

# THE OFFICIAL ON-SITE GUIDE & DIRECTORY

FABTECH 2017

CHICAGO  
NOV 6–9

LEARN | MEET | EXPLORE | BE PART OF THE

# INDUSTRIAL EVOLUTION

EXPERIENCE THE FUTURE OF  
METAL FABRICATING AND MORE  
— ONLY AT FABTECH



NORTH AMERICA'S LARGEST METAL FORMING,  
FABRICATING, WELDING AND FINISHING EVENT

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# INNOVATION

WE'RE LIGHTING UP THE INDUSTRY. AGAIN.

## EVEN MORE REBEL™

Rebel EMP 265ic AC/DC – Introducing the world's first-ever all-process machine, complete with MIG, Flux-Cored, Stick, DC TIG, and now AC TIG welding capabilities.

Rebel EMP 265ic – The most industrial Rebel yet, Rebel 265ic is capable of welding up to 360 A. This machine is available as a single- or three-phase unit and is able to weld the full range of .035 and .045 wire in short arc or spray transfer without sacrificing duty cycle.

## WELDING AUTOMATION

Get a look at the new heavy-duty automated welding gantry for high-productivity submerged arc welding, featuring two new control systems and ESAB's ICE™ process.

## EDGE® SERIES 2.0

Innovation. Performance. Safety. Ease of use. The Victor® EDGE Series 2.0 redefines industrial gas control yet again.

## CUTMASTER® 60i

The perfect combination of end-user insight, advanced technology, and intelligent design, the Thermal Dynamics Cutmaster 60i produces the most empowering user experience around – and it's now available as a three-phase unit.

## SENTINEL® A50

The year's biggest story in personal protection – the Sentinel A50 welding helmet – is back and now available with an optional hard hat adaptor.

## ROBOTIC WELDING

See a live demo of the Avisor Mig 5000W power source with WeldCloud™ and the all-new iConnect HMI that delivers improved welding performance, higher productivity, and easy integration.

## PURUS® 42

The newest post-weld cleanup tool isn't a tool at all. It's Purus 42 – an alloyed solid wire that minimizes Si-leads and drastically reduces cleanup time.

## RENEGADE® ES 300i AND ET 300iP

Renegade is a 10-pound, groundbreaking combination of portable and powerful. Now this year is the Renegade ET 300iP, a pulse TIG machine that's available with or without a water cooler.

## FILLER METALS

Stop by our interactive filler metal hub to chat with technical experts and sign up to receive a free copy of our latest Filler Metal Data Book.

## CUTTING AUTOMATION

The future of plasma cutting is here with the arrival of the DMX automated plasma beveler – powered by SmartBevel™ Technology for easier programming and accurate bevel cutting with minimal operator intervention.

Stop by booth B17074 to experience all of this innovation firsthand.



# GET CONNECTED with TRUMPF



FABTECH is the perfect opportunity to get connected with TRUMPF. With best in class equipment, automation components, vertical software solutions and experts that guide you every step of the way, TRUMPF is in the best position to support your smart factory. The demands of producing a high volume production of parts with smaller lot sizes require solutions that stay connected, adapt quickly and operate efficiently. TRUMPF provides solutions from stand alone machines to full systems across a wide range of processes. If efficient manufacturing is in your future, we invite you to stop by our booths at FABTECH and start your smart connection today.

FABTECH Booths A2601, B11013, B103 / [www.trumpf.com](http://www.trumpf.com)

# POWER+



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

**BOOTH#A4001**  
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## 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, Chicago, Illinois.

### GENERAL INFORMATION

Beginning on page 8, 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 16, preview schedules and room locations for the FABTECH Education Program including seminars, technical conferences and professional programs for the 2017 event. In addition, turn to pages 20 - 24 to find a schedule of Special Events occurring at FABTECH 2017.

### 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 09/27/17.

### 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 186, 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 North Building, Hall B and Hall C and one for exhibitors located in the South Building, Hall A.

### THANK YOU TO OUR SHOW SPONSORS

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## 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 trade show and conference 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).



### ► NEW FOR 2017!

#### 3D/ADDITIONAL MANUFACTURING PAVILION

Additive Manufacturing is one of the fastest-growing technologies of the 21st century and FABTECH has taken notice. To accommodate the increasing interest in this technology, FABTECH has added the new 3D/Additive Manufacturing Pavilion featuring over 25 exhibitors and a 3D/Additive Theater that will offer daily presentations, education and networking for attendees interested in learning more about Additive Manufacturing.

#### EXPANDED TUBE PRODUCERS & SUPPLIERS PAVILION

FABTECH, in a joint venture with Messe Düsseldorf, showcases an expanded Tube & Pipe Pavilion to bring the latest technology from all over the world to meet the needs of users of tube and pipe profiles.



### ► SHOW DATES & HOURS

#### MONDAY, NOVEMBER 6

10:00 AM – 6:00 PM

#### TUESDAY, NOVEMBER 7

9:00 AM – 5:00 PM

#### WEDNESDAY, NOVEMBER 8

9:00 AM – 5:00 PM

#### THURSDAY, NOVEMBER 9

9:00 AM – 3:00 PM

### ► LOCATION

#### McCORMICK PLACE

2301 S. King Drive | Chicago, IL 60616

[mccormickplace.com](http://mccormickplace.com)

### ► ON-SITE SHOW REGISTRATION

#### LOCATION: Event Registration is located in S100 Ballroom, Hall C & West Transportation Lobby

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.

EXHIBITOR REGISTRATION			
Sunday	Nov. 5	10:00 AM	3:00 PM
Monday	Nov. 6	7:00 AM	5:00 PM
Tuesday	Nov. 7	7:30 AM	4:00 PM
Wednesday	Nov. 8	7:30 AM	4:00 PM
Thursday	Nov. 9	7:30 AM	2:00 PM

#### ATTENDEE REGISTRATION

Monday	Nov. 6	7:00 AM	5:00 PM
Tuesday	Nov. 7	8:00 AM	4:00 PM
Wednesday	Nov. 8	8:00 AM	4:00 PM
Thursday	Nov. 9	8:00 AM	2:00 PM



### 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 N427D. 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.

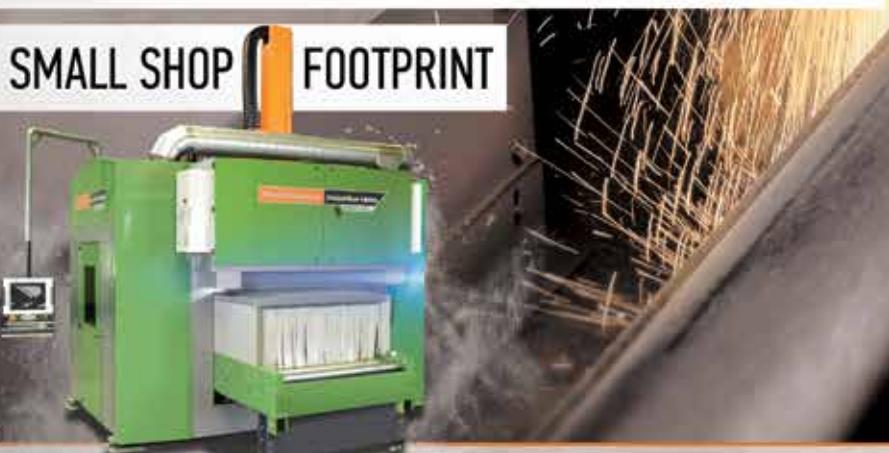
# PEDDIBOT

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HIGH SPEED PLASMA BEVELING AND ARCWIRTING

ADVANCED VISION SYSTEM ELIMINATES PROBING

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Robotic Thermal Processor

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## HOW TO LOCATE EXHIBITORS ON THE SHOW FLOOR

### EXHIBITOR BOOTHS

The show encompasses both the North Building, Hall B and Hall C, and the South Building, Hall A at McCormick Place. The exhibitor booths are arranged in six (6) technology areas. Overhead signs are displayed throughout the show floor to indicate each technology area, making it convenient for you to find and compare products and services of interest. In addition, the directory includes a floor plan which is color-coded by these six technology areas:



### 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 light bulb at their booth. In addition, you can look for this 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 xx.

### 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 McDonalds; 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, Master Card, Cirrus and Plus.

### BADGE CORRECTIONS

Anyone who needs changes to a show badge can go to registration in the S100 Ballroom, Hall C or West Transportation Lobby.

### BADGE PICK UP

Pre-registered attendees can pick up their show badge in the S100 Ballroom, Hall C or West Transportation Lobby.

### BAGGAGE CHECK/COAT CHECK LOCATIONS

**1. Permanent Location** near Gate #4 at the entrance to the Hyatt McCormick Place

**2. South Building, West Transportation Lobby, Room 101**

DAY	HOURS OF OPERATION
Mon. November 6	8:00 AM – 6:00 PM
Tue. November 7	7:00 AM – 6:00 PM
Wed. November 8	7:00 AM – 6:00 PM
Thur. November 9	7:00 AM – 5:00 PM

**3. Gate 26**

DAY	HOURS OF OPERATION
Mon. November 6	7:00 AM – 6:00 PM
Tue. November 7	7:00 AM – 6:00 PM
Wed. November 8	7:00 AM – 6:00 PM
Thur. November 9	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 until 5:00 PM.

**Satellite stores are also located on:** Level 2 in the West Building and Level 2 in Lakeside Center.

These are open based on event activity in the facility.

### FIRST AID

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** nearby the Arie Crown Theater Dressing Room Entrance

**South and North Buildings - Level 2.5** of the Grand Concourse nearby the FedEx Office

**West Building - Level 1** nearby the Transportation Center.

### LOST AND FOUND

Check for lost items in the Security Office Room S400C, or also 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 N427D.

### Hours of Operation

Mon. November 6	8:00 AM – 6:00 PM
Tue. November 7	8:00 AM – 5:00 PM
Wed. November 8	8:00 AM – 5:00 PM
Thurs. November 9	8:00 AM – 3:00 PM

### VIP LOUNGE

The VIP lounge is located in Room N427A and is open during show hours to those individuals that have a 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 41

**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 [www.scootaround.com/rentals/m/mccormickplace](http://www.scootaround.com/rentals/m/mccormickplace).

## RESTAURANTS AT MCCORMICK PLACE

**23rd St. Café & Market** - The recently opened market gives attendees choices in menu and service options with a seated Café section and a "grab-n-go" Market. Connected to the Main Concourse by a new bridge, the Café's menu items feature ingredients grown in their own Rooftop Garden.

**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** – Located in Hall C & Vista Ballroom. Open for lunch during FABTECH 2017.

### DAYS HOURS OF OPERATION

Monday, November 6 ..... 11:00 AM - 2:30 PM

Tuesday, November 7 ..... 11:00 AM - 2:30 PM

Wednesday, November 8 ... 11:00 AM - 2:30 PM

Thursday, November 9 ..... 11:00 AM - 2:30 PM

**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

**Lakeside Café** - Enjoy a spectacular view of Lake Michigan – features cold sandwiches, pizza, salads, snacks and beverages.

**Manny's** - A Chicago tradition can now be enjoyed at McCormick Place! Try the signature Corned Beef, Peppery Pastrami Sandwiches or the famous Crisp Potato Pancakes! Located in the South Hall Food Court.

**McDonalds Express** - Featuring classic All-American favorites. Located on level 2 of the North Building.



### MCCORMICK PLACE HYATT REGENCY 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** – Sparks fly here. 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.

**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 1 and Café 2** – 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, Manny's, 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.

### 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 N427 B/C and will be available to exhibitors from Thursday, November 2 through Thursday, November 9 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.

### LEAD RETRIEVAL

Lead Retrieval units are available for Hall A exhibitors in the S100 Ballroom. Hall B & C exhibitors can pick up their units in C Hall.

DAYS	HOURS OF OPERATION
Friday, Nov. 3 .....	8:00 AM – 4:00 PM
Saturday, Nov. 4 .....	9:00 AM – 4:00 PM
Sunday, Nov. 5 .....	9:00 AM – 4:00 PM
Monday, Nov. 6 .....	7:00 AM – 5:00 PM
Tuesday, Nov. 7 .....	8:00 AM – 4:00 PM
Wednesday, Nov. 8 .....	8:00 AM – 4:00 PM
Thursday, Nov. 9 .....	8:00 AM – 2:00 PM

*Lead retrieval units are to be returned within two hours of the show closing to the same location where they were picked up.*

## ► GO MOBILE AT FABTECH

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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.

# TRANSPORTATION

This map provides a comprehensive guide to Chicago's hotel locations across various neighborhoods. Key areas highlighted include The Loop, Chinatown, McCormick Place, Museum Campus, and the Lakeside Center. Major landmarks such as the John Hancock Observatory, Willis Tower, Art Institute of Chicago, Field Museum, and Shedd Aquarium are marked. The map also shows the Chicago River, Lake Michigan, and several expressways like Stevenson, Ryan, and Congress. A legend indicates that red numbers represent hotel counts: 1 (1), 2 (2), 3 (3), 4 (4), 5 (5), 6 (6), 7 (7), 8 (8), 9 (9), 10 (10), 11 (11), 12 (12), 13 (13), 14 (14), 15 (15), 16 (16), 17 (17), 18 (18), 19 (19), 20 (20), 21 (21), 22 (22), 23 (23), 24 (24), 25 (25), 26 (26), 27 (27), 28 (28), 29 (29), 30 (30), 31 (31), 32 (32), 33 (33), 34 (34), 35 (35), 36 (36), 37 (37), and 38 (38).

#### **HOTEL SHUTTLE SERVICE**

**ROUTES 1-3 ONLY ► McCormick Place NORTH**

	Inbound From Hotels Every 15-20 Minutes	Return to Hotels Every 30-35 Minutes
Monday, 11/6	7:00 AM – 10:30 AM	2:30 PM – 6:30 PM
Tuesday, 11/7	7:00 AM – 10:30 AM	2:30 PM – 5:30 PM
Wednesday, 11/8	7:00 AM – 10:30 AM	2:30 PM – 5:30 PM

**PROPOSED ROUTES | BOARDING POINTS**

<b>10</b> Hampton Inn Majestic Chicago Theater District	At Palmer House Hilton, Wabash Avenue Entrance
<b>11</b> Hilton Chicago & Towers	<i>8th Street Entrance</i>
<b>25</b> Palmer House Hilton	<i>Wabash Avenue Entrance</i>
<b>27</b> Renaissance Blackstone	<i>At Hilton Chicago, 8th Street Entrance</i>
<b>ROUTE 2</b>	
<b>23</b> Millennium Knickerbocker	<i>At Westin Michigan Avenue, Front Entrance Across Street</i>
<b>24</b> Omni Chicago	<i>NE Corner of Huron &amp; Michigan Avenue</i>
<b>36</b> Westin Michigan Avenue	<i>Front Entrance, Across Delaware</i>
<b>ROUTE 3</b>	
<b>13</b> Holiday Inn Chicago Mart Plaza	<i>Orleans Street, Mart Side</i>
<b>20</b> JW Marriott	<i>At W Chicago City Center, Front Entrance</i>
<b>29</b> Residence Inn Downtown Loop	<i>At W Chicago City Center, Front Entrance</i>
<b>34</b> W Chicago City Center	<i>Front Entrance</i>

**ROUTES 4-6 ONLY ► McCormick Place SOUTH**

	Inbound From Hotels Every 15-20 Minutes	Return to Hotels Every 30 Minutes
Monday, 11/6	7:00 AM – 10:30 AM	2:30 PM – 6:30 PM
Tuesday, 11/7	7:00 AM – 10:30 AM	2:30 PM – 5:30 PM
Wednesday, 11/8	7:00 AM – 10:30 AM	2:30 PM – 5:30 PM
Thursday, 11/9	7:00 AM – 10:30 AM	2:00 PM – 4:30 PM

## **PROPOSED ROUTES | BOARDING POINTS**

### **ROUTE 4**

8	Fairmont Chicago	At Hyatt Regency, Curbside on Wacker, East Tower Entrance
17	Hyatt Regency Chicago	Curbside on Wacker, East Tower Entrance
26	Radisson Blu Aqua	At Hyatt Regency, Curbside on Wacker, East Tower Entrance
28	Renaissance Chicago	Front Entrance Curbside
32	Swissotel Chicago	At Hyatt Regency, Curbside on Wacker, East Tower Entrance
33	The Wit	At Renaissance Chicago, Front Entrance Curbside
35	Westin Chicago River North	At Renaissance Chicago, Front Entrance Curbside
37	Wyndham Grand Riverfront	Front Entrance

ROUTE 5

- ② Courtyard Chicago  
Downtown River North
- ⑤ Embassy Suites Downtown
- ⑨ Hampton Inn & Suites  
Chicago Downtown
- ⑫ Hilton Garden Inn  
Magnificent Mile
- ⑯ Homewood Suites Chicago  
Magnificent Mile
- ⑲ InterContinental Hotel
- ① Marriott Chicago Downtown  
Magnificent Mile

SE Corner of Illinois & State  
At Hilton Garden Inn, Front Entrance on Grand  
SE Corner of Illinois & State  
Front Entrance  
NW Corner Grand & Rush  
Illinois Street Entrance  
NW Corner Grand & Rush

ROUTE 6

<ul style="list-style-type: none"><li>③ Courtyard Marriott Magnificent Mile</li><li>④ Doubletree Magnificent Mile Chicago</li><li>⑥ Embassy Suites Downtown Magnificent Mile</li><li>⑦ Fairfield Inn &amp; Suites Downtown</li><li>⑯ Hotel EMC2, Autograph Collection</li><li>⑯ Hyatt Chicago Magnificent Mile</li><li>㉑ Loews Chicago Hotel</li><li>㉓ Residence Inn Chicago Downtown Magnificent Mile</li><li>㉛ Sheraton Grand Chicago</li></ul>	<p>At Fairfield Inn &amp; Suites Downtown, Front Entrance</p> <p>Fairbanks Street Entrance</p> <p>At Sheraton Grand Streeterville Entrance</p> <p>Front Entrance</p> <p>At Fairfield Inn &amp; Suites Downtown, Front Entrance</p> <p>At Fairfield Inn &amp; Suites Downtown, Front Entrance</p> <p>At Sheraton Grand Streeterville Entrance</p> <p>At Fairfield Inn &amp; Suites Downtown, Front Entrance</p> <p>Streeterville Entrance</p>
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#### **WALKING DISTANCE**

18 Hyatt Regency McCormick Place	<i>Walking Distance, No Service Required</i>
22 Marriott Marquis Chicago	<i>Walking Distance, No Service Required</i>

## PUBLIC TRANSPORTATION

### REGIONAL TRANSIT AUTHORITY

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

**Bus Services:** Getting to McCormick Place is possible by using the city transit system. More than 100 routes lace the city; buses stop every few blocks. Several lines operate 24 hours a day. Exact change is required for cash fare. Cash is readily accepted on buses using exact change in dollar bills or coins.

