12110
Selectrode Industries Inc ............................ B37023
Southern Copper & Supply ......................... D45256
Taylor-Winfield Technologies Inc ................. B29098
Termmei Torch & Tip Company ..................... B16113
THE ROUECHE CO LLC ............................ B33012
Tianjin Jinlong Welding Material Co Ltd .......... B16094
Wisconsin Wire Works Inc ........................ B28094

Resistance Welding Machine & Accessory .... B33102
RWMA - Resistance Welding Manufacturing Alliance ................................ B12110
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Tianjin Jinlong Welding Material Co Ltd .......... B16094
Wisconsin Wire Works Inc ........................ B28094
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<td>TapeCase Ltd</td>
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<td>TRU-FIT Products TRU-Weld</td>
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<td>Ultra Tech Industries Company Inc</td>
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# FASTENING/JOINING EQUIPMENT

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# FIBER LASERS

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# FILTERS FOR SPRAY BOOTHS

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<td>Thermo-Tron-X Inc</td>
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<td>Uni-Spray Systems Inc</td>
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# FLAME CUTTING MACHINES

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<td>Hornet Cutting Systems</td>
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<td>Kistler Cutting and Welding (Kistler GmbH)</td>
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<td>Praxair Distribution Inc</td>
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### FLDING MACHINES
- ASMAG USA Inc: D47127
- Butech Bliss: A3328
- Dreistern: A5058
- Elmaksan Makina San ve Dis Tic Ltd St: A6055
- Formtek Inc: A3975
- Jet Edge: A4531
- Julia USA: D47131
- Kent Corp: D46933
- Kent Corporation - Detricron: D45666
- Kinkelder USA: D46779
- Kolev Engineering Inc: A3558
- LINSINGER: A3505
- Pasline Performance: D47229
- Pat Mooney Saws: A3774
- T-Drill Industries Inc: D46928
- The Bradbury Group: A4375

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- Bex Spray Nozzles: B12031
- Ebcco Inc: A5036
- ERIEZ: A5950
- Mayfran International Inc: D45547

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- Chung I Silver Solder Co Ltd: B12101
- Cobra Torches Inc: B12114
- Selectrode Industries Inc: B37023
- Tianjin Jintong Welding Material Co Ltd: B16094
- voestalpine Bohler Welding USA Inc: B27068

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- LA-CO Industries Inc: B31038
- Selectrode Industries Inc: B37023

### FLUX (SUBMERGED ARC)
- Harbert's Products Inc/Allied Flux Reclaming Ltd: B27080
- Hobart Brothers: B23054
- Midalloy: B18069
- Pittarc Welding Wires: B19108
- Sorex Welding Co Ltd: B32117
- voestalpine Bohler Welding USA Inc: B27068
- Wref's Welding LLC: B19102

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- Pasline Performance: D47229
- Pat Mooney Saws: A3774
- T-Drill Industries Inc: D46928
- The Bradbury Group: A4375

### FOLDING MACHINES
- Cherung Ji Industrial Co Ltd: A6288
- CIDAN Machinery Inc: A4984
- MetalForming Inc: A2162
- Production Products Inc: A6186
- RAS Systems LLC: A4961
- Tennsmith/Roper Whitney: A5378
- The Bradbury Group: A4375

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- Fiesler Elektronik GmbH & Co: A3344
- Har-Bach: B35048
- Press Brake Safety: A3344
- SSC Controls Co: A3172
- SUNS International LLC: A3544
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- Cambridge Vacuum Engineering: B37036
- MITUSA Inc: B17096

### FURNACES, PORCELAIN ENAMELING
- George Koch Sons: B15015
- Porcelain Enamel Institute Inc: B11066

### GASKET MATERIALS
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- MSS Americas Inc: A6484

### GAS BLENDERS
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- McDantin Inc: B19095
- Superflash Compressed Gas Equipment: B33077
- WITT Gas Controls: B37050

### GAS CYLINDERS/STORAGE TANKS
- Chart Inc: B27079
- MSS Americas Inc: A6484

### GAS DISTRIBUTION & HANDLING EQUIPMENT
- Air Products and Chemicals Inc: A3545
- Airgas Inc: B19043
- Anthony Welded Products Inc: B25110
- Chart Inc: B27079
- Harris Products Group: B19030
- Pulsar: B28118
- Superflash Compressed Gas Equipment: B33077
- WITT Gas Controls: B37050

### GAS LEAK DETECTION CHEMICALS
- Superflash Compressed Gas Equipment: B33077
### GASES - CUTTING
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- Aircap Inc. .................................. B19043
- Atlas Copco .................................. A3397
- Into-N2 LLC .................................. A5188
- Morris Precision Technology Company Limited .................................. B37046
- Ningbo Kimpin Industrial Pte Ltd. ........ B15107
- Ningbo Starex Welding & Cutting Technologies .................................. B15095

### GASES - WELDING (FUEL)
- Air Products and Chemicals Inc. .......... A3545
- Aircap Inc. .................................. B19043
- Chart Inc. .................................... B27079
- Morris Precision Technology Company Limited .................................. B37046
- Ningbo Starex Welding & Cutting Technologies .................................. B15095
- Royal Smith Company ......................... B33096
- SanHex Corporation ............................ B35062

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- Air Products and Chemicals Inc. .......... A3545
- Aircap Inc. .................................. B19043
- Atlas Copco .................................. A3397
- Chart Inc. .................................... B27079
- COB Industries Inc ............................. A4545
- McDantin Inc ................................ B19095
- Ningbo Kimpin Industrial Pte Ltd. ........ B15107
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- Praxair Distribution Inc ....................... B23065

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- Atlas Copco .................................. A3397
- Into-N2 LLC .................................. A5188
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  - nano-purification solutions ................. A5021
- Parker Hannifin Industrial Gas Filtration & Generation Division .......... A6153
- Peak Scientific Instruments LTD ............ A3586

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- ESAB Welding & Cutting Products ........... B17087
- Flame Technologies Inc ...................... B37030
- Gulico International ........................ A33023

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<td>Zhejiang Changzheng Project Carbon Electrodes Co Ltd</td>
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- German Pavilion ................................ B13101
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- Team Texas .................................. A6053
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- Amada America Inc ............................. A2103
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- Chicago Pneumatic Tool Company LLC .... B13089
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- Darex LLC .................................... A3439
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- Michigan Pneumatic Tool Inc ................. B19092
- Top Cat Air Tools ................................ B23100
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- Urrea Professional Tools ..................... B12104
- Wendent USA LLC .............................. B37016
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- Agathon Machine Tools Inc .................... D45571
- DAYTON Lamina Corporation .................. D45537
- Fibro Inc ...................................... D45558
- MDL Mold & Die Components Inc ............ D45463
- SelfLube ....................................... D45447
- STEINEL Normalien AG ....................... D45266

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- OP USA Inc .................................. D46977