**Single ride:** \$2.25. Drop off is located at the main entrance to the South Building on Martin Luther King Drive.

**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 hours. Single trip: \$3.75 and up based on zones traveled, 10-ride pass: \$33.75 and up based on zones traveled. For exact fares and route maps, visit the Metra website at [metrarail.com](http://metrarail.com).

### TAXIS

Taxis are plentiful and 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. Taxis charge a base rate of \$3.25, plus \$1.80 for each additional mile and \$0.20 for every 36 seconds of time elapsed. If a gas surcharge is in effect, a sign will be displayed inside the taxicab and a surcharge may apply. Tolls are an extra charge. Taxis charge \$1 for the first additional passenger over age 12 and under age 65; each additional passenger after that is \$0.50.

### 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 67 million passengers to and from over 200 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 60 destinations. Visit [flychicago.com](http://flychicago.com) for details on parking, amenities, flight status, terminal maps and more for both O'Hare and Midway airports.

## MCCORMICK PLACE PARKING

There are three main McCormick Place lots: A, B & C. Attendees are encouraged to utilize parking Lot A, which is the primary parking location close to FABTECH. 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.

\* Credit Cards are accepted at the parking pay stations.



## ABOUT THE SHOW CO-SPONSORS

**FABTECH** is cosponsored by 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 Miami, 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.



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 [www.fmanet.org](http://www.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](http://sme.org), follow @SME\_MFG on Twitter or [facebook.com/SMEmfg](https://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.



The Chemical Coaters Association International is a technical and professional organization that provides information and training on surface coating technologies. CCAI's foundation is its 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.



MEMBERSHIP INFORMATION CAN BE OBTAINED IN THE BOOTH OF THE SPONSORING ASSOCIATION, OR BY CONTACTING THE SPONSORING ASSOCIATION DIRECTLY.

ASSOCIATION CONTACT INFORMATION				
<b>AWS BOOTH: C41336</b>	<b>FMA BOOTH: A1267</b>	<b>SME BOOTH: A3558</b>	<b>PMA BOOTH: A5631</b>	<b>CCAI BOOTH: A6135</b>
<b>American Welding Society</b> 8669 NW 36 Street, Suite # 130 Miami, FL 33166 1-305-443-9353 Toll-Free: 1-800-443-9353 <a href="http://www.aws.org">www.aws.org</a>	<b>Fabricators &amp; Manufacturers Association, International®</b> 2135 Point Blvd Elgin, IL 60123 1-815-399-8700 Toll-Free: 1-888-394-4622 <a href="http://www.fmanet.org">www.fmanet.org</a>	<b>SME</b> One SME Drive Dearborn, MI 48121 1-313-425-3000 Toll-Free: 1-800-733-4763 <a href="http://www.sme.org">www.sme.org</a>	<b>Precision Metalforming Association</b> 6363 Oak Tree Blvd Independence, OH 44131 1-216-901-8800 <a href="http://www.pma.org">www.pma.org</a>	<b>Chemical Coaters Association International</b> 5040 Old Taylor Mill Rd., PMB 13 Taylor Mill, KY 41015 1-859-356-1030 <a href="http://www.ccaiweb.com">www.ccaiweb.com</a>

## ►EXHIBITOR ADVISORY COMMITTEE

The FABTECH Exhibitor Advisory Council (EAC) was established to provide show management with industry input and feedback on tradeshow 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.

### 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

### FABRICATING

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

**Mark Lobit**  
*Marketing Manager*  
Mazak Optonics

**Nick Ostrowski**  
*General Manager*  
Amada America

**Open Position**

### TUBE & PIPE

**Jeff Ahrstrom**  
*President*  
BLM Group USA

**Open Position**

### STAMPING

**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.

**Matt Shelter**  
*Marketing Manager*  
AIDA – America

### FINISHING

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

**Rhonda Joslin**  
*Marketing Manager*  
EXEL North America

### SHOW MANAGEMENT

**John Catalano, SME**  
**Mark Hoper, FMA**  
**Joe Krall, AWS**  
**Doug Trout, PMA**  
**Andy Goyer, CCAI**

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## ABOUT THE EDUCATION PROGRAM

The Fabricators & Manufacturers Association, Int'l (FMA), SME, Precision Metalforming Association (PMA), and Chemical Coaters Association International (CCAI) cosponsor the sessions on 3D/additive manufacturing, automation/smart mfg, cutting, finishing, forming & fabricating, job shop, lasers, lean, management, stamping, structural steel/plate, and workforce development. All sessions are two hours 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 and thermal spray. 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.

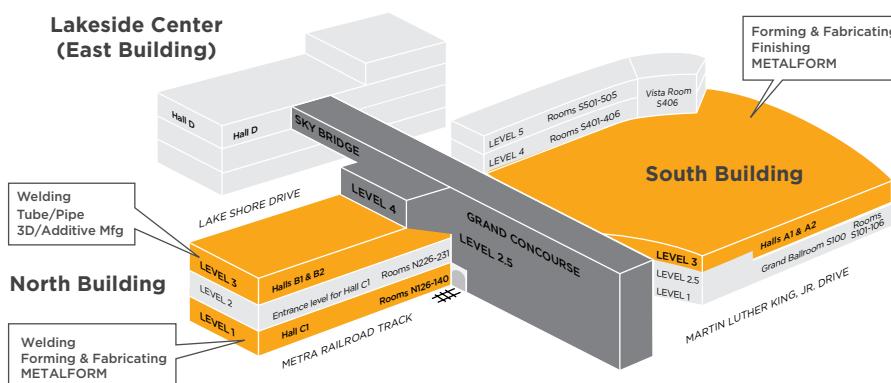
Individuals who attend SME education programs may be eligible to receive one credit per hour attended toward their SME-managed recertification requirements.

### 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 Conference-at-a-Glance on pages 16-19 to get a quick preview of all the programs offered at the 2017 event. Programs are grouped within twelve tracks: 3D/Additive Manufacturing, Automation/Smart MFG, Cutting, Finishing, Forming & Fabricating, Job Shop, Lasers, Lean, Management, Stamping, Structural Steel/Plate, and Workforce Development.
- Review the Floor Plan Layout below for a visual overview of the meeting rooms where all the FABTECH education and professional events take place.



### AWS HEADQUARTERS •

#### ROOM N229

##### Hours of Operation:

Nov. 6 - 9: 5:30 AM – 6:00 PM each day.

### FABTECH CONFERENCE

#### HEADQUARTERS (FMA, SME, PMA, CCAI) • ROOM S402B

##### Hours of Operation:

Nov. 6 - 8: 7:00 AM – 4:30 PM each day.

Nov. 9: 7:00 AM – 4:00 PM



### EXPERIENCE LEVELS

Use this key to find the education that meets your needs.

**B** BASIC – Recommended for the attendee who is new to the industry or needs a refresher on the topic.

**I** INTERMEDIATE – Designed for the attendee who already has a basic understanding of the subject matter.

**A** ADVANCED – For the attendee with several years of experience who is seeking more in-depth information.

### 2017 FABTECH EDUCATION PROGRAM ADVISORS

#### Lean Track:

Anthony Manos, CEO, President, 5S Supply

#### Automation Track:

Bob Rochelle, Territory Sales Manager, South East, Güdel Inc.

#### Laser Track:

Geoff Shannon, PhD, Manager, Advanced Technology, Amada Miyachi America, Inc

#### Management

Track: FMA and SME Management Councils

#### Workforce Development Track:

Neil S. Ball, President, Directed Light Inc. SME ILC (Industrial Laser Committee)

#### Development Track:

John Hindman, Manager Learning Services, Tooling U-SME

#### Additive Track:

Carl Dekker, President, Met-L-Flo, Inc.

#### Finishing Track:

CCAI Education Committee

#### Cutting Track:

Jim Colt, Applications Technology Manager, Hypertherm

#### Stamping Track:

PMA Technical Seminar & Conference Task Force

# PRICING INFORMATION

## 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 a valid member card.

## SPECIAL EVENTS



### INDUSTRY NIGHT AT SOLDIER FIELD

TUESDAY, NOVEMBER 7

Advance ticket price for attendees is \$50 and includes food and drinks, networking, and more at Soldier Field. VIP Experience Package available for \$75 and includes a VIP tour of the Visitors Locker Room and football field.



### WOMEN OF FABTECH BREAKFAST WITH TECH TOUR

WEDNESDAY, NOVEMBER 8

Tickets for FABTECH Attendees are \$25 and include a continental breakfast.

## EDUCATION PROGRAMS

**3D/ADDITIVE MANUFACTURING, AUTOMATION/SMART MFG, CUTTING, FINISHING, FORMING & FABRICATING, LASERS, LEAN, MANAGEMENT, JOB SHOP, STAMPING, STRUCTURAL STEEL/PLATE, WORKFORCE DEVELOPMENT**

PACKAGES (BUY MORE AND SAVE!)	MEMBER	NON-MEMBER
1 Session	\$175	\$200
2 Sessions	\$300	\$350
3 Sessions	\$405	\$480
4 Sessions	\$500	\$600*
5 Sessions	\$600	\$725*
<b>Full Conference: (6 or more sessions)</b>	<b>\$690</b>	<b>\$840*</b>

**NOTE:** The rate for the Laser Welding for Today's Fabricator Workshop (Session AWF100) is \$335 for Members and \$420 for Non-Members.

\* Non-Member rates for **4 or more sessions** include a one-year complimentary membership to one of the co-sponsoring associations (FMA or SME only).

## WELDING TRACK

	MEMBER	NON-MEMBER <sup>a</sup>
1-Day AWS Educational Sessions	\$150	\$235
1/2-Day Seminar or Workshop	\$335	\$420
1-Day Conference or Seminar	\$550	\$635
2-Day Conference or Seminar	\$775	\$860
2-Day RWMA Resistance Welding School	\$775	\$860
1-Day Professional Program	\$150	\$235
4-Day Professional Program	\$225	\$310
Student Professional Program	\$75	\$90 <sup>b</sup>
AWS Awards Luncheon	\$30	\$30
AWS Prayer Breakfast	\$10	\$10

<sup>a</sup> Non-Member price for AWS Sessions only includes a one-year AWS Individual Membership.

<sup>b</sup> Non-Member Student Professional Program price includes a one-year AWS Student Membership.

**CONFERENCE CANCELLATION POLICY:** Cancellations are non-refundable. Substitutions allowed.

**MONDAY, NOVEMBER 6**
**SCHEDULE-AT-A-GLANCE**

TECHNOLOGY	8:00 AM – 10:00 AM	10:30 AM – 12:30 PM	1:30 PM – 3:30 PM
3D/ADDITIVE MANUFACTURING		<b>F20:</b> Fundamentals of 3D Additive Manufacturing for Fabricators  Room 402A	<b>F30:</b> NEW Fundamentals of 3D Additive Scanning and Imaging  Room 402A
AUTOMATION/SMART MFG		<b>F27:</b> NEW Introduction to IIoT & Strategies for Evaluating Industry 4.0  Room 401A	<b>F37:</b> NEW Automation and Smart Machines: The Future of the Factory  Room 401A
CUTTING		<b>F21:</b> NEW Automating in Cutting  Room 404A	<b>F31:</b> Comparative Cutting Systems with Tech Tour  Room 404A
FINISHING		<b>C20:</b> Fundamentals of a Successful Powder Coating Operation  Room 404D	<b>C30:</b> NEW Fundamentals of a Successful Liquid Coating Operation  Room 404D
		<b>C21:</b> Fundamentals of a Successful Electrocoat Operation  Room 405A	<b>C31:</b> NEW Fundamentals of Plating and Anodizing  Room 405A
		<b>C22:</b> NEW Rack-up Profits with Productivity and Efficiency  Room 405B	<b>C32:</b> NEW Blasting Your Way to Successful Metal Preparation  Room 405B
FORMING & FABRICATING	<b>F18:</b> Coil Processing: Leveling, Slitting and Best Practices  Room 502A	<b>F28:</b> NEW Tube & Pipe Cutting  Room 502A	<b>F38:</b> NEW Panel Bending Technology  Room 502A
	<b>F19:</b> Press Brakes for Engineers  Room 502B	<b>F29:</b> Roll Forming Basics and Justification  Room 502B	<b>F39:</b> NEW Press Brake Cost Reduction  Room 502B
JOB SHOP			<b>F36:</b> Activity-Based Costing and Estimating for Profitability in the Job Shop  Room 401D
LASERS		<b>F22:</b> NEW Fiber Laser Cutting and Joining: Recent Advances in Technology, Tools and Applications  Room 403B	<b>F32:</b> NEW Laser Additive Testing and Application Solutions  Room 403B
LEAN	<b>F14:</b> NEW Lean Principle: Strategic Planning and Organizational Alignment  Room 401BC	<b>F24:</b> NEW Lean Principle: Developing People and Processes  Room 401BC	<b>F34:</b> Lean Tools: A3 Thinking - Developing People & Solving Problems  Room 401BC
MANAGEMENT	<b>F15:</b> NEW Today's Digital and Inbound Marketing Strategies for Fabricators  Room 403A	<b>F25:</b> NEW Current Economy, Labor and Employment Update for Manufacturing  Room 403A	<b>F35:</b> NEW Achieving Supplier Success in Today's Global Manufacturing Environment  Room 403A
STAMPING	<b>S10:</b> NEW Deep Draw Process Technology  Room 503A	<b>S20:</b> NEW Deep Drawing Principles  Room 503A	<b>S30:</b> Lubrication Selection & Application  Room 503A
		<b>S21:</b> Die Sensing Fundamentals  Room 503B	<b>S31:</b> In-Die Assembly, Monitoring & Adjustments  Room 503B
STRUCTURAL STEEL/PLATE		<b>F100:</b> NEW AISC Market Outlook and Certification  Room 501D	<b>F200:</b> NEW Structural Steel Case Study  Room 501D
WORKFORCE DEVELOPMENT	<b>F13:</b> NEW Managing Complex Change: The Challenge of Implementing a Significant Improvement Initiative  Room 404BC	<b>F23:</b> NEW Mission Critical: Tackling the Manufacturing Skills Gap  Room 404BC	<b>F33:</b> NEW Managing Conflict and Delegation Strategies for Effective Leadership  Room 404BC
WELDING			
SEMINARS	<b>W10:</b> D1.1 – Structural Steel Code Clinic – 2015, Room N128		8:30 AM 4:30 PM
	<b>W11:</b> What's New in the 21st Edition of API 1104, Room N129		8:30 AM 4:30 PM
CONFERENCES	<b>W25:</b> Thermal Spray Coatings – FREE, Room N131		1:00 PM 5:00 PM
PROFESSIONAL PROGRAM	<b>W27:</b> Session 1: Additive Manufacturing, Room N138		2:00 PM 5:00 PM
	<b>Session 2:</b> Modeling 1, Room N139		2:00 PM 5:00 PM
	<b>Session 3:</b> Friction Stir and Solid State Welding, Room N140		2:00 PM 5:00 PM
EDUCATIONAL SESSIONS	<b>W33:</b> National Center for Welding Education and Training, Weld-Ed, Room N137		9:00 AM 4:30 PM
SPECIAL PROGRAMS	<b>W35:</b> AWS Prayer Breakfast, Room N227B		7:00 AM 8:30 AM

## TUESDAY, NOVEMBER 7

## SCHEDULE-AT-A-GLANCE

## GENERAL INFORMATION

TECHNOLOGY	8:00 AM – 10:00 AM	10:30 AM – 12:30 PM	1:30 PM – 3:30 PM	
3D/ADDITIVE MANUFACTURING	<b>F40:</b> NEW Business Considerations for 3D Additive Technology with Tech Tour <span style="color: purple;">B</span> Room 402A	<b>F50:</b> NEW Design Considerations for 3D Additive Technology <span style="color: green;">I</span> Room 402A	<b>F60:</b> NEW Considerations for Small to Large Additive 3D Printing <span style="color: green;">I</span> Room 402A	
AUTOMATION/SMART MFG	<b>F47:</b> NEW Automating with Laser Technology <span style="color: green;">I</span> Room 401A	<b>F57:</b> NEW Introduction to Smart Manufacturing and Asset Optimization in Real-Time <span style="color: purple;">B</span> Room 401A	<b>F67:</b> NEW Robot-Based Automation Systems <span style="color: green;">I</span> Room 401A	
CUTTING			<b>F61:</b> Waterjet Cutting Solutions for Quality Cut and Speed <span style="color: green;">I</span> Room 404A	
FINISHING	<b>C40:</b> NEW Fundamentals of Pretreatment <span style="color: purple;">B</span> Room 404D	<b>C50:</b> NEW Finishing End User Case Histories <span style="color: green;">I</span> Room 404D	<b>C60:</b> NEW Understanding the Importance of Wastewater Treatment <span style="color: green;">I</span> Room 404D	
	<b>C41:</b> NEW Plating and Anodizing Industry Success Stories <span style="color: green;">I</span> Room 405A	<b>C51:</b> NEW Mejorando el Desempeño Total Del Sistema de Pintura en Polvo <span style="color: green;">I</span> Room 405A	<b>C61:</b> NEW Practical Approach to Optimal Powder Coating Operations <span style="color: orange;">A</span> Room 405A	
	<b>C42:</b> NEW Solving 21st Century Coating Challenges with Durable Porcelain Enamel <span style="color: green;">I</span> Room 405B	<b>C52:</b> NEW Finishing System Design Criteria <span style="color: green;">I</span> Room 405B	<b>C62:</b> NEW Optimizing Liquid Finishes <span style="color: green;">I</span> Room 405B	
FORMING & FABRICATING	<b>F48:</b> Tube Producing and Joining <span style="color: purple;">B</span> Room 502A	<b>F58:</b> Advanced Roll Forming Tooling and Line Troubleshooting <span style="color: orange;">A</span> Room 502A	<b>F68:</b> Press Brake Tooling <span style="color: green;">I</span> Room 502A	
	<b>F49:</b> Advanced Punching Capabilities for Fabricators <span style="color: green;">I</span> Room 502B	<b>F59:</b> Advanced Press Brake Technology <span style="color: green;">I</span> Room 502B	<b>F69:</b> Steel 101: Mill to Fabricator <span style="color: purple;">B</span> Room 502B	
JOB SHOP	<b>F46:</b> NEW Cracking the Paperless Code for Manufacturers <span style="color: green;">I</span> Room 401D	<b>F56:</b> NEW Lean Manufacturing Journey Through the Job Shop <span style="color: purple;">B</span> Room 401D	<b>F66:</b> NEW Leverage Real-Time Costs and Double Output <span style="color: green;">I</span> Room 401D	
LASERS	<b>AWF100:</b> Laser Welding for Today's Fabricator Workshop <span style="color: green;">I</span> Room 403B		<b>F62:</b> NEW Innovative Laser Application and Solutions <span style="color: purple;">B</span> Room 403B	
LEAN	<b>F44:</b> Lean: Value Stream Mapping, Addressing Differences Between Office and Shop Floor <span style="color: green;">I</span> Room 401BC	<b>F54:</b> Lean Tools: Flow and Pull Creating Flow in High-Variety Environments <span style="color: green;">I</span> Room 401BC	<b>F64:</b> Lean Tools: Quick Changeover and Total Production Maintenance (TPM) <span style="color: green;">I</span> Room 401BC	
MANAGEMENT	<b>F45:</b> NEW Global Landscapes and Cultural Awareness for Competitive Advantage <span style="color: green;">I</span> Room 403A	<b>F55:</b> NEW Accelerate Profitability Through Cost Reduction Strategies <span style="color: green;">I</span> Room 403A	<b>F65:</b> NEW Innovative Strategies for Leading, Protecting and Growing Your Organization <span style="color: purple;">B</span> Room 403A	
STAMPING	<b>S40:</b> NEW Press Line Optimization <span style="color: green;">I</span> Room 503A	<b>S50:</b> NEW Machine Modernization & Safeguarding <span style="color: green;">I</span> Room 503A	<b>S60:</b> NEW Equipment Installation <span style="color: green;">I</span> Room 503A	
	<b>S41:</b> Cutting & Punching Technology <span style="color: green;">I</span> Room 503B	<b>S51:</b> Lubrication Technology <span style="color: green;">I</span> Room 503B	<b>S61:</b> NEW Transfer Die Technology <span style="color: green;">I</span> Room 503B	
STRUCTURAL STEEL/PLATE	<b>F300:</b> NEW Structural Fabrication Equipment Technology <span style="color: green;">I</span> Room 501D		<b>F400:</b> NEW Structural Steel Software Solutions <span style="color: green;">I</span> Room 501D	
WORKFORCE DEVELOPMENT	<b>F43:</b> NEW Leadership Actions to Transform Your Culture and Create Employee Engagement <span style="color: purple;">B</span> Room 404BC	<b>F53:</b> NEW Strategies for Learning and Leveraging Your Leadership <span style="color: green;">I</span> Room 404BC	<b>F63:</b> Accelerating Workforce Performance Through Best Practices in Learning & Development <span style="color: green;">I</span> Room 404BC	
WELDING				
SEMINARS	<b>W12:</b> Crash Course of Welding Inspection Technology Seminar (WIT), Room N128		8:30 AM	4:30 PM
	<b>W13:</b> The Why and How of Welding Procedure Specifications - Beginner, Room N129		8:00 AM	12:00 PM
	<b>W14:</b> The Why and How of Welding Procedure Specifications - Advanced, Room N129		1:00 PM	5:00 PM
	<b>W15:</b> The Why and How of Welding Procedure Specifications - Both, Room N129		8:00 AM	5:00 PM
	<b>W16:</b> Applications of Stainless Steel Welding - Day 1, Room N131		8:30 AM	4:30 PM
	<b>W17:</b> ASME Section IX, B31.1 & B31.3 Code Clinic - Day 1, Room N133		8:30 AM	4:30 PM
CONFERENCES	<b>W24:</b> Tubular Structures Conference, Room N226		8:00 AM	3:00 PM
RWMA SCHOOL	<b>W26:</b> RWMA Resistance Welding School - Day 1, Room N227A		8:00 AM	5:00 PM
PROFESSIONAL PROGRAM	<b>W28: Session 4:</b> Arc Welding, Room N138		8:00 AM	12:00 PM
	<b>Session 5:</b> Welding Metallurgy & Weldability, Room N139		8:00 AM	12:00 PM
	<b>Session 6:</b> Honorary Symposia for Dr. S. David and Prof. T. DebRoy - Joint Session A, Room N140		8:00 AM	12:00 PM
	<b>Session 7:</b> Industrial Technologies, Room N138		2:00 PM	5:00 PM
	<b>Session 8:</b> Honorary Symposium for Dr. S. David - Session B, Room N139		2:00 PM	5:00 PM
	<b>Session 9:</b> Honorary Symposium for Prof. T. DebRoy - Session B, Room N140		2:00 PM	5:00 PM
EDUCATIONAL SESSIONS	<b>W34:</b> AWS Education Sessions, Room N137		8:30 AM	4:30 PM
SPECIAL PROGRAMS	<b>W36:</b> AWS Awards Luncheon, Room N228		12:00 PM	2:00 PM

**WEDNESDAY, NOVEMBER 8**
**SCHEDULE-AT-A-GLANCE**

TECHNOLOGY	8:00 AM – 10:00 AM	10:30 AM – 12:30 PM	1:30 PM – 3:30 PM
3D/ADDITIVE MANUFACTURING	<b>F70:</b> NEW 3D Additive for Metals, Tools and Castings  Room 402A	<b>F80:</b> NEW 3D Additive Applications for Fabricators  Room 402A	
AUTOMATION/SMART MFG	<b>F77:</b> NEW Robotic Joining Cells and Mass Production  Room 401A	<b>F87:</b> NEW Smart Manufacturing Execution System and Continuous Improvement Solutions  Room 401A	<b>F97:</b> NEW Agile Design and Synchronized Manufacturing For Real Time Decision-Making  Room 401A
CUTTING	<b>F71:</b> NEW New Technology in Plasma Cutting for Fabricators  Room 404A	<b>F81:</b> NEW Advanced Cutting Tools, Applications and Software for Productivity  Room 404A	
FINISHING	<b>C70:</b> NEW Managing Perceptions for Your Finishing Business  Room 404D	<b>C80:</b> NEW Achieving Consistent Quality Finishes  Room 404D	<b>C90:</b> Efficient Curing with Infrared  Room 404D
	<b>C71:</b> NEW Mastering a Batch Finishing Operation  Room 405A	<b>C81:</b> NEW See It. Touch It. Fix It. Identifying and Solving Finishing Defects  Room 405A	<b>C91:</b> Protecting Your Most Valuable Asset: Your Employees  Room 405A
	<b>C72:</b> NEW Advancements in Ambient Pretreatment  Room 405B	<b>C82:</b> We've Got the Cure  Room 405B	<b>C92:</b> NEW The Evolving Technology of Powder Coating  Room 405B
FORMING & FABRICATING	<b>F78:</b> NEW Tube & Pipe Bending 101  Room 502A	<b>F88:</b> Roll Form Tooling Installation, Troubleshooting and Lubricants  Room 502A	<b>F98:</b> Tube Laser Processing 101  Room 502A
	<b>F79:</b> Press Brake Safety: ANSI B11.3 Explained  Room 502B	<b>F89:</b> NEW Best Practices: Machine Tool Field & Installation Service Technician Panel  Room 502B	<b>F99:</b> Effective Safeguarding Risk Assessment  Room 502B
JOB SHOP	<b>F76:</b> NEW Configurable ERP for Your Job Shop Future  Room 401D	<b>F86:</b> NEW Guide to Getting the Best Out of Your Data  Room 401D	<b>F96:</b> NEW Effective Product Differentiation In Commoditization Based Marketplace  Room 401D
LASERS	<b>F72:</b> NEW Fiber Laser Technology & Advancements  Room 403B	<b>F82:</b> NEW Laser Joining Advancements  Room 403B	<b>F92:</b> NEW Laser Beams and Material Advancements  Room 403B
LEAN	<b>F74:</b> NEW Lean Principle: Standardize Work - The Basis for Lean  Room 401BC	<b>F84:</b> Lean Tools: 5S Workplace Organization and Standardization  Room 401BC	<b>F94:</b> NEW Lean Principle: Hoshin Kanri - How to Achieve the Future You See  Room 401BC
MANAGEMENT	<b>F75:</b> NEW Innovation, The Art of Being Wrong  Room 403A	<b>F85:</b> NEW Succession and Exit Planning for the Next Generation of Metal Fabricators  Room 403A	<b>F95:</b> NEW How to Develop and Manage a Reshoring Project  Room 403A
STAMPING	<b>S70:</b> NEW Metal Stamping Fundamentals  Room 503A	<b>S80:</b> NEW Manufacturing ROI & Tax Credits  Room 503A	<b>S90:</b> NEW Understanding Metal Stamping Presses  Room 503A
	<b>S71:</b> Die Sensing Fundamentals  Room 503B	<b>S81:</b> NEW Stamping, Assembly & Error-Proofing  Room 503B	<b>S91:</b> NEW Advance Forming Technologies  Room 503B
STRUCTURAL STEEL/PLATE	<b>F500:</b> NEW Steel Beam Assembly Technology  Room 501D		
WORKFORCE DEVELOPMENT	<b>F73:</b> NEW Attract, Develop and Build a High Performance Millennial Team  Room 404BC	<b>F83:</b> NEW Six Keys to Team Leadership and Effective Workplace Teams  Room 404BC	<b>F93:</b> NEW Communicate, Build Accountability and Conduct Meaningful Evaluations in Your Organization  Room 404BC
WELDING			
SEMINARS	<b>W16:</b> Applications of Stainless Steel Welding - Day 2, Room N131		8:30 AM 4:30 PM
	<b>W17:</b> ASME Section IX, B31.1 & B31.3 Code Clinic - Day 2, Room N133		8:30 AM 4:30 PM
	<b>W18:</b> Ethics Seminar for Certified Welding Inspectors - Part A, Room N129		8:00 AM 12:00 PM
	<b>W19:</b> What to Expect as a New Certified Welding Inspector - Part B, Room N129		1:00 PM 5:00 PM
	<b>W20:</b> Ethics Seminar for Certified Welding Inspectors & What to Expect as a New Certified Welding Inspector (Part A & B), Room N129		8:00 AM 5:00 PM
	<b>W21:</b> The Visual Inspection Workshop, Room N137		8:30 AM 4:30 PM
RWMA SCHOOL	<b>W22:</b> Fundamentals of Liquid Penetrant Testing for CWI's and Quality Assurance Personnel, Room N128		8:30 AM 4:30 PM
	<b>W26:</b> RWMA Resistance Welding School - Day 2, Room N227A		8:00 AM 4:15 PM
PROFESSIONAL PROGRAM	<b>W29: Session 10:</b> Plenary Session, Room N138		8:00 AM 9:30 AM
	Session 11: Laser Welding/Additive Manufacturing, Room N138		9:40 AM 12:00 PM
	Session 12: Honorary Symposium for Dr. S. David - Session C, Room N139		9:40 AM 12:00 PM
	Session 13: Honorary Symposium for Prof. T. DebRoy - Session C, Room N140		9:40 AM 12:00 PM
	Session 14: Overlay and Cladding, Room N138		2:00 PM 5:00 PM
	Session 15: Dissimilar Joining, Room N139		2:00 PM 6:00 PM
	Session 16: Honorary Symposia for Dr. S. David and Prof. T. DebRoy - Joint Session D, Room N140		2:00 PM 6:00 PM

## THURSDAY, NOVEMBER 8

## SCHEDULE-AT-A-GLANCE

TECHNOLOGY	8:00 AM – 10:00 AM	10:30 AM – 12:30 PM	1:30 PM – 3:30 PM
AUTOMATION/ SMART MFG	<b>F107: NEW</b> Standards and Air Quality for Risk Assessment in Your Automation <span style="color: green;">I</span> Room 402A		
FINISHING	<b>C100: NEW</b> The ULTIMATE Powder Coating <span style="color: orange;">A</span> Room 404D	<b>C110: NEW</b> Got Corrosion? <span style="color: green;">I</span> Room 404D	
	<b>C101:</b> Electrocoating Equipment Considerations <span style="color: purple;">B</span> Room 405A	<b>C111: NEW</b> The Evolution of Architectural Coatings <span style="color: green;">I</span> Room 405A	
FORMING & FABRICATING	<b>F108: NEW</b> Tube & Pipe Forming <span style="color: orange;">A</span> Room 502A		
	<b>F109:</b> Roll Forming In-Line Punching, Cutoff Dies and Press Tonnage <span style="color: green;">I</span> Room 502B		
JOB SHOP	<b>F106:</b> Sales 101 For The Fabrication Industry <span style="color: purple;">B</span> Room 401D	<b>F116:</b> Sustainable Design and Solutions for the Job Shop <span style="color: purple;">B</span> Room 401D	
LEAN	<b>F104:</b> Lean Tools: Preventative Maintenance and Sustainable Techniques & Life Cycle Assessments <span style="color: green;">I</span> Room 401BC		
MANAGEMENT	<b>F105: NEW</b> Increasing Organizational Readiness and Agility in Your Company <span style="color: orange;">A</span> Room 403A	<b>F115:</b> Marketing 101 for Fabricators <span style="color: purple;">B</span> Room 403A	<b>F125:</b> Grow Your Business: For Keeps or For Sale! <span style="color: green;">I</span> Room 403A
STAMPING	<b>S100: NEW</b> Advancements in Press Technology <span style="color: green;">I</span> Room 503A	<b>S110: NEW</b> Press Drive Technology <span style="color: orange;">A</span> Room 503A	
	<b>S101: NEW</b> Optimizing Sensor and Lubricant Applications <span style="color: green;">I</span> Room 503B	<b>S111: NEW</b> Simulation & Process Design Improvement <span style="color: green;">I</span> Room 503B	
STRUCTURAL STEEL/PLATE	<b>F600: NEW</b> Plate Rolling of Structural Steel <span style="color: green;">I</span> Room 501D		
WORKFORCE DEVELOPMENT	<b>F103: NEW</b> 6 Steps to Hiring and The New Gig Economy <span style="color: purple;">B</span> Room 404BC		
WELDING			
SEMINARS	<b>W23:</b> Fundamentals of Radiographic Inspection for CWI's and Quality Assurance Personnel, Room N128	8:30 AM	4:30 PM
PROFESSIONAL PROGRAM	<b>W30: Session 17:</b> Sensing and Control, Room N138	8:00 AM	12:00 PM
	<b>Session 18:</b> Modeling II, Room N139	8:00 AM	12:00 PM
	<b>Session 19:</b> Testing and Characterization, Room N140	8:00 AM	12:00 PM
SPECIAL PROGRAMS	AWS Certification Information Session: Move to Computer-based Testing (CBT) and Other Topics - FREE, Room N129	9:00 AM	12:00 PM

## SPECIAL EVENTS

SPECIAL EVENTS ARE FREE AND OPEN TO ALL ATTENDEES UNLESS OTHERWISE NOTED

MONDAY, NOVEMBER 6

### KEYNOTE PRESENTATION

#### FABx TECH TALKS

8:45 – 10:00 AM ▶ LOCATION: S100 Ballroom

Embracing the wildly popular TED Talks concept, FABTECH 2017 kicks off with a new and exciting format for the opening keynote. The FABx Tech Talks will spotlight visionary leaders who will motivate and inspire attendees via short inspirational talks on the topics of transformation, growth, advancement and expansion for the future of manufacturing. Come hear how these leaders are driving innovation to take their businesses to the next level.

#### Participants Include:



**Jacques Panis**  
President, Shinola



**Adam Genei**  
Founder, Mobsteel



**Karen Kerr**  
Executive Managing Director, GE Ventures



**Albert Paley**  
Sculpture Artist, Paley Studios



**Michael Walton**  
Industry Solution Executive  
(Manufacturing Industry), Microsoft



**Jesse James**  
West Coast Choppers,  
Custom Car and Bike  
Builder

### EXPERT PANEL PRESENTATION

#### ADVANCED MANUFACTURING FOR THE NEXT INDUSTRIAL EVOLUTION

12:30 – 1:30 PM ▶ LOCATION:  
**S100 Ballroom**

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THE MANUFACTURING CLOUD

Our panel of experts will focus on the evolution taking place in manufacturing. Advanced manufacturing is transforming the economy and jobs, using cutting-edge technology and new manufacturing processes to accelerate innovation. Our panelists will discuss how their companies stay at the forefront of manufacturing advancements and how they embrace disruptive technologies to remain competitive and profitable.