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- MetalForming Inc .............................. A2162
- Tennsmith/Roper Whitney ..................... A5378

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- Chicago Pneumatic Tool Company LLC .... B13089
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- Kennametal Stellite ............................ B27121
- Surface Engineering Alloy Co ................ B13087
- Surface Flow Technologies Inc/LSN Diffusion LTD .................. B24094
- Technogonia Lasercarb Technology ........... B16119
- voestalpine Bohler Welding USA Inc .......... B27068

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- Wrefs Welding LLC ............................ B19102

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- Broco Rankin ................................. B37086
- Changzhou Zhengyang Welding Material Co Ltd .................. B23114
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- Har-Bach .................................... B35048
- Hobart Brothers ............................... B23054
- Kennametal Stellite ......................... B27121
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- Surface Engineering Alloy Co ................ B13087
- Technogonia Lasercarb Technology ........... B16119
- United States Welding Corp ................. B25118
- voestalpine Bohler Welding USA Inc .......... B27068
- Washington Alloy Co ........................ B31023
- Welding Alloys USA ......................... B34059
- Wrefs Welding LLC ............................ B19102

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- Kiko Aronson Inc ............................. B17021
- Lessmann GmbH Drahtbursenfabrik ......... B14106
- Rocklin Manufacturing Co .................... A3242
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- Welding Alloys USA ......................... B34059

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- GAT Finishing Systems ....................... B15036
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- Ambrell Induction Heating Solutions ........ A3334
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Olympus America Inc ......................................................... B22005
Starrett Company .............................................................. A3350
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- Fastenal Company
- Fehr Warehouse Solutions Inc.
- HUB Industrial
- Modula Inc.

## Insurance/Workers Compensation Services

- BlueStone Advisors
- Travelers Insurance

## Inspection/Testing Equipment - Surface Finish

- Oasis Scientific Inc
- Olympus America Inc
- Robotic Technologies of Tennessee LLC
- Starrett Company
- Tinus Olsen
- Zeiss – Carl Zeiss Industrial Metrology LLC

## Inspection/Testing Equipment - Temperature

- DeFelsko Corp
- LA-CO Industries Inc.
- Marposs Corp

## Inspection/Testing Equipment - Tube/pipe

- Accurate Technology Inc
- Accurex Measurement Inc
- Advanced Tubular Technologies Inc
- Bruker Corporation
- CM Diagnostics
- Elcometer Inc
- Haven Manufacturing Corp
- Hexagon Manufacturing Intelligence
- Insperess Technologies
- INSPECTECH
- InterTest
- Metronor Inc.
- Oasis Scientific Inc
- Olympus America Inc
- OP USA Inc.
- plasmo USA LLC
- SciAps Inc.
- Starrett Company
- Thermo Fisher Scientific
- ViewTech Borescopes
- XiRis Automation Inc

## Inspection/Testing Services

- ACT Test Panels LLC
- ALS Maverick Testing Laboratories Inc
- Applied Technical Services Inc
- Dino-Lite Scopes (BigC)
- INTERTEK
- Keyence Corp of America
- Metronor Inc.
- SciAps Inc.
- Thermo Fisher Scientific
- Welder Training & Testing Institute
- Welding Consultants LLC
- Zeiss – Carl Zeiss Industrial Metrology LLC

## Ironworkers

- Baileigh Industrial Inc
- Carell Corporation
- Cleveland Steel Tool Co.
- COMEQ Inc.
- Durma North America Inc/Durmaazur
- KAST Machine Tools Inc
- KNUTH Machine Tools USA Inc
- Masteel America Corp.
- Nitto Kohki USA Inc.
- Piranha \ MegaFab
- Scotchtman Industries Inc.
- Trilogy Machinery Inc.
- US Industrial Machinery Co
- World Machinery & Saw Inc

## Job Shop/Contract Manufacturing Services - Bending & Forming

- BUWW Coverings Inc
- Cameron Mfg and Design
- Custom Rollforming Corp
- DD1 Inc
- EBM Laser/Reservoirs Depres.
- GE Mathis Co
- NOMMA
- OMNI-X USA
- R&M Manufacturing Co LLC
- Riteway Brake Dies Inc.
- Samson Roll Formed Products Co.
- Staub Manufacturing Solutions
- Tools for Bending
- Uelner Precision Tools & Dies
- Ultratech Tool & Design Inc
- Wisconsin Metal Parts Inc

## Job Shop/Contract Manufacturing Services - Coating/Painting/Plating

- Michigan Metal Coatings Inc
- The Electrocoat Association
- Valmont Coatings

## Job Shop/Contract Manufacturing Services - Coil/Toll Processing

- OMCO Rollforming Plus
- United Aluminum Corp

## Job Shop/Contract Manufacturing Services - Cutting

- Ferrato Davide SAS
- Frank Lowe
- Jarvis Cutting Tools
- Staub Manufacturing Solutions
- Unibor

## Job Shop/Contract Manufacturing Services - EDM Die Manufacturing

- Ebway LLC
- Elizabeth Carbide Components
- Quality Wire EDM Inc
- R&M Manufacturing Co LLC
- SB Whister & Sons Inc

## Job Shop/Contract Manufacturing Services - Flow Forming

- DENN - Industrias Puigjane S.A.
- Global Metal Spinning Solutions
- MJCC Engineering & Technology Inc
- PMF Industries Inc
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## MARKING EQUIPMENT - BAR CODING SYSTEMS & SUPPLIES

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## MARKING EQUIPMENT - INDENTING/EMBOSSING/ETCHING

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## MARKING EQUIPMENT - INKJET/PAINTJET/MARKERS

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Baoji Taimei New Material Technology Co Ltd .......... B28115
Cadi Co Inc .................................. B28102
Eastern Metal Supply .................................. A3477
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METALS SHAPED SUPPLIED - BEAMS & CHANNELS
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Stainless Structural LLC .................................. A6262
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Willbanks Metals Inc .................................. A3287

METALS SHAPED SUPPLIED - ADVANCED HIGH STRENGTH STEELS
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Wilco Inc .................................. D45051
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METALS SHAPED SUPPLIED - ALUMINUM/ALUMINUM ALLOYS
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Eastern Metal Supply .................................. A3477
Erickson Metals Corporation .................................. D45251
Metal Supermarkets Service Company Inc ................. A3459
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METALS SHAPED SUPPLIED - BRASS/BRASS ALLOYS
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Airo Steel Corporation .................................. D45573
Christy Metals .................................. D46268
Eagle Metals .................................. D45341
Heyco Metals Inc .................................. D45364
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United Wire Co Inc .................................. D46271
Winnox Industries Ltd .................................. B28094