#### Moderator:

Sridhar Kota, Executive Director of MForeSight

#### Panelists:

Jerry Foster, CTO, Plex Systems

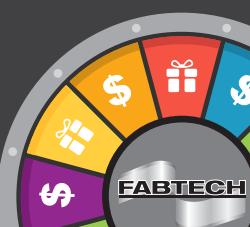
Karen Kerr, Executive Managing Director,  
GE Ventures

Jacques Panis, President, Shinola  
Michael Walton, Industry Solution Executive  
(Manufacturing Industry), Microsoft

## SPIN TO WIN!

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#### HOURS OF OPERATION

Monday, Nov. 6 . . . . 12:00 PM - 5:00 PM

Tuesday, Nov. 7 . . . . 11:00 AM - 4:00 PM

Wednesday, Nov. 8 . . . 11:00 AM - 4:00 PM

Thursday, Nov. 9 . . . 10:00 AM - 2:00 PM



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Neil Kelly at **610.584.5560** or at [nkelly@techgenmedia.com](mailto:nkelly@techgenmedia.com)

## SPECIAL EVENTS

SPECIAL EVENTS ARE FREE AND OPEN TO ALL ATTENDEES UNLESS OTHERWISE NOTED

TUESDAY, NOVEMBER 7

### KEYNOTE PRESENTATION

#### "FAST N' LOUD" WITH RICHARD RAWLINGS

8:30 – 9:30 AM ▶ LOCATION: S100 Ballroom



Co-host of Discovery Channel's popular "Fast N' Loud" series and founder of Gas Monkey Garage, a world-renowned hot rod shop, Richard Rawlings will share his entrepreneurial spirit and career to inspire manufacturers to innovate and take risks. Rawlings will speak about his businesses, challenges, opportunities, and pursuing one's dreams with the discipline and persistence that is required for success. Rawlings will utilize any remaining time to answer audience questions about his life, the show, his business or even the building of hot rods.



#### RICHARD RAWLINGS MEET/GREET AND AUTOGRAPH SIGNING

9:45 – 10:45 AM ▶ LOCATION: S100 Ballroom



### EXPERT PANEL PRESENTATION

#### STATE OF THE INDUSTRY

12:30 – 1:30 PM ▶ LOCATION: S100 Ballroom

The manufacturing industry is in a constant state of transformation and these manufacturing businesses are managing frequent changes in customer needs, handling competitor changing landscapes, and focusing on profit margins and revenue growth. Hear our experts share how important the future of this industry is to the U.S. economy.

##### Panelists:

Michelle Drew Rodriguez, Manufacturing Leader, Center for Industry Insights, Deloitte  
 Dr. Chris Kuehl, Managing Director, Armada Corporate Intelligence  
 Chad Syverson, J. Baum Harris Professor of Economics; University of Chicago Booth School of Business

### NETWORKING EVENT

#### INDUSTRY NIGHT AT SOLDIER FIELD

5:30 – 7:30 PM

▶ LOCATION: SOLDIER FIELD

Enjoy an evening of fun, food, drinks and networking during our Industry Night Party at Soldier Field, home of the Chicago Bears. The evening will include exclusive access to Soldier Field and a meet-and-greet with retired Chicago Bears Hall of Famer Dan "Danimal" Hampton.

Advance tickets can be purchased in registration, based on availability.

**Admission Ticket:** \$50

**Industry Night VIP Experience:** \$75  
 Limited to 200 participants



Football fans will be excited about this opportunity to upgrade their Industry Night ticket to the VIP experience. As a VIP, get a behind the scenes tour

that includes access to the Visitor's Locker Room, where Bears opponents gear up before game time, and a visit to the field where all the action happens. VIP's will also have the chance to win a football autographed by special guest Dan "Danimal" Hampton.

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**SPECIAL EVENTS****WEDNESDAY, NOVEMBER 8****WOMEN OF FABTECH BREAKFAST WITH TECH TOUR****7:30 – 10:30 AM ▶ LOCATION: S100 Ballroom**

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. Includes a continental breakfast and tech tour on the show floor.

**Price:** \$25

*Advance tickets can be purchased in registration, based on availability.*

**KEYNOTE PRESENTATION****INSPIRING CREATIVITY IN THE WORKPLACE****8:30 – 9:30 AM ▶ LOCATION: S100 Ballroom****Matthew Luhn, Original Storyteller, Pixar**

As one of the original story creators at Pixar Animation Studios, Matthew Luhn participated in building and sustaining the creative culture at Pixar from startup to the most successful filmmaking group in the history of Hollywood. Matthew's engaging and action-oriented talk will provide strategies on how to create a culture that encourages and nurtures new ideas, and embraces fear and failing as a necessary part of the creative process. He demonstrates how to empower relationships and build trust through authentic communication.

**MATTHEW LUHN MEET/GREET AND AUTOGRAPH SIGNING****9:30 – 10:30 AM ▶ LOCATION: S100 Ballroom****EXPERT PANEL SESSION****INNOVATIVE APPROACHES FOR WORKFORCE DEVELOPMENT & RECRUITING TALENT****12:30 – 1:30 PM ▶ LOCATION: S100 Ballroom**

On a daily basis manufacturers face workforce shortages in key areas within their manufacturing operations. Those that engage with their communities – including technical high school & colleges, manufacturing summer camps for youth, and Manufacturing Day celebrations – are ahead of the pack filling these positions. Attend and learn from manufacturers and educators how to benefit from these approaches to building a consistent workforce pipeline.

**Moderator:** Brad Beckner, Chicago Territory Vice President, Kelly Services**Panelists:**

Laura Eisner, Workforce Development Manager, DeWys Manufacturing  
 Mike Cattelino, Apprenticeship Manager, Fox Valley Technical College  
 Warren Long, Commodity Manager, Briggs & Stratton Products Group  
 Hernán Luis y Prado, Founder & CEO, Workshops for Warriors

**SPONSORED BY:**
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OUTSOURCING & CONSULTING GROUP
**MONDAY, NOVEMBER 6 – WEDNESDAY, NOVEMBER 8****PROFESSIONAL WELDING COMPETITION****DURING SHOW HOURS****► LOCATION: NORTH HALL, BOOTHS B32110 & B33109**

Professional welders can sign up onsite to compete for a \$2,500 first prize, a \$1,000 second prize, and a \$500 third prize. Don't miss the chance to cheer on competitors as they demonstrate their skills to earn the title of "Best Welder in America."

Contestants will make a single-pass SMAW weld with E7018 on low-carbon steel. Speed and quality will be the criteria.

**Announcement of winners at 10:30 AM on Wednesday, November 8.**



## SPECIAL EVENTS

SPECIAL EVENTS ARE FREE AND OPEN TO ALL ATTENDEES UNLESS OTHERWISE NOTED

MONDAY, NOVEMBER 6 – WEDNESDAY, NOVEMBER 8

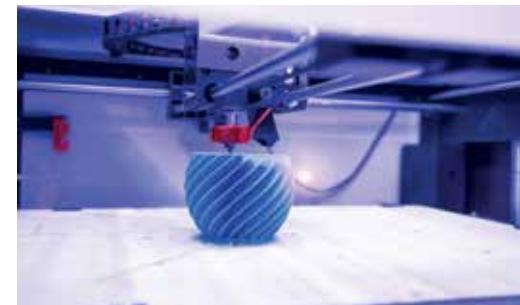
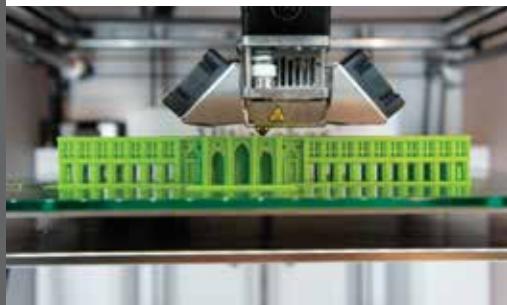
**NEW!**

### 3D/ADDITIVE MANUFACTURING THEATER PRESENTATION SHOWCASE

Located in the Grand Concourse, the 3D/Additive Manufacturing Theater offers daily presentations focused on relevant topics and current trends in this innovative industry.

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[additivemanufacturing.com](http://additivemanufacturing.com)

MONDAY, NOVEMBER 6	
11:00 AM – 11:30 AM	Additive and Conventional Manufacturing, a Smart Combination
11:30 AM – 12:00 PM	Defining the Next Chapter in 3D Printing: Mass Customization, Agile Manufacturing
2:00 PM – 3:00 PM	Hybrid Additive Manufacturing: The Future of Metal Parts Production?
TUESDAY, NOVEMBER 7	
10:30 AM – 11:30 AM	Evolution of Additive Manufacturing and What it Means for the Fabrication Industry
11:30 AM – 12:00 PM	3D Printing at a Crossroads: How Metal Printing at Scale Will Change the Manufacturing Landscape over the Next 5 Years
12:00 PM – 1:00 PM	Designing for 3D Printing & the Complexity Paradox
2:00 PM – 3:00 PM	Effectively Incorporating Additive Manufacturing into Your Business
WEDNESDAY, NOVEMBER 8	
10:00 AM – 11:00 AM	Accelerating Innovation in 3D Printing, Practical Tools You Can Apply Today
2:00 PM – 3:00 PM	Optimization, Preparation and Simulation Software for Additive Manufacturing



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- Built for short production runs or kit production
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**See part forming 4.0. Here today at Salvagnini booth A1838. Demonstrations at 10:00 AM, 1:00 and 3:00PM.**

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LT8.10

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# NEW PRODUCTS

## 3D/ADDITIVE

**MakerGear**  
Booth B60

MakerGear M3-ID (Independent Dual)

**Met-L-Flo Inc**  
Booth B63

Certified Additive Manufacturing Parts

**Raise3d Inc.**  
Booth B95

Raise3D N2 Plus

**solidThinking Inc**  
Booth B71

Click2Form

**Ultimaker**  
Booth B92

Ultimaker 3 & 3 Extended

**ZEISS Industrial Metrology**  
Booth B73

ZEISS COMET LED 2

## ARC WELDING

**Abicor Binzel**  
Booth B19045

ABIMIG AT (Manual MIG Torch)  
ABIMIG WT (Manual MIG Torch)

**Arc Machines Inc**  
Booth B29047

Dual Weldhead Controller  
Pendant - Touch Screen Fusion Remote  
Vision System

**ARC Specialties Inc**  
Booth B35047

ARC-05HVTe Horizontal, Vertical and  
Tilt Cladding

**CK Worldwide**  
Booth B31003

UltraTIG Series Torch Package

**D/F Machine Specialties Inc**  
Booth B31040

Gasless Overlay - Direct Mount Torch

**Fit Up Gear / Har-Bach, Inc.**  
Booth B31030

PathFinder - Laser Seam Tracker

**HTP America Inc**  
Booth B22082

Pro Pulse 200

**Sumig Usa Corp**  
Booth B35059

Intellimig MIG Welding Gun

**Tip Tig USA LLC**  
Booth B21103

TIP TIG HW Hand All-In One 115V

**TRU-FIT Products TRU-Weld**  
Booth B35056

SC1100

**Weldobot Technologies Inc**  
Booth C41236

SuperMIG

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## ARC WELDING

**WELDTEX Inc.**  
Booth B32091

Advanced Welding Lathe

**Wire Wizard Welding Products**  
Booth B35018

PowerBall® Torch Product Line Expanded

## ASSEMBLY

**CMP Automation**  
Booth B18083

Metal Component Assembly Automation

**eTraveler**  
Booth C40823

eTraveler

**Pemamek Oy Ltd**  
Booth B21098

PEMA Assembly Station

## BENDING/FORMING

**1960 Seravesi SRL**  
Booth C40340

Variable Geometry Plate Bending Machine

**Boldrini srl**  
Booth A4248

PAO Hydraulic Dishing Presses

RIBO 15ELCSF 4000 CNC Flanging Machine

**Boschert Precision Machinery Inc**  
Booth A2267

AMB Picot Plate Bending Rolls

CU FLEX

**Carell Corporation**  
Booth A4873

HT-2 Roll Automatic Cycle Cone Former

HT2R High Speed 2Roll Precision Ring Roller

**CIDAN Machinery Inc**  
Booth A3574

PRO-Z Up/Down Folder

**CMP Automation**  
Booth B18083

Servo Nylon Tube Bender (SNB100)

**Eagle Bending Machines Inc**  
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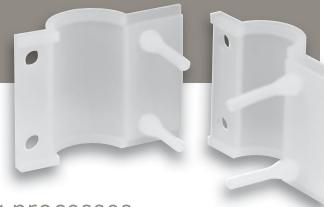
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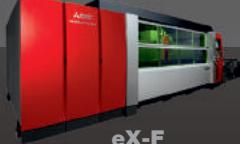


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Coral Chemical Co ..... A6231  
Dosatron International Inc. .... A5988

## CHILLERS - CUTTING

Glen Dimplex Thermal Solutions ..... A3299  
**Jet Edge** ..... A4201  
nano-purification solutions ..... A3288  
Semyx LLC ..... A3586  
Technotrans America ..... A5852  
Thermal Care ..... A2950

## CHILLERS - FINISHING

Chase Cooling Systems. .... C40818  
Glen Dimplex Thermal Solutions ..... A3299  
Technotrans America ..... A5852  
Thermal Care ..... A2950

## CHILLERS - OTHER

Chase Cooling Systems. .... C40818  
Fluid Chillers Inc. .... C41515  
Glen Dimplex Thermal Solutions ..... A3299  
Orion Machinery Co Ltd ..... C40228  
Parker Hannifin. .... A3010  
SMC Corporation of America ..... B17108  
**T. J. Snow** ..... B17000  
Technotrans America ..... A5852  
Thermal Care ..... A2950

## CHILLERS - THERMAL SPRAY

Chase Cooling Systems. .... C40818  
Firelce Solutions LLC ..... B22084  
Glen Dimplex Thermal Solutions ..... A3299  
nano-purification solutions ..... A3288  
Thermal Care ..... A2950

## CHILLERS - WELDING

GE Schmidt Inc. .... B31066  
Glen Dimplex Thermal Solutions ..... A3299  
**LaserStar Technologies Corp.** ..... A3007  
nano-purification solutions ..... A3288  
Orion Machinery Co Ltd ..... C40228  
Parker Hannifin. .... A3010  
Technotrans America ..... A5852

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**Angle-Rite® Clamping System** ..... B37070  
Attollo Lift. .... C40117  
B&B Pipe & Industrial Tool. .... B29074  
Berg & Co GmbH Spanntechnik. .... A5773  
BESSEY Tools North America. .... B33029  
**Bunting Magnetics Co.** ..... A5633  
Carr Lane Manufacturing Co. .... B37022  
Clamptek USA Inc. .... B33092  
**DIMIDE** ..... B28084  
EAS Mold & Die Change Systems Inc. .... A5251

FIT RITE Systems LLC ..... B10029

H & M Pipe Beveling Machine Co Inc. .... B25082

**Industrial Magnetics Inc** ..... A3067

Intercon Enterprises Inc ..... B23082

Kosmek USA. .... A5778

**Magswitch Technology Inc** ..... B33041

Pacesetter Systems ..... A5105

Serapid Inc. .... A5307

**Strong Hand Tools**. .... B35010

Sumner Manufacturing Co., LLC ..... B32061

Tecnomagnete Inc ..... C41716

**Welker Engineered Products** ..... B37031

## CLEANERS/WIPES

Aquasol Corp ..... B25061

DieTronic/Kent Corp ..... A4988

Kyzen Corporation. .... A5818

## CLEANING & DEGREASING COMPOUNDS

ADF Systems Ltd ..... A6481

Alconox. .... A6273

Almco Inc ..... A5619

BCI Surface Technologies

  Bulk Chemicals Inc ..... A5848

Bradford Derustit Corp ..... B35000

Calvary Industries Inc ..... A6412

Chemetall US Inc ..... A6467

Chemtec North America LLC ..... A6543

DST Chemicals Inc ..... A6387

DuBois Chemicals Inc ..... A5812

Henkel Corp ..... A6319

**Houghton International Inc** ..... A5043, A6581

International Chemical Co. .... A5617

Kyzen Corporation. .... A5818

Metalloid Corp ..... A5084, B10023

Pangborn Group ..... A4438

Proceco Ltd ..... A6184

Sculpt Nouveau ..... A5979

**Tower Metalworking Fluids** ..... A5435

WORX Environmental Products ..... B19098

## CLEANING & DEGREASING EQUIPMENT

ADF Systems Ltd ..... A6481

Alconox. .... A6273

Alliance Manufacturing Inc ..... A5952

Almco Inc ..... A5619

Astro Pak ..... B19083

Bayco / Guspro Inc ..... A6575

Bex Spray Nozzles ..... A6559

Cold Jet ..... B37064

CPR Systems ..... A6379

**eifeler Coatings Technology** ..... A5467

Ensitech Inc ..... B33069

Goff Inc. .... A5753

IHI Ionbond Inc. .... C41717

International Thermal

Systems LLC. .... A5855, A6187

Kolene Corporation ..... A6533

LS Industries Inc. .... A3179

Proceco Ltd ..... A6184

SciTeeX Group ..... A6459

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Viking Blast & Wash Systems ..... A5687

**Wheelabrator (Norican Group)** ..... A3027

## CLEANING & PHOSPHATIZING EQUIPMENT

ADF Systems Ltd ..... A6481

Alconox. .... A6273

Amiberica Inc ..... A5853

Bex Spray Nozzles ..... A6559

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PEM Inc ..... A6439

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System Technologies ..... A6255

Trimac Industrial Systems ..... A6325

Uni-Spray Systems Inc ..... A6316

## CLUTCHES/BRAKES & FRICTION MATERIAL

DESCH Canada Ltd ..... A5441

**Dynatect Manufacturing Inc** ..... A3209

**Goizper Group** ..... A5475

Torque Technologies Inc ..... A5475

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AGIR Technologies ..... C41735

**Ajan Elektronik Servis Sanayi Ve Ticaret Ltd St** ..... A2674

Blue Chip Engineered Products Inc ..... A2993

**Carell Corporation** ..... A4873

Cleveland Steel Tool Co. .... A3063

**Coldwater Machine Co** ..... A3274

Dalian Zhongsheng Metal Products Co Ltd ..... C41609

Diversified Transportation Services ..... C40219

Dongguan Meinie Tool & Die Co Ltd ..... C41823

**Eagle Bending Machines Inc** ..... A4873

Emmegi USA Inc ..... A2684

FANUC America Corp. .... A6563

Felton Inc ..... A3192

Haas Automation Inc. .... C41703

Hainan E-Mfg Technology Co. Ltd ..... C40826

Hsin Fu Chia Industrial Co Ltd ..... C41121

Italmac USA Inc ..... C40144

**Jet Edge** ..... A4201

**KAAST Machine Tools Inc** ..... A2677

KD Capital Equipment LLC ..... A3195

**KNUTH Machine Tools USA Inc** ..... A2874

Laguna Tools ..... C40902

**Lantek Sheet Metal Solutions** ..... A2906

LAP Laser ..... A2974

Leifeld Metal Spinning AG ..... A5280

Meccanica Ronzani Srl ..... B31097

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 Mohawk Machinery Inc . . . . . C40708  
**Nederman LLC** . . . . . B17049  
 Ocean Machinery Inc . . . . . A4867  
 Oriental Casting Inc . . . . . A5376  
**Peddinghaus Corp.** . . . . . A1845  
 SelfLube . . . . . A4905  
 Shenyang Jinbel Imp/Exp Co Ltd. . . . . C41841  
**SigmaTEK Systems LLC** . . . . . A4442  
 Sir Meccanica SpA . . . . . B32097  
 Southwestern Industries Inc . . . . . A5076  
 Supra Machine Tool . . . . . A3293

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TigerStop LLC . . . . . C40936  
 Voortman Corporation . . . . . A1861  
 Yih Shen Machinery Co. Ltd (YSM) . . . . . A5889  
 Zund America Inc . . . . . A3013

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American Industrial Sales LLC. . . . . A6281  
 AMOVA SARL . . . . . A6289  
**Bohler Uddeholm Corp** . . . . . A5467  
 Carlisle Fluid Technologies . . . . . A6216  
 Col-Met Engineered Finishing Solutions . . . . . A6442

Decoral System USA Corp. . . . . . A6584  
 DieTronic/Kent Corp . . . . . A4988  
**Durr Systems Inc** . . . . . A6284  
**eifeler Coatings Technology** . . . . . A5467  
 Filtermedia SRL . . . . . A6558  
**Gema USA Inc.** . . . . . A6243  
**George Koch Sons LLC** . . . . . A6131  
**Global Finishing Solutions** . . . . . A6248  
 Herr Industrial Inc . . . . . A6470  
 Hosco Fittings LLC . . . . . A5956  
 IHI Ionbond Inc . . . . . C41717  
**IntelliFinishing** . . . . . A6152  
 Meccanica Ronzani Srl . . . . . B31097  
 MetoKote Corp . . . . . A5945  
 NikoTrack LLC . . . . . A6456  
**Nordson Corp** . . . . . A6224  
 Oerlikon Balzers Coating USA Inc . . . . . A3019  
 Oerlikon Metco (US) Inc. . . . . A3019  
 Pillar Induction . . . . . B13070  
 Raziol Zibulla & Sohn GmbH . . . . . A5469  
**Richards-Wilcox Conveyor** . . . . . A6370  
 Sherwin-Williams . . . . . A6512  
 Spraying Systems Co . . . . . A5841  
 Stanza Machinery . . . . . A6287  
**Therma-Tron-X Inc** . . . . . A6267  
 Vapor Technologies . . . . . A5940  
 Wagner Systems Inc . . . . . A6262

**COATINGS (CONSUMABLE)**

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 American Photonics . . . . . A4391  
 Baoji Aati New Metal Co Ltd . . . . . A6557  
 Baril Coatings USA . . . . . A5821  
 BASF Corp . . . . . A6314  
 Carbit Paint Co . . . . . A6436  
 Chicago Coating Technologies . . . . . A5986  
**eifeler Coatings Technology** . . . . . A5467  
 Enhancement Technologies Inc / Sublite Miroglie . . . . . A6539  
 Environmental Coatings Inc . . . . . A6478  
 Huys Industries Ltd . . . . . B37008  
 IHI Ionbond Inc . . . . . C41717  
 II-VI Infrared . . . . . A4114  
 International Chemical Co . . . . . A5617  
 Jamestown Coating Technologies . . . . . A5981  
 Klinger Paint Co . . . . . A5985  
 Novacel . . . . . A6488  
**Oerlikon Balzers Coating USA Inc** . . . . . A3019  
 Patriot Metal Finishing Systems Inc . . . . . A6553  
 PPG Industries Inc . . . . . A5712  
**Quaker Chemical Corporation** . . . . . A5740  
 Raziol Zibulla & Sohn GmbH . . . . . A5469  
 Sculpt Nouveau . . . . . A5979  
 Sierra Paint Corporation . . . . . A6556

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- Tri-Chem Corp ..... C40704  
 Tru-Cut Saw Inc ..... B10028  
 Valmont Coatings ..... A5748  
 Weld-Aid Products ..... B31010

**COIL CARS & CRADLES**

- Athader ..... A4275  
 Bonak ..... A4275  
 Bradbury Co Inc ..... A4275  
 Bradbury Group, The ..... A4275  
 Butech Bliss ..... A3263  
 Chicago Slitter ..... C40701  
 COE Press Equipment Corporation ..... A5412, A5621  
 Colt Automation LTD ..... A5006  
 Dallas Industries Inc ..... A5120  
 Feed Lease Corp ..... A5150  
 FORMTEK-ME ..... A5036  
 Green Valley Manufacturing Inc ..... A5094  
 Hayes International ..... A4275  
 Oriimec Corporation of America ..... A5048  
 P/A Industries Inc ..... A5612  
 Philpott Rubber/Lankhorst Mouldings ..... A5057  
 Pivatic ..... A3280  
 Plasti-Contenedores S DE RL MI ..... C40916  
 Polyurethane Products Corp ..... A1240  
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- ANDRITZ Herr-Voss Stamco Inc ..... A3114  
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 Burghardt + Schmidt Group ..... A4287  
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 Chicago Slitter ..... C40701  
 CIDAN Machinery Inc ..... A3574  
 COE Press Equipment Corporation ..... A5412, A5621  
 Current Composites Inc ..... A3889  
 Dallas Industries Inc ..... A5120  
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 Dimeco Coil Technologies Inc ..... A3591  
 Edge Manufacturing Inc ..... C41209  
 Erickson Metals Corp ..... A5039  
 Excel Industrial Electronics ..... C41815  
 Fagor Arrasate ..... A5269  
 Feed Lease Corp ..... A5150  
 Formtek Inc ..... A3002  
 FORMTEK-ME ..... A5036  
 Gauer Metal Products Inc ..... C40333

- Heinrich Georg GmbH GEORG ..... A3078  
 Nantong Reliantt ..... A3026  
 NGK Metals Corp ..... A5056

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 Pivatic ..... A3280

- Press Room Equipment Co ..... A5439  
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- Roper Whitney ..... A4888  
 SES Salico Finishing and Processing LLC ..... C41128

- STAM SpA ..... A3153  
 Tremefil Izaguirre SA ..... B16097

**COIL END JOINING EQUIPMENT**

- ARKU Coil Systems Inc ..... A2862  
 ASMAG USA Inc ..... B10022  
 Ideal Welding Systems LP ..... B21094  
 Kent Corp ..... B14025

**COIL FEED LINE**

- Alma Machinery Co ..... A5237  
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 ASMAG USA Inc ..... B10022  
 Athader ..... A4275  
 Bradbury Metal Tile Roofing Solutions ..... A4275  
 Burghardt + Schmidt Group ..... A4287  
 Butech Bliss ..... A3263  
 COE Press Equipment Corporation ..... A5412, A5621  
 Colt Automation LTD ..... A5006  
 Dallas Industries Inc ..... A5120  
 Fagor Arrasate ..... A5269  
 Feed Lease Corp ..... A5150  
 FORMTEK-ME ..... A5036  
 Oriimec Corporation of America ..... A5048  
 P/A Industries Inc ..... A5612  
 Pivatic ..... A3280  
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 RDI Laser Blanking Systems ..... C40701  
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 ASKO Inc ..... A2923  
 Athader ..... A4275  
 Bradbury Co Inc ..... A4275  
 Bradbury Group, The ..... A4275  
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- SES Salico Finishing and Processing LLC ..... C41128

- STAM SpA ..... A3153  
 Stamtec Inc ..... A5431

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 Dalmech Inc ..... A2969  
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 Tecnomagnete Inc ..... C41716  
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 Burghardt + Schmidt Group ..... A4287  
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- Philpott Rubber/Lankhorst Mouldings ..... A5057

**COIL PROCESSING - TENSION BOARDS**

- Armstrong Kover Kwick Inc ..... A3089  
 Diamond Wire Spring ..... C41120

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- Alliance Machine and Engraving LLC ..... A4275  
 Anhui Huatian Mechanic Co Ltd ..... C40833  
 ASKO Inc ..... A2923  
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 Burghardt + Schmidt Group ..... A4287  
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     A Rice Lake Weighing Systems Co. ..... C40842  
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Bonak . . . . .	A4275
Bradbury Co Inc . . . . .	A4275
Bradbury Group, The . . . . .	A4275
Braner USA Inc . . . . .	A3241
Burghardt + Schmidt Group . . . . .	A4287
Butech Bliss . . . . .	A3263
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Cowles Tool Co . . . . .	A2810
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Colt Automation LTD . . . . .	A5006
Dallas Industries Inc . . . . .	A5120
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Hayes International . . . . .	A4275
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Press Room Equipment Co . . . . .	A5439
Roper Whitney . . . . .	A4888
Samco Machinery Ltd . . . . .	A3245
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Heraeus Noblelight LLC . . . . .	A5845
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Pangborn Group . . . . .	A4438
PEM Inc . . . . .	A6439
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Technical Translation Services . . . . .	A3050
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Focus Technology Co Ltd . . . . .	C41008

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Houghton International Inc . . . . .	A6581
IHC Inc . . . . .	A6526
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Industrial Magnetics Inc . . . . .	A3067

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MPI Magnetic Products Inc	.A4941
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NikoTrack LLC	.A6456
P/A Industries Inc	.A5612
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Peddinghaus Corp	.A1845
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Richards-Wilcox Conveyor	.A6370
Southern Systems Inc	.A5916
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Therma-Tron-X Inc	.A6267
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DuBois Chemicals Inc	.A5812
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Met-L-Flo Inc .....	B63
Nutron Nameplate Inc.....	A3156
Proto Labs Inc. ....	B501
Uni-Spray Systems Inc .....	A6316

## ENVIRONMENTAL/CLEAN ROOMS - FINISHING

Accudraft Paint Booths .....	A6471
General Automatic Transfer.....	A6453
General Fabrications Corp.....	A5921
George Koch Sons LLC .....	A6131
Midwest Finishing Systems.....	A6155
RollSeal Inc. ....	A6271
Therma-Tron-X Inc .....	A6267

## ENVIRONMENTAL/WASTE MANAGEMENT/RECYCLING SERVICES

DMP Corporation .....	A6555
GMA Industries Inc .....	A6519
Nordic Air Filtration.....	A6437
Pollution Control Products Co. ....	A5743

## ERGONOMIC EQUIPMENT/PRODUCTS

Allegro Industries .....	B37055
Allstrap Steel & Poly Strapping Systems	C40316
Anthony Welded Products Inc .....	B33041
Attollo Lift.....	C40117
Denray Machine Inc .....	C41018
Eurolink Inc. ....	A5186
ISSB .....	A3269
TAB Industries LLC .....	A3599

## EXOTHERMIC CUTTING MACHINES

Enutron Industrial Corp .....	A3045
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## EXTRUDING MACHINES

Cannistraro Fabrication Services.....	B12090
Hydraulico as .....	A5669

## FASTENERS

BESSEY Tools North America.....	B33029
Blue Chip Engineered Products Inc .....	A2993
Bollhoff USA .....	B33087
Current Composites Inc. ....	A3889
Fastener Fair USA 2018 .....	B14098
Gripnail Corporation .....	C41604
Haeger Inc .....	A2707
International Welding Technologies Inc .....	B37017
JHP Fasteners Inc .....	A3169
Jiaxing Aerotec Precision Co Ltd .....	C41528
Keystone Fastening Technologies .....	B25074
Lenzkes Clamping Tools Inc .....	A5108
Manufacturing Solutions Industries Inc .....	B19097
Master Magnetics .....	A3188
Morton Machine Works .....	C40722
Nelson Stud Welding Inc .....	B33010
PennEngineering .....	A5002
Southern Stud Weld Inc. ....	B24108
TRU-FIT Products TRU-Weld .....	B35056

## FASTENING/JOINING EQUIPMENT

Allstrap Steel & Poly Strapping Systems .....	C40316
Ambrell Induction Heating Solutions .....	B10020
Blue Chip Engineered Products Inc .....	A2993
Bollhoff USA .....	B33087
BTM Company LLC .....	B21108
CEIA USA Induction Heating Systems .....	B28069
DIMIDE .....	B28084
FIT RITE Systems LLC .....	B10029
Fusion Inc. ....	B31042
Gripnail Corporation .....	C41604
Haeger Inc .....	A2707
Hosco Fittings LLC .....	A5956
Huys Industries Ltd. ....	B37008
International Welding Technologies Inc .....	B37017
JHP Fasteners Inc .....	A3169
Keystone Fastening Technologies .....	B25074
LaserStar Technologies Corp. ....	A3007
Michigan Pneumatic Tool Inc. ....	B21100
Nelson Stud Welding Inc .....	B33010
Norlok Technology Inc. ....	A1242
PennEngineering .....	A5002
Preston-Eastin Inc. ....	B32037
Southern Stud Weld Inc. ....	B24108
TRU-FIT Products TRU-Weld .....	B35056

## FIBER LASERS

3D Fab Light .....	B10070
Alliance Laser Sales .....	C41330
Amada America Inc. ....	A1802
ASTES4 SA .....	A1035
Beamer Laser Systems .....	C41005
Cajo Technologies .....	C40739
Convergent Photonics .....	A4292
Cy Laser America .....	A2680
Disma Metalmechanica .....	A4257
Gravotech Inc .....	A3141
Hans Laser Technology Industry Group Co Ltd. ....	A4878
International Technologies Inc. ....	A3031
jenoptik Automotive North America LLC. ....	A1039
Jinan Xintian Technology Co Ltd .....	B30105
Jordi Universal VSL .....	A1467
LaserStar Technologies Corp. ....	A3007
Maxphotonics Co Ltd .....	C40638
MegaFab .....	A3840
Modern Manufacturing Technologies Intl. ....	A2867
Murata Machinery USA Inc. ....	A4240
nLIGHT Inc .....	A1025
Piranha .....	A3840
Seit Elettronica .....	C41412
Senfeng CNC & Laser Technology USA Inc. ....	C40521
Slatpro LLC .....	A4389
Thermacut Inc .....	B19045

## FILTERS FOR SPRAY BOOTHS

American Fabric Filter Co .....	A6542
APEL International .....	A6372
Col-Met Engineered Finishing Solutions .....	A6442
Columbus Industries Inc .....	A6419
Gema USA Inc. ....	A6243
Global Finishing Solutions .....	A6248
Imperial Systems Inc .....	B15061
Nordic Air Filtration .....	A6437
Nordson Corp .....	A6224
Spray Systems Inc .....	A5954

## FINANCING

Capital One Spark Business Card .....	B31100
Cornerstone Capital Partners .....	B19084
Coveted Financial Services LLC .....	C40839
Iowa Area Development Group .....	A6239
KD Capital Equipment LLC .....	A3195
MC Machinery Systems Inc. ....	A2619
TRUMPF Inc .....	A2601, B103, B11013

## **FINISHING SYSTEMS ENGINEERING & INSTALLATION SERVICES (SYSTEMS HOUSES)**

Accudraft Paint Booths . . . . .	A6471
AFC Finishing Systems . . . . .	A6476
AM Machinery Sales Inc . . . . .	A2814
Amberica Inc . . . . .	A5853
BlastOne . . . . .	A6276
Caldan Conveyor A/S . . . . .	A6537
Carlisle Fluid Technologies . . . . .	A6216
ChemQuest Inc . . . . .	A6237
Clemco Industries Corp . . . . .	A6463
Col-Met Engineered Finishing Solutions . . . . .	A6442
Daifuku North America - Jervis B Webb Company . . . . .	A6524
Durr Systems Inc . . . . .	A6284
Electrocoat Association, The . . . . .	A6418
Fostoria Process Equipment, div. of TPI Corp . . . . .	A6212
Fromm Packaging Systems . . . . .	B12087
Gema USA Inc . . . . .	A6243
General Automatic Transfer . . . . .	A6453
General Fabrications Corp . . . . .	A5921
George Koch Sons LLC . . . . .	A6131
Global Finishing Solutions . . . . .	A6248
Herr Industrial Inc . . . . .	A6470
IntelliFinishing . . . . .	A6152
Magic Rack/Production Plus Corp . . . . .	A5938
Meccanica Ronzani Srl . . . . .	B31097
MetoKote Corp . . . . .	A5945
Midwest Finishing Systems . . . . .	A6155
NikoTrack LLC . . . . .	A6456
Pneu-Mech Systems Mfg . . . . .	A5914
Sames Kremlin . . . . .	A6259
Spray Systems Inc . . . . .	A5954
Spray Tech/Junair . . . . .	A6473
Stanza Machinery . . . . .	A6287
System Technologies . . . . .	A6255
Therma-Tron-X Inc . . . . .	A6267
Thierica Equipment Corp . . . . .	A6179
Trimac Industrial Systems . . . . .	A6325
Uni-Spray Systems Inc . . . . .	A6316
Venjakob North America Inc / Nutro Inc . . . . .	A6484
Webb-Stiles Co . . . . .	A6544