METALS SHAPED SUPPLIED - BRONZE/BRONZE ALLOYS
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Christy Metals .................................. D46268
Eagle Metals .................................. D45341
Heyco Metals Inc .................................. D45364
Newland (Tianjin) Welding Material Co Ltd ................. B15108
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Southern Copper & Supply .................................. D45256
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NN Inc Power Solutions .................................. A3238
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ABC Metals Inc .................................. D45468
Airo Steel Corporation .................................. D45573
AMPCO Metal Inc .................................. D47346
Cadi Co Inc .................................. B28102
Christy Metals .................................. D46268
Eagle Metals .................................. D45341
Electrode Beam Technologies Inc ......................... B37058
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Metal Supermarkets Service Company Inc ................. A3459
Newland (Tianjin) Welding Material Co Ltd ................. B15108
NGK Metals Corp .................................. D45362
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Southern Copper & Supply .................................. D45256
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United Wire Co Inc .................................. D46271
Winnox Industries Ltd .................................. B16100
Wisconsin Wire Works Inc .................................. B28094

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Stainless Structural LLC .................................. A6262
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United States Welding Corp .................................. B25118
United Wire Co Inc .................................. D46271
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METALS SUPPLIED - NICKEL/NICKEL ALLOYS
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Eagle Metals .................................. D45341
Gibbs Metals .................................. D45049
Heyco Metals Inc .................................. D45364
JLC Electrolyte Pvt Ltd .................................. B19107
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METALS SUPPLIED - Powder Metals
Hitachi Metals America .................................. D45044
Kenneametal .................................. A5839
Kenneametal Stellite .................................. B27121
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Surface Flow Technologies Inc/LSN Diffusion LTD .......... B24094
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ABC Metals Inc .................................. D45468
United Wire Co Inc .................................. D46271

METALS SUPPLIED - Precoated
ABC Metals Inc .................................. D45468
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Reibus International .................................. A6215

METALS SUPPLIED - Steel (Carbon)
Alliance Steel .................................. A3236
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Ferrato Davide SAS .................................. A6259
Gibbs Metals .................................. D45049
MD Metals .................................. D45454
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Sugar Steel Corp .................................. A5086
Superior Die Set Corp .................................. D45337
Three D Metals Inc .................................. A5006
United Wire Co Inc .................................. D46271
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Zapp Precision Strip .................................. A3435

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Alliance Steel .................................. A3236
Gibbs Metals .................................. D45049
Hitachi Metals America .................................. D45044
Latrobe Speciality Metals Distribution ......................... D45556
Nichols Portland LLC .................................. A5137
Rolled Metal Products .................................. A5005
SB Specialty Metals LLC .................................. D45166
United Performance Metals .................................. D46255
Zapp Precision Strip .................................. A3435
### General Information

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**November 11-14, 2019 | Chicago**

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### Metals Supplied - Steel (Tool)

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**Note:** The content above is a representation of the information provided in the image. It is intended to be a readable and structured version of the data, maintaining the integrity of the original document as much as possible.
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## GENERAL INFORMATION

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**NOV 11-14, 2019 | CHICAGO**

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- Sprimag Inc ........................................ B10059
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- Wagner Systems Inc ............................... B13054

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- Arro-Mark Co LLC .................................. A3411
- Bari Coatings USA ................................. B15050
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- Cardinal Paint and Powder ......................... B15065
- Diamond Vogel – Industrial Coatings ............ B16087
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<td>Neff Press Inc</td>
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<td>Overton Tool &amp; Die</td>
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<td>Overton Tube Forming Systems</td>
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<td>Sani giacomo Presses Americas LLC</td>
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<td>JIER North America</td>
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<td>Komatsu America Industries LLC</td>
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<td>TAIYO SPRING JAPAN THAI VIETNAM</td>
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<td>Amada Marvel Inc</td>
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<td>Betenbender Manufacturing Inc</td>
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<td>Boschert Precision Machinery Inc</td>
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<td>CTD Machines</td>
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<td>Haeger Inc &amp; Pennengineering Company</td>
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<td>Jinghong Precision Industrial Co Ltd</td>
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<td>Marion Die &amp; Fixture</td>
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<td>Piranha Megafab</td>
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<td>Replacement Brush Tables</td>
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<td>Scotchman Industries Inc</td>
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<td>Stamtec Inc</td>
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<td>Tensmith/Roper Whitney</td>
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- COB Industries Inc .................... A4545
- Harris Products Group .................. B19030
- Intercon Enterprises Inc ................. B20008
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- COB Industries Inc .................... A4545
- Intercon Enterprises Inc ................. B20008
- MSS Americas Inc .................. A6484
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- Green Valley Manufacturing Inc ...... D45226
- Hilma By Carr Lane Roemheld .......... D45857
- Industrial Innovations Inc ......... D45246
- JIT Automation Inc .................. D46250
- Kosmek USA ............................ A1443
- Marion Die & Fixture ................. A5140
- Pacset er Systems ................... D46329
- Pascal Engineering Inc .............. D46064
- Rolleri USA ............................ A3599
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- Stamtec Inc ............................ D45733
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- EPSI ........................................ B18004
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- Direct Wire & Cable ............... B32053
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- Emitco Inc ............................ B10078
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- West Virginia Development Office .... A6256
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- ALM Positioners Inc ................ B31086
- ARC Specialties Inc ............... B31019
- ATI Industrial Automation .......... B29074
- Coldwater Machine Company - A Lincoln Electric Company .... B19030
- FUNAIC America Corp ........ B10020, B27033, D45305
- Genesis Systems IPS Photonics Company .............. B23038, B31053
- Hiwin Corporation ................ A1403
- ILME S.p.A ............................. A1409
- IP Automation Inc ............... D47228
- J-Tech .................................... D46348
- Kawasaki Robotics (USA) Inc .... B17074
- KUKA Robotics Corporation ...... B27038
- MiCo OPTON (USA) Inc ........ D46952
- Nabtesco Motion Control Inc ..... A1309
- Peddinghaus Corporation .......... A2147
- PrimeTest Automation Inc ...... A3108
- Pro Systems LLC - A Lincoln Electric Company .......... B19030
- Sage Automation Inc ............. A1351
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- Tennessee Rand Inc - A Lincoln Electric Co .... B19030
- THK America Inc ................. A1212
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- Wauseon Machine & Manufacturing Inc .... D47322
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- AGT Robotics ............................ B25101
- ARC Specialties Inc ............... B31019
- ATI Industrial Automation .......... B29074
- Genesis Systems IPS Photonics Company .............. B23038, B31053
- Hollibrit Inc ......................... A1452
- Kawasaki Robotics (USA) Inc .... B17074
- KUKA Robotics Corporation ...... B27038
- Norton i Saint-Gobain ............ B33062
- OnRobot US Inc .................. A1400
- OTC DAHEN Inc .................. B27024
- PushCorp Inc ........................ B37081
- Robotic Technologies of Tennessee LLC ... B18108
- Sigma DT Robotics ................ A1206
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- ARC Specialties Inc ............... B31019
- ATI Industrial Automation .......... B29074
- DCM Tech Inc ........................ A3306
- Dürr Systems Inc ................ B13066
- IntellFinishing ..................... B15041
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- PushCorp Inc .................... B37081
- System Technologies ............ B11022
- Yaskawa America Inc ........ B27056

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- Abric Binzel ........................ B19062
- Accurex Measurement Inc .... D46437
- Canon USA .......................... A1407
- Ekide SL .............................. A3137
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Prodevo Robotic Solutions Inc .... A1462
PushCorp Inc .................... B37081
STUAA Automation Co Ltd .... B12098
Sumig USA Corp .................. B33069
Thermal Dynamics ................ B17087
Wolf Robotics LLC - A Lincoln Electric Co .... B19030
Yaskawa America Inc ........ B27056
Zund America Inc ................ A4550
Leading high-efficiency, ultra-precise LS3015GC fiber laser improves performance and cutting quality of thick materials with its new 8 kW laser option.