## **FLAME CUTTING MACHINES**

Ajan Elektronik Servis Sanayi Ve Ticaret Ltd St . . . . .	A2674
B&B Pipe & Industrial Tool . . . . .	B29074
CG Global Systems . . . . .	B35070
Dynatorch Inc . . . . .	B15066
Ficep Corporation . . . . .	A2667
H & M Pipe Beveling Machine Co Inc . . . . .	B25082
Hornet Cutting Systems . . . . .	A2892
igm Robotic Systems Inc . . . . .	B19061
Mathey Dearman . . . . .	B17031
Messer Cutting Systems . . . . .	A4860
Park Industries . . . . .	A4088

Piranha . . . . .	A3840
Praxair Inc . . . . .	B23049
Rhino Cutting Systems . . . . .	C40530
Sugar Steel Corp . . . . .	A3033
Victory CNC Plasma Systems . . . . .	B35073

## **FLANGING MACHINES**

1960 Seravesi SRL . . . . .	C40340
Boldrini srl . . . . .	A4248
Carell Corporation . . . . .	A4873
COLE-TUVE Inc . . . . .	A3875
ESCO Tool Co . . . . .	A3131
Faccin USA Inc . . . . .	A4248
HAEUSLER AG Duggingen . . . . .	A2856
RAS Systems LLC . . . . .	A4831
ROUNDO . . . . .	A4248
Sir Meccanica SpA . . . . .	B32097
Tri Tool Inc . . . . .	B33013

## **FLUID PROCESSING COMPONENTS & SYSTEMS**

Bex Spray Nozzles . . . . .	A6559
ERIEZ . . . . .	A3227
Mayfran International Inc . . . . .	A5045

## **FLUX (GAS WELDING/BRAZING)**

Golden Eagle Minmetals (Beijing) Wldg Materials Co . . . . .	B30089
Tianjin Jinlong Welding Material Co Ltd . . . . .	B27096
voestalpine Bohler Welding USA Inc . . . . .	B27055

## **FLUX (SOLDERING)**

LA-CO Industries Inc . . . . .	B25064
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## **FLUX (SUBMERGED ARC)**

ESAB Welding & Cutting Products . . . . .	B17074
Harbert's Products Inc/Allied Flux Reclaiming Ltd . . . . .	B25066
Hobart Brothers . . . . .	B23034
Lincoln Electric Co . . . . .	B19021
Midalloy . . . . .	B33043
PITTARC Welding Wires . . . . .	B37042
voestalpine Bohler Welding USA Inc . . . . .	B27055

## **FLUX CORED WIRE**

Airgas Inc . . . . .	B27013
Baoji Boze Metal Products Co Ltd . . . . .	B29068
Changzhou Zhengyang Welding Material Co Ltd . . . . .	B29100
COR-MET INC . . . . .	B37058
DURUM Verschleiss-Schutz GmbH . . . . .	C41420
ESAB Welding & Cutting Products . . . . .	B17074
Hobart Brothers . . . . .	B23034
Lincoln Electric Co . . . . .	B19021
Midalloy . . . . .	B33043
National Standard . . . . .	B31049
Polymet Corp . . . . .	B32070
Sandvik Materials Technology . . . . .	B25079

## Tianjin Jinlong Welding

Material Co Ltd . . . . .	B27096
voestalpine Bohler Welding USA Inc . . . . .	B27055
Winnox Industries Ltd . . . . .	B30091

## **FLYING CUTOFF MACHINES**

ASMAG USA Inc . . . . .	B10022
Beck Automation . . . . .	A4275
Bradbury Group Australia . . . . .	A4275
Butech Bliss . . . . .	A3263
DMCTECH CO., LTD. . . . .	B15091
Dreistern Inc . . . . .	A3061
Duck Myung Co. Ltd. . . . .	B15092
Excel Industrial Electronics . . . . .	C41815
FD Machinery . . . . .	B15028
Formtek Inc . . . . .	A3002
Haas Saw & Supply . . . . .	A4212
Kar Metal San Ve Tic LTD STI . . . . .	A1012
Kent Corp . . . . .	B14025
Kinkelder USA . . . . .	B10034
Kolev Engineering Inc . . . . .	A4987
Passline Performance . . . . .	B10005
Pat Mooney Saws . . . . .	A3579

## **FOLDING MACHINES**

Beck Automation . . . . .	A4275
Bradbury Co Inc . . . . .	A4275
CIDAN Machinery Inc . . . . .	A3574
Enutron Industrial Corp . . . . .	A3045
Hayes International . . . . .	A4275
MetalForming Inc . . . . .	A4853
RAS Systems LLC . . . . .	A4831
Roper Whitney . . . . .	A4888

## **FOOT SWITCHES/CONTROLS/PEDALS**

Carell Corporation . . . . .	A4873
Eagle Bending Machines Inc . . . . .	A4873
MK Products Inc . . . . .	B31013
Press Brake Safety . . . . .	A2988
Rockford Systems LLC . . . . .	A5386
SUNS International LLC . . . . .	A3087

## **FREE FORM FABRICATION/RAPID MANUFACTURING**

Cambridge Vacuum Engineering . . . . .	C41544
Strong Hand Tools . . . . .	B35010

## **FRIT, PORCELAIN ENAMEL**

Gema USA Inc . . . . .	A6243
Nordson Corp . . . . .	A6224

## **FURNACES**

Benteler Maschinenbau GmbH . . . . .	A5660
GH Induction Atmospheres LLC . . . . .	B17088
INTEK Corporation . . . . .	A6421
International Thermal Systems LLC . . . . .	A5855
PDS Bartech Inc . . . . .	B31103
Pollution Control Products Co . . . . .	A5743

**FURNITURE PARTS & COMPONENTS**

Blue Chip Engineered Products Inc . . . . .	A2993
Chambrelan Industrial Slides Inc. . . . .	C40928
Morton Machine Works . . . . .	C40722
Rigidized Metals Corp . . . . .	A3204

**GALVANIZING EQUIPMENT & SUPPLIES**

Ajax Tocco Magnethermic Corp. . . . .	B13070
AZZ Metal Coatings. . . . .	A6567
Pillar Induction . . . . .	B13070
V&S Galvanizing LLC. . . . .	A5816
Valmont Coatings . . . . .	A5748
Weld-Aid Products . . . . .	B31010

**GARNET REMOVAL EQUIPMENT**

Barton International . . . . .	A4084
Jet Edge . . . . .	A4201
TECHNI Waterjet . . . . .	A3562

**GAS BLENDERS**

CONCOA Inc . . . . .	A3248
IBEDA/Superflash Compressed Gas Equipment Inc . . . . .	B31000
McDantim Inc . . . . .	B25069
Weldcoa . . . . .	B32006
WITT Gas Controls . . . . .	B37028

**GAS CYLINDERS/STORAGE TANKS**

Chart Inc. . . . .	B27065
Dalian Zhongsheng Metal Products Co Ltd. . . . .	C41609
Holtec Gas Systems . . . . .	A3291
Hydraulico as . . . . .	A5669

**GAS DISTRIBUTION & HANDLING EQUIPMENT**

Airgas Inc . . . . .	B27013
Anthony Welded Products Inc . . . . .	B33041
Chart Inc. . . . .	B27065
CONCOA Inc . . . . .	A3248
Gas Control Systems Inc. . . . .	A3174
Holtec Gas Systems . . . . .	A3291
IBEDA/Superflash Compressed Gas Equipment Inc . . . . .	B31000
Weldcoa . . . . .	B32006
WITT Gas Controls . . . . .	B37028

**GAS LEAK DETECTION CHEMICALS**

IBEDA/Superflash Compressed Gas Equipment Inc . . . . .	B31000
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**GASES - CUTTING**

Airgas Inc . . . . .	B27013
Gas Control Systems Inc . . . . .	A3174
Holtec Gas Systems . . . . .	A3291
Messer Cutting Systems . . . . .	A4860
Morris Precision Technology Company Limited . . . . .	B37068
Ningbo Starex Welding & Cutting Tech Technologies. . . . .	B28098

**GASES - WELDING (FUEL)**

Airgas Inc . . . . .	B27013
Chart Inc. . . . .	B27065
Morris Precision Technology Company Limited . . . . .	B37068
Ningbo Qisheng Welding Tools Plant . . . . .	B30103
Ningbo Starex Welding & Cutting Tech Technologies. . . . .	B28098
SanRex Corp. . . . .	B28082

**GASES - WELDING (SHIELDING/PURGING)**

Abicor Binzel . . . . .	B19045
Airgas Inc . . . . .	B27013
Chart Inc. . . . .	B27065
COB Industries Inc . . . . .	B37049
Gas Control Systems Inc. . . . .	A3174
McDantim Inc . . . . .	B25069
Praxair Inc . . . . .	B23049

**GAUGING/BACK GAUGING SYSTEMS**

Automec Inc . . . . .	A3257
B&O Saws Incorporated . . . . .	C41010
Enutron Industrial Corp . . . . .	A3045
Fab Supply Inc . . . . .	A2936
Scotchman Industries Inc . . . . .	A4217

**GENERAL CONTRACTING/CONSTRUCTION SERVICES**

5 Star Engineering and Maintenance . . . . .	B10065
Lee Contracting Inc. . . . .	A5648
Nucor Buildings Group . . . . .	A3175

**GENERATORS - NITROGEN GAS**

Chase Cooling Systems. . . . .	C40818
Gas Control Systems Inc . . . . .	A3174
nano-purification solutions . . . . .	A3288
Parker Hannifin. . . . .	A3010

**GOUGING EQUIPMENT**

Flame Technologies Inc. . . . .	B32010
Gullco International . . . . .	B33005

**GRINDERS - TOOL**

Allstate Saws & Machining LLC. . . . .	C41119
Amada America Inc. . . . .	A1802
Burr King Manufacturing Co . . . . .	A3059
Chicago Pneumatic Tool Co. . . . .	B29079
Cibo NV. . . . .	B33066
Dake Corporation . . . . .	A4492
Darex LLC. . . . .	C40525
DCM Tech Inc . . . . .	A2913
Joysun Abrasives Co Ltd. . . . .	C41426
Mate Precision Tooling . . . . .	A1231
Michigan Pneumatic Tool Inc. . . . .	B21100
Top Cat Air Tools . . . . .	B34047
Wendt USA LLC. . . . .	B31034
Wilson Tool International. . . . .	A2831

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**GUIDE POSTS**

Agathon Machine Tools Inc . . . . .	A5177
DAYTON Lamina Corporation . . . . .	A5444
Fibro Inc . . . . .	A5676
Jiashan PVB Sliding Bearing Co. Ltd. . . . .	A5287
SelfLube . . . . .	A4905

**HAND BENDERS**

Lakeland Products . . . . .	B16099
OP USA Inc . . . . .	B14094
Saar Hartmetall USA LLC . . . . .	B10017

**HAND TOOLS - NIBBLING**

Bad Dog Tools . . . . .	A5888
CS Unitec Inc . . . . .	B33061
Millner-Haufen Tool Company . . . . .	C40346

**HAND TOOLS - NIBBLING, OTHER**

3M . . . . .	B31054
Bad Dog Tools . . . . .	A5888
BESSEY Tools North America . . . . .	B33029
Beta Tools USA . . . . .	C41606
Chicago Pneumatic Tool Co. . . . .	B29079
DEWALT – Power Tools & Abrasives . . . . .	B29084
Fromm Packaging Systems . . . . .	B12087
Heck Industries . . . . .	B33049
LENOX® . . . . .	A3080
Lenzkes Clamping Tools Inc . . . . .	A5108
Master Magnetics . . . . .	A3188
Micro-Surface Finishing Products . . . . .	A6424
Millner-Haufen Tool Company . . . . .	C40346
Saar Hartmetall USA LLC . . . . .	B10017
Strong Hand Tools . . . . .	B35010
Tenryu America Inc . . . . .	B10004
The M.K. Morse Company . . . . .	A4284
York Portable Machine Tools . . . . .	B25068
Zhejiang Dongye Valve Co Ltd . . . . .	C40325

**HARDFACING/SURFACING (POWDER ALLOYS)**

ESAB Welding & Cutting Products . . . . .	B17074
Jiangyin Chengqing Special Alloy Material Co Ltd . . . . .	B28094
LSN Diffusion Ltd/Surface Flow Technologies Inc . . . . .	C41520
voestalpine Bohler Welding USA Inc . . . . .	B27055

**HARDFACING/SURFACING (STRIP CLADDING)**

ESAB Welding & Cutting Products . . . . .	B17074
voestalpine Bohler Welding USA Inc . . . . .	B27055

**HARDFACING/SURFACING (WIRE)**

Changzhou Zhengyang Welding Material Co Ltd . . . . .	B29100
COR-MET INC . . . . .	B37058
Hobart Brothers . . . . .	B23034
Lincoln Electric Co . . . . .	B19021
Polymet Corp . . . . .	B32070

voestalpine Bohler Welding USA Inc . . . . .	B27055
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Welding Alloys USA . . . . .	B32021
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**HARDFACING/SURFACING EQUIPMENT - FINISHING**

Lessmann Inc. . . . .	C41422
Rocklin Manufacturing Co. . . . .	A2938
Welding Alloys USA . . . . .	B32021

**HEAT EXCHANGERS**

Hydraulico as . . . . .	A5669
Thermal Care . . . . .	A2950

**HEAT TREATING EQUIPMENT/STRESS RELIEVING EQUIPMENT**

Ajax Tocco Magnethermic Corp. . . . .	B13070
Ambrell Induction Heating Solutions . . . . .	B10020
Bayco / Guspro Inc . . . . .	A6575
Benteler Maschinenbau GmbH . . . . .	A5660
CEIA USA Induction Heating Systems . . . . .	B28069
eifeler Coatings Technology . . . . .	A5467
GH Induction Atmospheres LLC . . . . .	B17088
IHI Ionbond Inc . . . . .	C41717
INTEK Corporation . . . . .	A6421
PDS Bartech Inc . . . . .	B31103
Pillar Induction . . . . .	B13070
Radyne Corp. . . . .	A5369
SAET Emmedi . . . . .	B13070
Selas Heat Technology . . . . .	A6425
Ultraflex Power Technologies Corp . . . . .	B16100

**HOSE CRIMPING**

OP USA Inc . . . . .	B14094
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**IN-DIE ASSEMBLY**

Automated Tapping Systems . . . . .	A5255
Dongguan Zerostart-tool Co., Ltd. . . . .	C41816
Lucky Harvest Co Ltd . . . . .	A5784
Penn United Technologies Inc . . . . .	A5239
PennEngineering . . . . .	A5002
Pronic Inc . . . . .	A5041

**IN-DIE TAPPING**

Automated Tapping Systems . . . . .	A5255
Dongguan Meinie Tool & Die Co Ltd . . . . .	C41823
Dongguan Zerostart-tool Co., Ltd. . . . .	C41816
Hutchison Tool Sales Co . . . . .	A5341
Jarvis Cutting Tools . . . . .	A5374
Lucky Harvest Co Ltd . . . . .	A5784
Pronic Inc . . . . .	A5041

**INDUSTRIAL PARTITIONS & ENCLOSURES**

JMR Industrial . . . . .	A3599
Lasermet Inc. . . . .	B33101
Laservision . . . . .	A3125
Shaver Industries Inc . . . . .	C40725
Singer Safety Co. . . . .	A6577

**INHIBITORS**

ChemQuest Inc . . . . .	A6237
Daubert Cromwell . . . . .	A4917
DST Chemicals Inc . . . . .	A6387
Vogel Industrial Coatings . . . . .	A5943
Zerust Corrosion Solutions . . . . .	C41721
Zormot International Inc . . . . .	B20103

**INSPECTION & TESTING - LOAD MONITORING & WEIGHING**

Helm Instrument Co Inc . . . . .	A5106
Intercomp . . . . .	A5472
Measurement Systems Intl A Rice Lake Weighing Systems Co . . . . .	C40842
Mighty Hook Inc . . . . .	A6531
Toledo Integrated Systems . . . . .	A5138

**INSPECTION & TESTING - QUALITY/PROCESS CONTROL**

Accurate Technology Inc . . . . .	B17094
Accurex Measurement Inc . . . . .	B10037
Advanced Tubular Technologies Inc . . . . .	B10064
Alliance Manufacturing Inc . . . . .	A5952
Automated Tapping Systems . . . . .	A5255
Clark Fixture Technologies . . . . .	B10025
Creaform . . . . .	B64
Crum Manufacturing Inc . . . . .	B14071
Dakota Ultrasonics . . . . .	B34070
Danatronics Corp. . . . .	B23092
Dino-Lite Scopes (BigC) . . . . .	B25070
Elcometer Inc . . . . .	A5737, B33047
Fischer Technology Inc . . . . .	A6356
Fluke Corporation . . . . .	C40215
Fluke Process Instruments . . . . .	A5739
Hexagon Manufacturing Intelligence . . . . .	A1032
Hitachi High-Tech Analytical Science . . . . .	B20106
Innerspec Technologies . . . . .	B18100
Intercomp . . . . .	A5472
InterTest . . . . .	B37040
ISEND SA . . . . .	B40
Jenoptik Automotive North America LLC . . . . .	A1039
Keyence Corp of America . . . . .	A3139
Laboratory Testing Inc . . . . .	B28083
Measurement Systems Intl A Rice Lake Weighing Systems Co . . . . .	C40842
Metronor Inc . . . . .	B12097
Mode Kartela Boya Ltd Stl . . . . .	A6520
Oasis Scientific Inc . . . . .	A3124
Olympus America Inc . . . . .	B17033
Ophir Spiricon LLC . . . . .	C40912
plasma USA LLC . . . . .	B33054
Rigaku Analytical Devices . . . . .	B19103
SciAps Inc. . . . .	B10074
Servo-Robot Inc . . . . .	B32034
SICK Inc . . . . .	A3284
Starrett Company . . . . .	A3892, A5384
Thermo Fisher Scientific . . . . .	B13071
Tribogenics Inc . . . . .	C40923

Verisurf Software Inc. ....	C40719	Haven Manufacturing Corp. ....	B15087
VKS - Visual Knowledge Share .....	A5689	Hexagon Manufacturing Intelligence....	A1032
Welder Training & Testing Institute .....	C41533	Hitachi High-Tech Analytical Science. ....	B20106
Xiris Automation Inc. ....	B16030	Innerspec Technologies. ....	B18100
Yada Piping Solution Co Ltd. ....	B16094	InterTest. ....	B37040
<b>INSPECTION/TESTING EQUIPMENT - DIMENSIONAL &amp; SHAPE/MEASURING</b>			
Accurate Technology Inc. ....	B17094	ISEND SA. ....	B40
Accurex Measurement Inc. ....	B10037	Metronor Inc. ....	B12097
Clark Fixture Technologies .....	B10025	NDT Technologies Inc. ....	B18097
Creaform .....	B64	Oasis Scientific Inc. ....	A3124
Crum Manufacturing Inc. ....	B14071	Olympus America Inc. ....	B17033
Dakota Ultrasonics .....	B34070	OP USA Inc. ....	B14094
Danatronics Corp. ....	B23092	plasmo USA LLC. ....	B33054
data M Sheet Metal Solutions GmbH. ....	A3255	SciAps Inc. ....	B10074
DIMECC Ltd. ....	C41144	Serimax Holdings. ....	B20084
Dino-Lite Scopes (BigC) .....	B25070	Starrett Company. ....	A3892, A5384
Ekide .....	C40921	Thermo Fisher Scientific. ....	B13071
FARO Technologies Inc. ....	A4075	Xiris Automation Inc. ....	B16030
Hexagon Manufaturing Intelligence....	A1032		
Intercomp. ....	A5472		
InterTest. ....	B37040		
Jenoptik Automotive North America LLC. ....	A1039		
Keyence Corp of America .....	A3139		
Measurement Systems Intl A Rice Lake Weighing Systems Co. ....	C40842		
Metronor Inc. ....	B12097		
NDT Technologies Inc. ....	B18097		
Olympus America Inc. ....	B17033		
Serimax Holdings. ....	B20084		
TigerStop LLC. ....	C40936		
Virtek Vision International. ....	A4474		
Xiris Automation Inc. ....	B16030		
ZEISS Industrial Metrology .....	B73		
<b>INSPECTION/TESTING EQUIPMENT - FINISHING</b>			
DeFelsko Corp. ....	A5957		
Dino-Lite Scopes (BigC) .....	B25070		
Fluke Process Instruments. ....	A5739		
Hitachi High-Tech Analytical Science. ....	B20106		
Jenoptik Automotive North America LLC. ....	A1039		
Oasis Scientific Inc. ....	A3124		
Olympus America Inc. ....	B17033		
ZEISS Industrial Metrology .....	B73		
<b>INSPECTION/TESTING EQUIPMENT - HARDNESS</b>			
DeFelsko Corp. ....	A5957		
Edge Manufacturing Inc. ....	C41209		
Fischer Technology Inc. ....	A6356		
ISEND SA. ....	B40		
NDT Technologies Inc. ....	B18097		
Olympus America Inc. ....	B17033		
Struers Inc. ....	B18092		
<b>INSPECTION/TESTING EQUIPMENT - LEAK/HYDROSTATIC</b>			
Fives. ....	B11000		
Jenoptik Automotive North America LLC. ....	A1039		
Olympus America Inc. ....	B17033		
<b>INSPECTION/TESTING EQUIPMENT - PRESSURE/FORCE</b>			
Delta Computer Systems Inc. ....	A4923		
Fluke Corporation. ....	C40215		
Olympus America Inc. ....	B17033		
Starrett Company. ....	A3892, A5384		
<b>INSPECTION/TESTING EQUIPMENT - SHEET METAL</b>			
Amada America Inc. ....	A1802		
Dakota Ultrasonics .....	B34070		
Danatronics Corp. ....	B23092		
Mode Kartela Boya Ltd Stl. ....	A6520		
Olympus America Inc. ....	B17033		
SciAps Inc. ....	B10074		
Tribogenics Inc. ....	C40923		
Virtek Vision International. ....	A4474		
<b>INSPECTION/TESTING EQUIPMENT - SURFACE FINISH</b>			
DeFelsko Corp. ....	A5957		
Dino-Lite Scopes (BigC) .....	B25070		
Elcometer Inc. ....	A5737, B33047		
Fischer Technology Inc. ....	A6356		
Fluke Process Instruments. ....	A5739		
Hitachi High-Tech Analytical Science. ....	B20106		
Jenoptik Automotive North America LLC. ....	A1039		
LDPI Inc. ....	A6336		
Mode Kartela Boya Ltd Stl. ....	A6520		
NDT Technologies Inc. ....	B18097		
Olympus America Inc. ....	B17033		
Starrett Company. ....	A3892, A5384		
Tribogenics Inc. ....	C40923		
ZEISS Industrial Metrology .....	B73		
<b>INSPECTION/TESTING EQUIPMENT - TEMPERATURE</b>			
DeFelsko Corp. ....	A5957		
Fluke Process Instruments. ....	A5739		
LA-CO Industries Inc. ....	B25064		
<b>INSPECTION/TESTING EQUIPMENT - TUBE/PIPE</b>			
Accurate Technology Inc. ....	B17094		
Accurex Measurement Inc. ....	B10037		
Addition Manufacturing Technologies .	B15037		
Advanced Tubular Technologies Inc. ....	B10064		
Crum Manufacturing Inc. ....	B14071		
Dakota Ultrasonics .....	B34070		
Danatronics Corp. ....	B23092		
Elcometer Inc. ....	A5737, B33047		
<b>INSPECTION/TESTING SERVICES</b>			
ACT Test Panels LLC. ....	A6333		
Dino-Lite Scopes (BigC) .....	B25070		
INTERTEK. ....	A6369		
Keyence Corp of America .....	A3139		
Laboratory Testing Inc. ....	B28083		
Metronor Inc. ....	B12097		
SafetyPlusWeb. ....	C40834		
SciAps Inc. ....	B10074		
ZEISS Industrial Metrology .....	B73		
<b>INSURANCE/WORKERS COMPENSATION SERVICES</b>			
Travelers Indemnity Company. ....	A4919		
<b>INVENTORY MANAGEMENT</b>			
Beck Automation. ....	A4275		
eTraveler. ....	C40823		
Fehr Warehouse Solutions Inc. ....	A5877		
Modula. ....	A5653		
Philpott Rubber/Lankhorst Mouldings .	A5057		
<b>IRONWORKERS</b>			
Carell Corporation. ....	A4873		
Cleveland Steel Tool Co. ....	A3063		
COMEQ Inc. ....	A3514		
Disma Metalmechanica. ....	A4257		
G&J Hall Tools Inc. ....	B32090		
KAAST Machine Tools Inc. ....	A2677		
Kalamazoo Metal Muncher. ....	A3052		
MegaFab. ....	A3840		
Nitto Kohki USA Inc. ....	A4416		
Peddinghaus Corp. ....	A1845		
Scotchman Industries Inc. ....	A4217		
Trilogy Machinery Inc. ....	A4848		
US Industrial Machinery Co. ....	A4431		

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES -  
PAINT/POWDER**

Acme Finishing Co	.A6523
BTD Tool & Die	.C41919
BUWW Coverings Inc	.A3048
Cataforesis SA de CV	.A5919
Electrocoat Association, The	.A6418
Enhanced Powder Coating LLC	.A6569
MAXIAIR Systems	.A6536
MetoKote Corp	.A5945
Mode Kartela Boya Ltd Stl.	.A6520
NikoTrack LLC	.A6456
<b>OMCO</b>	<b>.A3890</b>
Staub Manufacturing Solutions	.C40703
Team Industries Inc.	.B18033

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES -  
PLATERS/ANODIZERS**

Chris Plating	.A5755
Enhanced Powder Coating LLC	.A6569
IHC Inc	.A6526
MAXIAIR Systems	.A6536
NN, Inc. Precision Engineered Products Group	.C41112
Paulo	.A5358
Precious Plate Inc	.A5176

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES -  
ASSEMBLING**

Allor Manufacturing Inc/ Plesh Industries	.A4489
ART Metals Group	.A5008
BTD Tool & Die	.C41919
Cannistraro Fabrication Services	.B12090
Cataforesis SA de CV	.A5919
Despres Tank	.C40908
Ekide	.C40921
Fox Valley Spring Co LLC	.C41720
Haitong Metals Manufacturer Ningbo China	.A3162
IHC Inc	.A6526
Ohio Laser LLC	.A3215
<b>OMCO</b>	<b>.A3890</b>
Res Manufacturing	.C41817
Staub Manufacturing Solutions	.C40703
Tenex Fabrication	.C40619
Trans-Matic	.A5119
Wisconsin Metal Parts Inc	.C40824

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES -  
BENDING & FORMING**

American Hydroformers	.B17100
BUWW Coverings Inc	.A3048
Cannistraro Fabrication Services	.B12090
Cataforesis SA de CV	.A5919
Despres Tank	.C40908
Enutron Industrial Corp	.A3045

**GE Mathis Co** .C41021

Haitong Metals Manufacturer Ningbo China .A3162

Ji'An RuiPengFei Precision Technology Co. Ltd .A3086

Minth .C40222

OMNI-X USA .B10054

Samson Roll Formed Products Co .C40816

Sharpe Products .B18094

Staub Manufacturing Solutions .C40703

Tenex Fabrication .C40619

Tools for Bending .B17087

Ultratech Tool & Design Inc .A5022

Wisconsin Metal Parts Inc .C40824

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES -  
HEAT TREATING**

Al-Fe Heat Treating Inc .C40118

Dubuque Stamping & Mfg Inc .C41922

F & B Manufacturing LLC .C40828

Paulo .A5358

Solar Atmospheres .A4938

Team Industries Inc .B18033

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES -  
HOT DIP GALVANIZING**

Chris Plating .A5755

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES -  
HYDROFORMING**

American Hydroformers .B17100

F & B Manufacturing LLC .C40828

FluidForming Americas .A5152

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES -  
INJECTION MOLDING**

Industrial Molded Rubber Products .A2933

Minth .C40222

Nantong Yutung Industrial Co Ltd .C40820

NN, Inc. Precision Engineered Products Group .C41112

Proto Labs Inc .B501

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES - LASER  
CUTTING**

Alabama Laser .B37025

Arrowhead Manufacturers & Fabricators Assoc .A3035

BTD Tool & Die .C41919

BUWW Coverings Inc .A3048

Despres Tank .C40908

Dongguan Wisdom Tool & Die Co Ltd .C41827

Econco/CPI .A2975

Enutron Industrial Corp .A3045

GE Mathis Co .C41021

Hafendorfer Machine Inc .A2942

Hedweld Group of Companies .C40844

Ohio Laser LLC .A3215

**OMCO** .A3890

Penn United Technologies Inc .A5239

Preco Inc .B28105

RDI Laser Blanking Systems .C40701

Spray Tech/Junair .A6473

Stanley Spring & Stamping Corp .C41818

Staub Manufacturing Solutions .C40703

Superior Joining Technologies Inc .B34071

Tenex Fabrication .C40619

Wisconsin Metal Parts Inc .C40824

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES - EDM  
DIE MANUFACTURING**

SB Whistler & Sons Inc .A1238

Xact Wire EDM Corp .C41636

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES -  
FLOW FORMING**

MJC Engineering & Technology Inc .A5356

Nantong Yutung Industrial Co Ltd .C40820

### JOB SHOP/CONTRACT MANUFACTURING SERVICES - LASER MARKING

Penn United Technologies Inc . . . . .	A5239
Superior Joining Technologies Inc . . . . .	B34071
Xact Wire EDM Corp . . . . .	C41636

### JOB SHOP/CONTRACT MANUFACTURING SERVICES - LASER PROCESSING

F & B Manufacturing LLC . . . . .	C40828
Preco Inc . . . . .	B28105

### JOB SHOP/CONTRACT MANUFACTURING SERVICES - LASER TUBE CUTTING

Alabama Laser . . . . .	B37025
BTD Tool & Die . . . . .	C41919
Hafendorfer Machine Inc. . . . .	A2942
Ohio Laser LLC . . . . .	A3215
Preco Inc . . . . .	B28105
Sharpe Products. . . . .	B18094

### JOB SHOP/CONTRACT MANUFACTURING SERVICES - LASER WELDING

Alabama Laser . . . . .	B37025
Econco/CPI . . . . .	A2975
Preco Inc . . . . .	B28105
Superior Joining Technologies Inc . . . . .	B34071

### JOB SHOP/CONTRACT MANUFACTURING SERVICES - MACHINING

Acutus Industrial Power Inc. . . . .	C41025
Allor Manufacturing Inc/Plesh Industries .	A4489
Angle-Rite® Clamping System . . . . .	B37070
Arrowhead Manufacturers & Fabricators Assoc . . . . .	A3035
BesTech Tool Corp . . . . .	A5038
Bowlin Manufacturing Inc . . . . .	A3012
BTD Tool & Die . . . . .	C41919
BUWW Coverings Inc . . . . .	A3048
Cleveland Steel Tool Co. . . . .	A3063
Dongguan Meinie Tool & Die Co Ltd .	C41823
Dubuque Stamping & Mfg Inc . . . . .	C41922
F & B Manufacturing LLC . . . . .	C40828
F&G Tool and Die Co . . . . .	A5141
Hafendorfer Machine Inc. . . . .	A2942
JD Norman . . . . .	C41633
Manchester Tool & Die Inc. . . . .	B10002
Master Roll Manufacturing . . . . .	C40710
Precision Punch Corp . . . . .	A5352
PROTEM USA LLC . . . . .	B13100
Proto Labs Inc. . . . .	B501
Southern Copper & Supply . . . . .	B17030
Superior Die Set Corp . . . . .	A5408
Tenex Fabrication . . . . .	C40619
Tri Tool Inc . . . . .	B33013

Victory Tool . . . . .	A5089
Wauseon Machine & Manufacturing Inc. . . . .	B15018
Wisconsin Metal Parts Inc. . . . .	C40824
Xact Wire EDM Corp . . . . .	C41636
Xometry . . . . .	B62

### JOB SHOP/CONTRACT MANUFACTURING SERVICES - METAL FINISHING

Angle-Rite® Clamping System . . . . .	B37070
IHC Inc . . . . .	A6526
MetoKote Corp . . . . .	A5945
Penn United Technologies Inc . . . . .	A5239
Precious Plate Inc. . . . .	A5176
SB Specialty Metals LLC . . . . .	C40715
Specialty Aerosols/Raabe/ Precision Color . . . . .	A6517

### JOB SHOP/CONTRACT MANUFACTURING SERVICES - PLASMA CUTTING

Angle-Rite® Clamping System . . . . .	B37070
GE Mathis Co . . . . .	C41021
OMCO . . . . .	A3890
Waterjet USA LLC . . . . .	A2886

### JOB SHOP/CONTRACT MANUFACTURING SERVICES - PUNCHING

BTD Tool & Die . . . . .	C41919
Cataforesis SA de CV . . . . .	A5919
GE Mathis Co . . . . .	C41021
Hafendorfer Machine Inc. . . . .	A2942
Haitong Metals Manufacturer Ningbo China . . . . .	A3162
Precision Punch Corp . . . . .	A5352
Samson Roll Formed Products Co. . . . .	C40816
Ultratech Tool & Design Inc . . . . .	A5022

### JOB SHOP/CONTRACT MANUFACTURING SERVICES - ROLL FORMING

Bradbury Group, The . . . . .	A4275
Custom Rollforming Corp . . . . .	A4275
Hayes International . . . . .	A4275
Jarvis Cutting Tools. . . . .	A5374
Minth . . . . .	C40222
OMCO . . . . .	A3890
Roller Die + Forming Co . . . . .	A5291
Samson Roll Formed Products Co. . . . .	C40816
Speed Metal Fabrication Inc . . . . .	C41734
SST Forming Roll Inc . . . . .	B12082
Welser Profile GmbH . . . . .	C41117

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**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES -  
STAMPING - DEEP DRAWING**

G.RAU GmbH & Co KG . . . . .	C40217
Gruber Tool & Die Inc . . . . .	A5462
Hong Kong Metals Manufacturers Association . . . . .	A5780
JD Norman . . . . .	C41633
Kovinoplastika Loz D.D. . . . .	A5671
Penn United Technologies Inc . . . . .	A5239
Trans-Matic . . . . .	A5119
Ultratech Tool & Design Inc . . . . .	A5022

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES -  
STAMPING - FINE BLANKING**

Associated Spring Raymond . . . . .	A5261
Fox Valley Spring Co LLC . . . . .	C41720
Hong Kong Metals Manufacturers Association . . . . .	A5780
Jackson Precision Industries . . . . .	C41241

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES -  
STAMPING - FOUR SLIDE**

Clips & Clamps Industries . . . . .	A4940
Gruber Tool & Die Inc . . . . .	A5462
JD Norman . . . . .	C41633
Stanley Spring & Stamping Corp . . . . .	C41818

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES -  
STAMPING - HIGH SPEED**

Eigen . . . . .	C41824
G.RAU GmbH & Co KG . . . . .	C40217
Hong Kong Metals Manufacturers Association . . . . .	A5780
Manitowoc Tool & Manufacturing LLC . . . . .	C41724
Penn United Technologies Inc . . . . .	A5239
Precious Plate Inc . . . . .	A5176
Trans-Matic . . . . .	A5119

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES -  
STAMPING - MULTI SLIDE**