Motorum M2044TS, Muratec’s highest-rated, spring-style punch press can now be engineered to automate with the RL1212 robotic load/unload configuration for quick, reliable processing.

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- **$3K CREDIT**
  
  Cover your trip to FABTECH 2019 with up to $3k in credits towards your new machine purchase within 60 days of the show!

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  Receive a discount code for 15% off on parts and service until March 2020!

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**8 KW FIBER LASER | LS3015GC**

Leading high-efficiency, ultra-precise LS3015GC fiber laser improves performance and cutting quality of thick materials with its new 8 kW laser option.

**ROBOTIC LOAD + UNLOAD SYSTEM | MOTORUM M2044TS**

Motorum M2044TS, Muratec’s highest-rated, spring-style punch press can now be engineered to automate with the RL1212 robotic load/unload configuration for quick, reliable processing.

**SEE OUR EXPERTS | BOOTH A4901**

Jeff Tyl,
NA Sales Manager

| Room: S401D |

**NOVEMBER 11 | 8:00 am - 9:30 am**

Move to the 21st Century: The Pro’s and Con’s of Adding Automation to Your Process

888.222.6821  muratec-usa.com/FABTECH
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## Scrap Metal Recycling Services
- ELG Metals Inc.
- Mayfrac International Inc.

## Seaming Machines
- Grothes Inc.
- MITUSA Inc.
- Pandjiris Inc.
- RAS Systems LLC.
- Taico USA.

## Security Systems/Services
- Camlock Systems Inc.
- EOS Business Surveillance Solutions.
- Mayser USA Inc.

## Sensors/Transducers
- ATI Industrial Automation.
- Balluff Inc.
- EuroGauge USA.
- Mayser USA Inc.
- Pulsa.
- Schneider Electric.
- Toledo Integrated Systems.
- TSI Inc.
- TURCK Inc.

## Service/Repair & Parts
- Astro Arc Polyoudre Inc.
- Automated Machinery Inc (AMI).
- Blast Cleaning Technologies.
- Fromm Packaging Systems.
- Gudel Inc.
- Help Lightning Inc.
- Hydraulico AS.
- Leadec Industrial Services.
- Mayfran International Inc.
- Murata Machinery USA Inc.
- Nidec Aris.
- PDS BarTech Inc.
- Phillips Saw & Tool Inc.
- Plant Engineering Services Inc.
- Tube Form Solutions.
- Wheelabrator Group.
- Yaskawa America Inc.

## Shears
- Accurpress.
- American Cutting Edge.
- ASKO Inc.
- Baykal Makine A.S.
- Betenbender Manufacturing Inc.
- Boschert Precision Machinery Inc.
- Butech Bliss.
- CIDAN Machinery Inc.
- Cincinnati Inc.
- COMEO Inc.
- Cowles Tool Co.
- Cy Laser America.
- Deefree Industries Ltd.
- Dener Makina San Tic Ltd Sı.
- Durma North America Inc.

## Shipping/Transportation Services
- Leadec Industrial Services.
- Lee Industrial Contracting.

## Shop Lighting
- Binder USA.
- LDPI Inc.
- Maxeon USA.
- Service Lamp Corp.

## Shotblasting Machines
- Blast Cleaning Technologies.
- BlastOne.
- Clemcio Industries Corp.
- Goff Inc.
- Imperial Systems Inc.
- IST International Surface Technologies.
- Pangborn LLC.
- Peddinghaus Corporation.
- PRD Company/Cagil Makina.
- Sinto America.
- Sugar Steel Corp.
- Transmet Corp.
- Viking Blast & Wash Systems.
- Voortman USA.
- W Abrasives.

## Site Selection Services
- Imperien LLC.
- INTERTEK.
- Oncor.
- Site Location Partnership (SLP).
- Texas Right Corner.
- West Virginia Development Office.

## Sludge Handling Equipment - Finishing
- DMP Corporation.
- PKG Equipment Inc.
- United Surface Solutions LLC.

## Software - Accounting/Job Costing
- ABIS Inc.
- Dataweld Inc.
- Epicor Software Corp.
- ExhibiForm.
- Genius ERP.
- Jobscope ERP.
- Microsoft Dynamics 365/Turnkey Technologies.
- MIE Solutions Inc.
- RealSTEEL Software.
- Sage.

## Software - CAD/CAM
- Advance Cutting Systems.
- Aida CAM USA LLC.
- Amada America Inc.
- Autoform Engineering USA Inc.
- AXYZ Routers and Knife Systems.
- Bend Tech.
- Bystronic Inc.
- CENIT North America Inc.
- Current Tech.
- Cy Laser America.
- data M Sheet Metal Solutions GmbH.
- Emmegi USA Inc.
- eNETONEC & Machine Monitoring.
- ESAB Welding & Cutting Products.
- FlashCut CNC.
- GibbsCAM.

## Specialized Services
- Hypertherm Inc.
- Hypertherm Inc.
- Innowetric Software Inc.
- JETCAM/NeSTONE Solutions/Thaqua Group.
- Lantek Systems Inc.
- Mazak Optonics.
SOFTWARE - CLOUD FORMATTING FOR MACHINE DATA TRACKING

SOFTWARE - COST ESTIMATING

SOFTWARE - CRM (CUSTOMER RELATIONSHIP MANAGEMENT)

SOFTWARE - DOCUMENT CONTROL

SOFTWARE - ERP (ENTERPRISE RESOURCE PLANNING)

SOFTWARE - FINISHING

SOFTWARE - FOLDING/UNFOLDING

SOFTWARE - INVENTORY/PURCHASING

SOFTWARE - LABOR/ORDER TRACKING
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### NORTH AMERICA’S LARGEST METAL FORMING, FABRICATING, WELDING AND FINISHING EVENT

**FABTECH** 2019 Official On-Site Guide & Directory

**SOFTWARE - SIMULATION**

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Lincoln Electric Co B19030
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Plant Engineering Services Inc D45061
Tennessee Rand Inc - A Lincoln Electric Co B19030
Wolf Robotics LLC – A Lincoln Electric Co B19030

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Sankyo Automation D45551
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Victory Tool . D45045
Wolfgang Loch GmbH & Co KG D45464
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- Addison Machine Engineering Inc
- Beverlin Specialty Tube
- Gasparini Spa
- Mill Masters
- Olimpia 80 Srl
- T&H Lemont

TUBE/PIPE Mills - High Frequency
- Addison Machine Engineering Inc
- ASMAG USA Inc
- Dreistern Inc
- FD Machinery
- Formtek Inc
- Gasparini Spa
- Kent Corp
- Kent Corporation - Dietchronic
- Mill Masters
- Olimpia 80 Srl
- OMCO Rollforming Plus
- PM SAS
- Rafter Equipment Corp
- T&H Lemont
- Thermatool Corp
- Universal Tube & Rollform Equipment Corp
- Welser Inc

TUBE/PIPE Mills - Induction
- Addison Machine Engineering Inc
- Ajax Tocco Magnethermic Corp
- Mill Masters
- MILLAR Induction
- PM SAS
- Rafter Equipment Corp
- T&H Lemont
- Thermatool Corp

TUBE/PIPE Mills - Laser
- Bystronic Inc
- Dreistern Inc
- IPG Photonics
- Mill Masters
- Nukon USA
- Olimpia 80 Srl
- PM SAS
- Rafter Equipment Corp
- Welser Inc

TUBE/PIPE Mills - Spiral
- Beverlin Specialty Tube
- LINSINGER
- PRD Company/Cagil Makina

TUBE/PIPE Mills - Welding Power Supplies
- Elderfield & Hall/Pro-Fusion

TUBE/PIPE Notching Machines
- Angle-Rite® Clamping System
- Bend Tech
- BLM Group
- Ercolina - CML USA Inc
- Heck Industries
- INNOVO Corporation
- ITC - Innovative Tube Equipment
- JD Squared Inc
- Proto-1 Manufacturing
- Scottchman Industries Inc
- Uniflex Of America
- UniPunch Products Inc
- World Machinery & Saw Inc

TUBE/PIPE Piercing Machines
- BLM Group
- INNOVO Corporation
- ITC - Innovative Tube Equipment
- J&S Machine Inc
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TUBE/PIPE Ram Benders
- Boschert Precision Machinery Inc
- ITC - Innovative Tube Equipment
- J&S Machine Inc
- Pines Engineering/H&H Tooling
- Transfluid Maschinenbau GmbH

TUBE/PIPE Reducers
- BLM Group
- FINN
- Huth Ben Pearson International LLC
- Transfluid Maschinenbau GmbH

TUBE/PIPE Roll Benders
- Alpine Bender Machinery
- AMOB SA
- BLM Group
- BOLDRINI
- Carell Corporation
- COLE-TUVE Inc
- DAW Inc
- Dynobend BV
- Ercolina - CML USA Inc
- Engineering AB
- Horn Machine Tools Inc
- ITC - Innovative Tube Equipment
- J&S Machine Inc
- KAAST Machine Tools Inc
- MG Srl
- Miic OPTON (USA) Inc
- OMNI-X USA
- Peter Prinzling GmbH
- Revolution Machine Tools
- ROUNDO
- Star Bend - Star Technology Srl
- Transfluid Maschinenbau GmbH

TUBE/PIPE Rotary Draw Benders
- Alpine Bender Machinery
- AMOB SA
- Baileigh Industrial Inc
- BLM Group
- Carell Corporation
- Chiyoda Kogyo-Maruka USA
- Comco USA Inc
- Crippa SPA
- Dynobend BV
- Ercolina - CML USA Inc
- Han Jie Machinery Co Ltd
- Herber Engineering AB
- Horn Machine Tools Inc
- ITC - Innovative Tube Equipment

TUBE/PIPE Scarfing Equipment
- ESCD Tool Co
- Gem Tool Corporation
- Saar Hartmetall USA LLC

TUBE/PIPE Serpentine Benders
- AMOB SA
- BLM Group
- Chiyoda Kogyo-Maruka USA
- Comco USA Inc
- Herber Engineering AB
- ITC - Innovative Tube Equipment

TUBE/PIPE Stands/Jacks/Positioners
- Angle-Rite® Clamping System
- CH Steel Solutions Inc
- FIT RITE Systems LLC
- H&M Pipe Beveling Machine Co Inc
- Koike Aronson Inc
- Ndah Industrial Technology Wuxi Co Ltd
- Ridgid
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| TUBE/PIPE SUPPLIED - ALUMINUM      | Alpine Bender Machinery  | D46768|
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| TUBE/PIPE SUPPLIED - CARBON CONTENT (LOW) | Sugar Steel Corp | A5086 |

| TUBE/PIPE SUPPLIED - COATED TUBES  | Jindal (India) Limited | D47350|

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| TUBE/PIPE SUPPLIED - COPPER        | Three D Metals Inc      | A5006 |

| TUBE/PIPE SUPPLIED - DRAINAGE      | Jindal (India) Limited | D47350|

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|                                   | Vegia                   | D47154|
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|                                   | PT Peroni Karya Sentra  | D47329|
|                                   | Ying Chivan Corp        | D47238|

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| TUBE/PIPE SUPPLIED - GALVANIZED AND CLAD TUBES (ZN, CU, SN ETC.) | Nordfab Ducting | A3538 |

| TUBE/PIPE SUPPLIED - HYDROFORMED TUBES | Alpine Bender Machinery | D46768 |

| TUBE/PIPE SUPPLIED - LINE CONSTRUCTION (WATER, OIL, GAS, VAPOUR) | Jindal (India) Limited | D47350 |

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<td>Ningbo Jamson Machinery Manufacturing Co Ltd</td>
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<td>ALS Maverick Testing Laboratories Inc</td>
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<td>Bluco Corp</td>
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WELDING - ARC (GMAW) MACHINES & COMPONENTS

Boostweld  ........................................... B32098
Bore Repair Systems Inc ..................... B20104
BUG-O Systems  ................................ B31031
CM Industries Inc  ............................. B27092
CMF  .................................................. A5123
D/F Machine Specialties Inc ................ B24006
Dinse Inc  ............................................ B20113
Easom Automation - A Lincoln Electric Co ... B19030
Encompass Machines Inc ..................... B19104
ESAB Welding & Cutting Products ........ B17087
FANUC America Corp  ............. B10020, B27033, D45305
Genesis Systems IPG Photonics Company ............................................ B23038, B31053
Gullico International  ......................... B33023
Har-Bach  ............................................ B35048
Hollbrt Inc  .......................................... A1452
InterTest  ............................................. B20094
KUKA Robotics Corporation ................. B27038
Lincoln Electric  .................................. A3743, D46355
Lincoln Electric Co  ......................... B19030
Miller Electric Mfg LLC ................... B19054, B23054
Ningbo Dabus Welding Technology Co Ltd .... B23097
Norgren Automation Solutions LLC ....... B45651
Novarc Technologies Inc ................... B19602
OTC DAIHEN Inc  ............................... B27024
Pader Marketing Group ..................... B29100
Panasonic Systems Solutions Company of America .................................. B23074
Pemamek LLC  ................................. B35050
Pittarc Welding Wires ......................... B19108
POWER ROBOT  ................................ B25151
Praxair Distribution Inc ............. B30605
Robotic Technologies of Tennessee LLC .... B18108
SanRex Corporation .......................... B35602
Serimax North America LLC .............. B25114
Shenzhen Riland Industry Co Ltd .......... B17110
SSC Controls Co ........... B30605
STUAA Automation Co Ltd ............... B12098
Sumig USA Corp  ................................. B33069
Tec Welding Products ......................... B31094
Termmei Torch & Tip Company .......... B16113
Tip Tig USA LLC  ................................. B21096
Traffinet Group S.p.a.  ..................... B32110
UNIARC  ............................................ B31119
Weldpro  ............................................ B27113

WELDING - ARC (PLASMA) MACHINES & COMPONENTS

AMET Inc  ........................................... B35026
ARC Specialties Inc  ... B31019
Bluco Corp  ......................................... B35022
CMF  .................................................. A5123
D/F Machine Specialties Inc ............ B24006
Diamond Ground Products Inc ........ B37034
Dinse Inc  ............................................ B20113
Eldriferd & Halli/Pro-Fusion .............. B28100
Encopmass Machines Inc ................... B19104
ESAB Welding & Cutting Products ........ B17087
Gas Lens Galore  ............................... B19116
Genesis Systems IPG Photonics Company ............................................ B23038, B31053
Har-Bach  ............................................ B35048
Miller Electric Mfg LLC ................... B19054, B23054
Ningbo Dabus Welding Technology Co Ltd .... B23097
Panasonic Systems Solutions Company of America .................................. B23074
POWER ROBOT  ................................ B25115
SanRex Corporation ......................... B35602
Serimax North America LLC .............. B25114
Shenzhen Riland Industry Co Ltd .......... B17110
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Sumig USA Corp  ................................. B33069
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Termmei Torch & Tip Company .......... B16113
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Traffinet Group S.p.a.  ..................... B32110
UNIARC  ............................................ B31119
Weldpro  ............................................ B27113

WELDING - ARC (STUD) MACHINES & COMPONENTS

ALS Maverick Testing Laboratories Inc .... B22096
ARC Specialties Inc  ... B31019
Bollhoff USA  ................................ B31100
HBS Stud Welding Partners ............ B37048
International Welding Technologies Inc .... B37053
Kent Stud Welding ......................... B16108
Keystone Fastening Technologies ......... B25096
Panasonic Systems Solutions Company of America .................................. B23074
Southern Stud Weld Inc ................. B37084
TRU-FIT Products TRU-Weld .......... B36086

WELDING - ARC (SUBMERGED) MACHINES & COMPONENTS

ALS Maverick Testing Laboratories Inc .... B22096
AMET Inc  ........................................... B35026
ARC Specialties Inc  ... B31019
ArcBoss  ............................................ B19117
Arch Polysoude Inc  ......................... B19068
Bluco Corp  ......................................... B35022
Boostweld  ......................................... B32098

WELDING - CAPACITOR DISCHARGE

ACT Automotive NA  ................... B15116
Amada Miyachi America  .................. B37012
Dahching Electric Industrial Co Ltd ........ B32101
Dengensha America Corp ............. B23070
International Welding Technologies Inc .... B37053
JHP Fasteners Inc  ......................... A3356
Kent Stud Welding ................. B16108
Keystone Fastening Technologies ......... B25096
Neilson Stud Welding Inc ....... B31043
Resistance Welding Controls LLC .... B15115
RoMan Manufacturing Inc ............... B21004
Southern Stud Weld Inc ............ B37084
T. J. Snow Company ................. B28012
TRU-FIT Products TRU-Weld .......... B36086
WeldComputer  ................................. B24102

WELDING - ELECTRON BEAM MACHINES & COMPONENTS

Cambridge Vacuum Engineering  .......... B37036
FOCUS GmbH  ................................. B13103
MC Machinery Systems Inc ........ A2923
pro-beam GmbH & Co KgA ...... B14103
PTR-Precision Technologies Inc .... B19068

WELDING - ELECTRONIC

Gesswein Co. .......... B21104
HYMSON  .......................................... A4396
Resistance Welding Controls LLC .... B15115
UltraTech International Inc .... B20097
WeldComputer  ................................. B24102

WELDING - FIXED WELD AUTOMATION SYSTEMS

Abicor Binzel  ................................. B19062
ACT Automotive NA  ................... B15116
ALM Positioners Inc ............... B31086
Andersen Industries Inc ....... B33086
BUG-O Systems  ......................... B31031
Encopmass Machines Inc ................ B19104
Fabrication Solutions & Technologies Inc .... A4590
Hollibit Inc  ................................. A1452
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<td>Mechanical Equipment Co Ltd.</td>
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**WELDING - FRICION STIR WELDING**

- FPT Industrie Spa: B25108
- KUKA Robotics Corporation: B27038

**WELDING - INDUCTION MACHINES & COMPONENTS**

- Ajax Tocco Magnetheter Corp: D46777
- edlec LLC: B30102
- EMMEDI: D46777
- GH Induction Atmospheres LLC: B24093
- PILLAR Induction: D46777
- Taylor-Winfield Technologies Inc: B28098
- Ultraflex Power Technologies Corp: D46965

**WELDING - LASER BEAM MACHINES & COMPONENTS**

- ADDere: B17035
- ANDRITZ Soutec & RWC Inc: A5984
- Assembly Automation Alternatives: A5977
- Civan High Power Lasers: A4187
- Coractive High Tech Inc: A6325
- Cy Laser America: A3118, A3301
- FOCUS GmbH: B13103
- Foshan Beyond Laser Technology Co Ltd: A5784
- II-VI Highyag: B37026
- Imperial Systems Inc: B29083
- IP Photonics: B19038
- LAP Laser LLC: A3462
- Laser Mechanisms Inc: A3364
- Laserline Inc: A4150
- Lasermet Inc: A1247
- LaserStar Technologies Corp: A6114
- MC Machinery Systems Inc: A2923
- NUBURU: B21115
- PRC Laser Corp: A5789
- PTR-Precision Technologies Inc: B19068
- Well Engineering North America: D46441

**WELDING - MICRO WELDING**

- ACT Automotive NA: B15116
- Alpha Laser US: A4355
- Amada Miyachi America: B37012
- FOCUS GmbH: B13103
- Gesswein Co: B21104

**WELDING - ORBITAL MACHINES & COMPONENTS**

- Astro Arc Polysoude Inc: B19068
- AXXAIR USA: B25113
- Clark Fixture Technologies: D46422
- E.H. Wachs/Orbitalum: B17050
- Encopmas Machines Inc: B19104
- Libardi Automation Inc/Libardi Dimetrica Corporation: B34032
- Lincoln Electric Automation: B19030
- MK Products Inc: B31026
- Orbitum: B17050
- Tip Tig USA LLC: B21096
- Tri Tool Inc: B17108
- Well Engineering North America: D46441

**WELDING - OXSYFLUE MACHINES & COMPONENTS**

- AlumaReel USA: B13096
- Cobra Torches Inc: B12114
- Genstar Technologies Co Inc (GENTEC): B33034
- Kistler Cutting and Welding (Kistler GmbH): B33111
- Miller Electric Mfg LLC: B19054, B23054
- Uniweld Products Inc: B33072
- Witt Gas Controls: B37050

**WELDING - PLASTIC WELDING MACHINES & COMPONENTS**

- Emitted Energy: B10078
- Pro Spot International: B21094

**WELDING - PORTABLE MIG WELDER**

- AMET Inc: B35026
- Baileigh Industrial Inc: A5314
- Broco Rankin: B37086
- ESAB Welding & Cutting Products: B17087
- IAP Air Products: B28121
- Miller Electric Mfg LLC: B19054, B23054
- Ningbo Dabu Welding Technology Co Ltd.: B23097
- Pro Spot International: B21094
- Shenzen Riland Industry Co Ltd.: B17110
- UltraTech International Inc: B20097
- UNIARC: B31119
- W Weldpro: B27113

**WELDING - RESISTANCE (FLASH & UPSET) MACHINES & COMP.**

- Automation International Inc: B32096
- Dahching Electric Industrial Co Ltd.: B32101
- Golden Spot Machinery (Tiacang) Co Ltd.: B32116
- Ideal Welding Systems LP: B33054
- IP Automation Inc: D47228
- Kimak NA Inc: B20117
- RoMan Manufacturing Inc: B21004

**WELDING - RESISTANCE WELDING CONTROLS**

- AMADA Miyachi America: B37012
- DENGESHA America Corp: B23070
- GE Schmidt Inc: B28096
- Golden Spot Machinery (Tiacang) Co Ltd.: B32116
- Heron Intelligent Equipment Co Ltd.: B19098
- Matuschek Welding Products Inc: B14113
- NIKAGI NA Inc: B20117

**WELDING - RESISTANCE (SEAM) MACHINES & COMPONENTS**

- ANDRITZ Soutec & RWC Inc: A5984
- Automation International Inc: B32096
- Bruderer Machinery: D45738
- Cadi Co Inc: B28102
- Daehching Electric Industrial Co Ltd.: B32101
- Dengensha America Corp: B32070
- Golden Spot Machinery (Tiacang) Co Ltd.: B32116
- Heron Intelligent Equipment Co Ltd.: B19098
- Luvata Ohio Inc: B22014
- NIKAGI NA Inc: B20117
- Production Products Inc: A6186
- RoMan Manufacturing Inc: B21004
- T. J. Snow Company: B28012
- Taylor-Winfield Technologies Inc: B28008
- THE ROUECHE CO LLC: B33012
- WeldComputer: B24102
WELDING - RESISTANCE WELDING CONTROLS

Resistance Welding Machine & Accessory ........................................ B33102
RoMan Manufacturing Inc ............................................................... B21004
Southern Copper & Supply ............................................................ D45256
T. J. Snow Company ...................................................................... B28012
THE ROUACHE CO LLC ................................................................. B33012
WeldComputer ................................................................................ B24102

WELDING - SOLID STATE (FRICTION, ULTRASONIC, EXPLOSIVE) MACH. & COMP.

Coldwater Machine Company - A Lincoln Electric Company .......... B19030
FPT Industries SpA .......................................................................... B25108

WELDING BLANKETS

Auburn Manufacturing Inc ............................................................... B20115
AVS Industries LLC ......................................................................... B37062
John Tillman Co ............................................................................ B33038
New Fire Co Ltd ............................................................................... B24109
PDS BarTech Inc ............................................................................ B33079
Shaver Industries ............................................................................ B31102
Shiner Industries ............................................................................ B31047
Surewax USA Inc ........................................................................... B17046
Techflex Inc .................................................................................... A5777
Thermal Tech & Temp ..................................................................... B22117
Weldas Co LLC .............................................................................. B33059
Wuzhou Ally Protect Co Ltd ............................................................ B12107

WELDING FLASHBACK ARRESTERS

Cobra Torches Inc ........................................................................... B12114
Kaye Products Co Ltd ..................................................................... B33094
Koike Aronson Inc ........................................................................ B17021
Morris Precision Technology Company Limited ......................... B37046
Ningbo Starex Welding & Cutting Technologies ......................... B15095
Superfast Compressed Gas Equipment ........................................ B33077
Uweld Technologies Co Ltd ............................................................ B16099
WITT Gas Controls ......................................................................... B37050

WELDING FLUX RECOVERY SYSTEMS

Harbert’s Products Inc/Allied Flux Reclaiming Ltd ......................... B27080
Primo Automation Systems .............................................................. B21116
Weld Engineering Co ................................................................. B18035
Wuxi Datang Welding & Cutting Mechanical Equipment Co Ltd .... B20093

WELDING GUNS/TORCHES

Abicor Binzel ............................................................................... B19062
Airgas Inc ....................................................................................... B19043
American Torch Tip Co Inc ............................................................ B35043
American Weldquip LLC ................................................................. B17059
Bernard ......................................................................................... B23054
Boostweld ..................................................................................... B32098
BUG-O Equipment ........................................................................ B31031
Changzhou Asia Science & Technology Co Ltd .......................... B16092
Changzhou Huari Welding & Cutting Machinery Co Ltd .............. B23099
CK Worldwide ................................................................................ B33015
CM Industries Inc ......................................................................... B27092
D/F Machine Specialties Inc ........................................................... B24006
Dengshena America Corp .............................................................. B23070
Dinse Inc ....................................................................................... B20113
ESAB Welding & Cutting Products .............................................. B17087
Gas Lens Galore ........................................................................... B19116
Koyo Products Co Ltd ................................................................... B33094
Lincoln Electric ............................................................................ A3743
Lincoln Electric Co ......................................................................... B19030
Miller Electric Mfg LLC ................................................................. B19054, B23054
MK Products Inc ........................................................................... B31026
Morris Precision Technology Company Limited ....................... B37046
Ningbo Jamson Machinery Manufacturing Co Ltd ..................... B15093
Primo Automation Systems ............................................................ B21116
Roy Smith Company ....................................................................... B33096
Sumig Usa Corp ............................................................................. B33069
TEC Welding Products .................................................................. B31094
Thermacut Inc ............................................................................... B19062
Trafimet Group S.p.a ...................................................................... B23110
Tregaskis ....................................................................................... B23054
TRU-FIT Products TRU-Weld ........................................................ B36086
UltraTech International Inc ........................................................... B20097
Uniweld Products Inc ..................................................................... B33072
Uweld Technologies Co Ltd ............................................................ B16099
Wire Wizard Welding Products ..................................................... B35031
Zhejiang Jingwei Welding & Cutting Technology Co Ltd ............ B15113

WELDING HELMETS, RESPIRATORS & ACCESSORIES

3M ................................................................................................... B33045
Airgas Inc ...................................................................................... B19043
Aketek Industries ......................................................................... B28117
Allego Industries ........................................................................... B20096
American Weldquip LLC ............................................................... B17059
Antra Technologies Co Ltd ............................................................. B12108
ArcOne .......................................................................................... B35079
Artoric .......................................................................................... B23102
Boostweld ...................................................................................... B32098
Changzhou Asia Science & Technology Co Ltd .......................... B16092
Changzhou Shine Science & Technology Co Ltd ........................ B15094
Cobra Torches Inc .......................................................................... B12114
Dentec Safety Specialists .............................................................. B28114
ESAB Welding & Cutting Products .............................................. B17087
Henan Xinxing Arts and Crafts VE Co Ltd ................................ B15098
Jiangsu Meixin Optoelectronics Technology Co Ltd .................. B15099
Lincoln Electric ............................................................................ A3743
Lincoln Electric Co ......................................................................... B19030
Miller Electric Mfg LLC ................................................................. B19054, B23054
Ningbo Dabu Welding Technology Co Ltd ................................ B23097
Optrel Inc ....................................................................................... B31012
Penny Weld LLC ............................................................................ B33117
Plymovent Inc .............................................................................. B21101
Steel Vision Tools .......................................................................... B16115
Surewax USA Inc .......................................................................... B17046
TECMEN Electronics Co Ltd ......................................................... B24114
Trafimet Group S.p.a ...................................................................... B32110
Washington Alloy Co ..................................................................... B31023
Weldcote Metals ............................................................................ B35060
Wuhan Welhel Photoelectric Co Ltd ............................................ B16093
Wuzhou Ally Protect Co Ltd ............................................................ B12107

WELDING INSERTS (CONSUMABLE)

Aqualoc Corp ................................................................................. B17012
Fastenal Company .......................................................................... B35077
igm Robotic Systems Inc ............................................................... B19068

WELDING POWER CABLES & CONNECTORS/LUGS

Direct Wire & Cable ......................................................................... B32053
Electron Beam Technologies Inc ................................................... B37058
Kalas Wire Inc ................................................................................. B27083
Trystar Inc ...................................................................................... B33074
Zhejiang Jingwei Welding & Cutting Technology Co Ltd ............ B15113

WELDING POWER SUPPLIES - GMAW/GTAW

Astro Arc Polysoude Inc ................................................................ B19068
Blue Demon Welding Products ..................................................... B34081
CK Worldwide ............................................................................... B33015
ESAB Welding & Cutting Products .............................................. B17087
Foshan Sanqiao Welding Industrial Co Ltd ................................ B16102
Liburdi Automation Inc/Liburdi Dimetrics Corporation ................ B34032
Lincoln Electric ............................................................................ A3743
Lincoln Electric Co ......................................................................... B19030
Miller Electric Mfg LLC ................................................................. B19054, B23054
MK Products Inc ........................................................................... B31026
Shandong Astal Electric Co Ltd ...................................................... B29087
Shanghai TAYOR Welding Machine Co Ltd ................................ B31116
UNIARC ......................................................................................... B31119

WELDING POWER SUPPLIES - INDUCTION

Ajax Tocco Magnethermic Corp ...................................................... D46777
Ambrell Induction Heating Solutions ............................................. A3334
eldec LLC....................................................................................... B30102
EMMEDI ......................................................................................... D46777
GH Induction Atmospheres LLC .................................................... B24093
Miller Electric Mfg LLC ................................................................. B19054, B23054
Ultraflex Power Technologies Corp ............................................. D46965

WELDING POWER SUPPLIES - LASER

NIBURU ........................................................................................ B21115

WELDING POWER SUPPLIES - ORBITAL

Astro Arc Polysoude Inc ................................................................ B19068
AXXARIA USA ............................................................................... B25113
E.H. Wachs/Orbitalum ................................................................. B17050
Liburdi Automation Inc/Liburdi Dimetrics Corporation ................ B34032
Lincoln Electric ............................................................................ A3743
Lincoln Electric Co ......................................................................... B19030
Magnatech LLC ............................................................................ B33026
MK Products Inc ........................................................................... B31026
Orbitalum ....................................................................................... B17050
Shandong Astal Electric Co Ltd ...................................................... B29087
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<td>Uweled Technologies Co Ltd</td>
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<td>Wire Wizard Welding Products</td>
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<tr>
<td>Zhejiang Jingwei Welding &amp; Cutting Technology Co Ltd</td>
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# WELDING WIRE

<table>
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<tr>
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<tbody>
<tr>
<td>Aimtek Inc</td>
<td>B29102</td>
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<td>Aigas Inc</td>
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<td>Arc-Zone.Com Inc</td>
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<td>Broco Rankin</td>
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<td>Cobra Torches Inc</td>
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<tr>
<td>COR-MET INC</td>
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<tr>
<td>CWI Welding Generation4</td>
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<tr>
<td>DURUM Verschleiss-Schutz GmbH</td>
<td>B13106</td>
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<tr>
<td>ESAB Welding &amp; Cutting Products</td>
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<tr>
<td>Golden Eagle Minmetals (Beijing) Welding Materials Co Ltd</td>
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<td>Hobart Brothers</td>
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<tr>
<td>JLC Electromet Pvt LLC</td>
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<td>Kalis Wire Inc</td>
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# WELDING WIRE (ALUMINUM)

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<tr>
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<td>Surface Engineering Alloy Co</td>
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# WELDING WIRE (COPPER)

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<td>Chung I Silver Solder Co Ltd</td>
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<tr>
<td>Luvata Ohio Inc</td>
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<td>Trystar Inc</td>
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# WELDING WIRE (NICKEL)

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<td>Golden Eagle Minmetals (Beijing) Welding Materials Co Ltd</td>
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<td>Surface Engineering Alloy Co</td>
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# WELDING WIRE (STAINLESS STEEL)

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<tr>
<td>Anand Arc Ltd</td>
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<td>Baoji TaiMei New Material Technology Co Ltd</td>
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<td>Lincoln Electric</td>
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<td>Lincoln Electric Co</td>
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- National Standard .......................................................... B33067
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- Hobart Brothers ........................................................... B23054
- Lincoln Electric .............................................................. A3743
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