Bihler of America Inc . . . . .	A5253
Clips & Clamps Industries . . . . .	A4940
F&G Tool and Die Co . . . . .	A5141
G.RAU GmbH & Co KG . . . . .	C40217
Gruber Tool & Die Inc . . . . .	A5462
JD Norman . . . . .	C41633

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES -  
STAMPING - PROGRESSIVE**

Anchor Manufacturing Group Inc . . . . .	A5289
ART Metals Group . . . . .	A5008
Atryz Korea Co Ltd . . . . .	C40918
BTD Tool & Die . . . . .	C41919
Cataforesis SA de CV . . . . .	A5919

Clips & Clamps Industries . . . . .	A4940
Dubuque Stamping & Mfg Inc . . . . .	C41922
EECCO Inc . . . . .	A5779
Eigen . . . . .	C41824
F&G Tool and Die Co . . . . .	A5141
G.RAU GmbH & Co KG . . . . .	C40217
Gruber Tool & Die Inc . . . . .	A5462
Hong Kong Metals Manufacturers Association . . . . .	A5780
Jackson Precision Industries . . . . .	C41241
JD Norman . . . . .	C41633
Manitowoc Tool & Manufacturing LLC . . . . .	C41724
NN, Inc. Precision Engineered Products Group . . . . .	C41112
Penn United Technologies Inc . . . . .	A5239
Precious Plate Inc . . . . .	A5176
Premier Tooling & Manufacturing Inc . . . . .	C41722
Res Manufacturing . . . . .	C41817
Samson Roll Formed Products Co . . . . .	C40816
SB Whistler & Sons Inc . . . . .	A1238
Speed Metal Fabrication Inc . . . . .	C41734
Stanley Spring & Stamping Corp . . . . .	C41818
Stripmatic Products Inc. . . . .	A5005
Trans-Matic . . . . .	A5119
Ultratech Tool & Design Inc . . . . .	A5022

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES -  
T/P BENDING & FORMING**

American Hydroformers . . . . .	B17100
Angle-Rite® Clamping System . . . . .	B37070
BTD Tool & Die . . . . .	C41919
Cannistraro Fabrication Services . . . . .	B12090
Sharpe Products . . . . .	B18094
Speed Metal Fabrication Inc . . . . .	C41734
Stripmatic Products Inc. . . . .	A5005
Tube Form Solutions . . . . .	B11034

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES - T/P  
END FORMING/SIZING**

Sharpe Products . . . . .	B18094
Stripmatic Products Inc. . . . .	A5005

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES - TOOL  
SURFACE TREATMENT**

Pollution Control Products Co. . . . .	A5743
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**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES -  
WATERJET CUTTING**

Arrowhead Manufacturers & Fabricators Assoc . . . . .	A3035
BesTech Tool Corp . . . . .	A5038
Jet Edge . . . . .	A4201
Lyon Industries . . . . .	A3271
Penn United Technologies Inc . . . . .	A5239
Superior Die Set Corp . . . . .	A5408
Tenex Fabrication . . . . .	C40619

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES -  
WELDING - ELECTRON BEAM  
WELDING PROCESS**

FOCUS GmbH . . . . .	B20083
PTR-Precision Technologies Inc. . . . .	B19061

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES -  
WELDING - LASER WELDING**

Lasernet Inc. . . . .	B33101
OR Lasertechnology Inc . . . . .	B106, B35037
Preco Inc . . . . .	B28105
PTR-Precision Technologies Inc. . . . .	B19061

**JOB SHOP/CONTRACT  
MANUFACTURING SERVICES -  
WELDING - MIG WELDING**

Allor Manufacturing Inc/ Plesh Industries . . . . .	A4489
Arrowhead Manufacturers & Fabricators Assoc . . . . .	A3035
Bowlin Manufacturing Inc . . . . .	A3012
BTD Tool & Die . . . . .	C41919
Despres Tank . . . . .	C40908

GE Mathis Co ..... C41021  
 Ohio Laser LLC ..... A3215  
**OMCO** ..... **A3890**  
 Res Manufacturing ..... C41817  
 Wisconsin Metal Parts Inc. .... C40824  
 Wisconsin Wire Works Inc. .... B26107

#### JOB SHOP/CONTRACT MANUFACTURING SERVICES - WELDING - ORBITAL WELDING

**JD Norman** ..... **C41633**  
 Stripmatic Products Inc. .... A5005

#### JOB SHOP/CONTRACT MANUFACTURING SERVICES - WELDING - RESISTANCE WELDING

Anchor Manufacturing Group Inc. .... A5289  
**JD Norman** ..... **C41633**  
 Res Manufacturing ..... C41817  
 Speed Metal Fabrication Inc. .... C41734

#### JOB SHOP/CONTRACT MANUFACTURING SERVICES - WELDING - ROBOTIC WELDING

Anchor Manufacturing Group Inc. .... A5289  
 BTD Tool & Die ..... C41919  
 Haitong Metals Manufacturer  
Ningbo China ..... A3162

Hedweld Group of Companies ..... C40844  
 Ohio Laser LLC ..... A3215  
**OMCO** ..... **A3890**  
 Res Manufacturing ..... C41817

#### JOB SHOP/CONTRACT MANUFACTURING SERVICES - WELDING - SEAM/SPOT WELDING

OR Lasertechnology Inc. .... B106  
 Superior Joining Technologies Inc. .... B34071

#### JOB SHOP/CONTRACT MANUFACTURING SERVICES - WELDING/BRAZING

American Friction Welding. .... C41410  
**Angle-Rite® Clamping System** ..... **B37070**  
 F & B Manufacturing LLC ..... C40828  
 Paulo ..... A5358  
 Solar Atmospheres ..... A4938  
 Wisconsin Wire Works Inc. .... B26107

#### JOB SHOP/CONTRACT MANUFACTURING SERVICES - WIRE FORMING

Fox Valley Spring Co LLC. .... C41720  
**JD Norman** ..... **C41633**  
**Mighty Hook Inc** ..... **A6531**  
 Speed Metal Fabrication Inc. .... C41734

#### KNIVES & BLADES

American Cutting Edge ..... A3289  
 Anhui Huatian Mechanic Co Ltd ..... C40833  
 ARNTZ Inc. ..... A1209  
 ASKO Inc ..... A2923  
 Burghardt + Schmidt Group ..... **A4287**  
 Butech Bliss ..... **A3263**  
 Cincinnati Inc ..... **A4014**  
 Cleveland Steel Tool Co. .... A3063  
 Cowles Tool Co ..... A2810  
 DeeTee Industries Ltd. .... B15097  
 DEWALT – Power Tools & Abrasives ..... B29084  
 Diamond Saw Works Inc. .... A3093  
 Disston Tools ..... A3196  
 Duck Myung Co. Ltd. .... B15092  
 Eberle America Inc. .... A3159  
**eifeler Coatings Technology** ..... **A5467**  
 Enutron Industrial Corp. .... A3045  
 Fascat Industries ..... A3226  
 Gem Tool Corporation ..... B10052  
**Haas Saw & Supply** ..... **A4212**  
 IHI Ionbond Inc ..... C41717  
 Kinkelder USA. .... B10034  
 Klingenhofer Corp ..... A2859  
 LENOX® ..... A3080  
 MetalMizer ..... A5189

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## KNIVES & BLADES

Motoyuki Co. Ltd.	C41409
Nantong Yutung Industrial Co Ltd	C40820
Penn United Technologies Inc	A5239
Precision Saws Inc	C40741
Simonds Saw	A2987
Tenryu America Inc	B10004
The M.K. Morse Company	A4284
Tru-Cut Saw Inc	B10028

## LACQUERS

Cardinal Paint and Powder	A5950
Environmental Coatings Inc	A6478
Northern Coatings & Chemical	A6338
Sculpt Nouveau	A5979

## LASER CLADDING

Alabama Laser	B37025
Coherent Inc.	C40516
Convergent Photonics	A4292
Laserline Inc.	B32084
Lincoln Electric Co	A1851
Maxphotonics Co Ltd	C40638
Mundt & Associates Inc.	C40838
Preco Inc	B28105
Purex Inc	C40941
SPI Lasers	A3286

## LASER CUTTING MACHINES - CO2

Amada America Inc.	A1802
American Photonics	A4391
Baykal Makine A.S.	A2655
BLM GROUP USA Corp	B11010
Bystronic Inc.	A1819
Cincinnati Inc	A4014, B70
Coherent Inc.	C40516
Convergent Photonics	A4292
Coveted Financial Services LLC	C40839
Dynatorch Inc.	B15066
Econco/CPI	A2975
II-VI Infrared	A4114
Innovative Tube Equipment Corp	B11029
Jenoptik Automotive North America LLC	A1039
Kern Laser Systems	A4280
Komatsu America Industries LLC	A1214
Laguna Tools	C40902
Laser Marking Technologies LLC	B12089, B37035
Laser Mechanisms Inc	B18057
Laser Research Optics	A4216
Lumentum	A1006
LVD Strippit	A2631
Machitech Inc.	B27013
Matsumoto US Technologies Inc	B25087
Maxphotonics Co Ltd	C40638
Mazak Optonics Corp	A4001
MC Machinery Systems Inc	A2619
Messer Cutting Systems	A4860
Mestek Machinery Inc.	A2904
Modern Manufacturing Technologies Intl	A2867
Murata Machinery USA Inc	A4240
MVD Makina Sanayi A.S.	A1873
Nukon Lazer Makina Metal Sanayi Ve Ticaret AS	A2689
Orion Machinery Co Ltd	C40228
Parker Hannifin	A3010
Power Solutions Pro	A3097

Purex Inc	C40941
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Senfeng CNC & Laser Technology USA Inc.	C40521
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Shanghai Hugong Electric Group Co Ltd	B27094
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ShopData Systems Inc	A1142
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Slatpro LLC	A4389
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Striker Systems	A3267
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VyTek	A4479
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Zund America Inc	A3013
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## LASER CUTTING MACHINES - SOLID STATE

3D Fab Light	B10070
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Ajan Elektronik Servis Sanayi Ve Ticaret Ltd St	A2674
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Amada America Inc.	A1802
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American Photonics	A4391
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Boschert Precision Machinery Inc.	A2267
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Bystronic Inc.	A1819
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Cincinnati Inc	A4014, B70
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Coherent Inc.	C40516
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Cy Laser America	A2680
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Dimeco Coil Technologies Inc	A3591
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Dynatorch Inc.	B15066
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Hans Laser Technology Industry Group Co Ltd	A4878
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Horn Machine Tools Inc.	B11020
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Innovative Tube Equipment Corp	B11029
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Jenoptik Automotive North America LLC	A1039
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Jordi Universal VSL	A1467
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KNUTH Machine Tools USA Inc	A2874
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Komatsu America Industries LLC	A1214
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Laguna Tools	C40902
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Laser Mechanisms Inc	B18057
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Laser Research Optics	A4216
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LaserStar Technologies Corp	A3007
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Lumentum	A1006
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LVD Strippit	A2631
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Machitech Inc.	B27013
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Matsumoto US Technologies Inc	B25087
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Maxphotonics Co Ltd	C40638
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Mazak Optonics Corp	A4001
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MC Machinery Systems Inc	A2619
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Messer Cutting Systems	A4860
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Mestek Machinery Inc.	A2904
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Modern Manufacturing Technologies Intl	A2867
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Murata Machinery USA Inc	A4240
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MVD Makina Sanayi A.S.	A1873
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Nukon Lazer Makina Metal Sanayi Ve Ticaret AS	A2689
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Orion Machinery Co Ltd	C40228
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Power Solutions Pro	A3097
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Prima Power North America Inc.	A2642
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RDI Laser Blanking Systems	C40701
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Rhino Cutting Systems	C40530
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ShopData Systems Inc	A1142
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Soitaab USA Inc	A2879
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TRUMPF Inc	A2601, B103, B11013
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United Lens Co	A3043
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VyTek	A4479
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Weil Engineering North America	A3072
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## LASER CUTTING OPTICS & ACCESSORIES

Abicor Binzel	B19045
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Alternative Parts Inc	A1022
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Amada America Inc.	A1802
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Hypertherm Inc.	A3525, A3531, B17013
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II-VI Infrared	A4114
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Kentek Corp Laser Safety Div	A3295
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Laser Mechanisms Inc	B18057
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Laser Research Optics	A4216
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Mate Precision Tooling	A1231
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Mazak Optonics Corp	A4001
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MC Machinery Systems Inc	A2619
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MultiCam Inc	A2841
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Ophir Spiricon LLC	C40912
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OSAI USA	A4292
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Power Solutions Pro	A3097
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Richardson Electronics Ltd	A3041
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Senfeng CNC & Laser Technology USA Inc.	C40521
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Thermacut Inc	B19045
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Tower Metalworking Fluids	A5435
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United Lens Co	A3043
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LASERS - FIBER LASER CUTTING MACHINES	
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ShopData Systems Inc	A1142
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## LASERS - LASER SURFACE ABLATION/COATING REMOVAL

Abicor Binzel	B19045
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ANDRITZ Soutec AG	B24083
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Blackbird Robotics Inc	B26067
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BOFA Americas Inc	A3894
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Cajo Technologies	C40739
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Gravotech Inc	A3141
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Hans Laser Technology Industry Group Co Ltd	A4878
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Laser Marking Technologies LLC	B12089, B37035
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Laserline Inc	B32084
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LaserStar Technologies Corp	A3007
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Lincoln Electric Co	A1851
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Maxphotonics Co Ltd	C40638
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MECCO	A2934
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nLIGHT Inc	A1025
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SPI Lasers	A3286
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TYKMA Electrox	C40712
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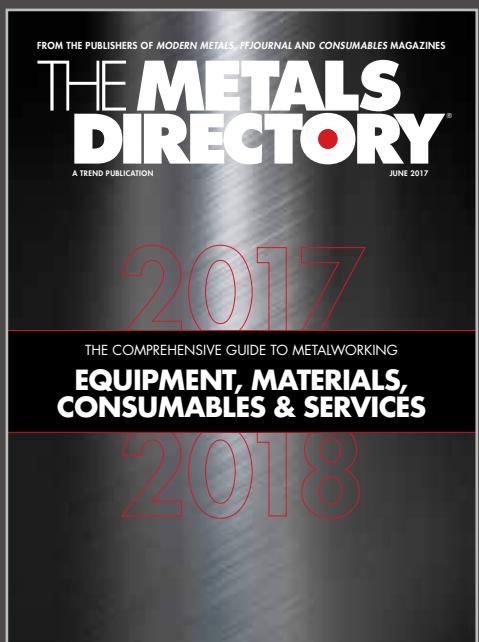
United Lens Co	A3043
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BOFA Americas Inc . . . . .	A3894
Jenoptik Automotive North America LLC . . . . .	A1039
nLIGHT Inc . . . . .	A1025

## **LASERS - REMOTE WELDING, CO<sub>2</sub>**

American Photonics . . . . .	A4391
Lasermet Inc. . . . .	B33101
Lumentum . . . . .	A1006
OSAI USA . . . . .	A4292
Purex Inc . . . . .	C40941
Virtek Vision International . . . . .	A4474

## **LASERS - REMOTE WELDING, SOLID STATE**

Abicor Binzel . . . . .	B19045
Blackbird Robotics Inc . . . . .	B26067
Jenoptik Automotive North America LLC . . . . .	A1039
Jinan Xintian Technology Co Ltd . . . . .	B30105
Laserline Inc. . . . .	B32084
LaserStar Technologies Corp. . . . .	A3007
Lumentum . . . . .	A1006
Matsumoto US Technologies Inc . . . . .	B25087
nLIGHT Inc . . . . .	A1025
OSAI USA . . . . .	A4292
Preco Inc . . . . .	B28105
United Lens Co . . . . .	A3043

## **LASERS - TUBE & PROFILE WELDING**

ANDRITZ Soutec AG . . . . .	B24083
Blackbird Robotics Inc . . . . .	B26067
Coherent Inc. . . . .	C40516
Hedweld Group of Companies . . . . .	C40844
Horn Machine Tools Inc. . . . .	B11020
LaserStar Technologies Corp. . . . .	A3007
Liburdi Automation Inc . . . . .	B37013
Lincoln Electric Co . . . . .	A1851
Mundt & Associates Inc. . . . .	C40838
Senfeng CNC & Laser Technology USA Inc. . . . .	C40521
SPI Lasers . . . . .	A3286
TRUMPF Inc . . . . .	A2601, B103, B11013
United Lens Co . . . . .	A3043
Weil Engineering North America . . . . .	A3072

## **LEAN MANUFACTURING**

American Friction Welding. . . . .	C41410
Bosch Rexroth Corp . . . . .	A2807
Box On Demand . . . . .	A4080
GH Induction Atmospheres LLC . . . . .	B17088
IntelliFinishing . . . . .	A6152
JETCAM-NestONE Solutions . . . . .	A3205
Ji' An RuiPengFei Precision Technology Co. Ltd . . . . .	A3086
QuickLabel Systems . . . . .	A5844
The Aquila Group Inc. . . . .	A3205
Tower Metalworking Fluids . . . . .	A5435

## T-Sim Solutions . . . . . A5425

Versatility Professional Tool Storage . . . . .	A5067
VKS - Visual Knowledge Share . . . . .	A5689

## **LEVELING EQUIPMENT - MACHINERY INSTALLATION**

Allor Manufacturing Inc/Plesh Industries . . . . .	A4489
ARKU Coil Systems Inc . . . . .	A2862

## **LEVELING EQUIPMENT - PLATE LEVELER**

Allor Manufacturing Inc/ Plesh Industries . . . . .	A4489
ANDRITZ Herr-Voss Stamco Inc. . . . .	A3114
ARKU Coil Systems Inc . . . . .	A2862
Athader . . . . .	A4275
Bradbury Co Inc . . . . .	A4275
Bradbury Group, The . . . . .	A4275
Burghardt + Schmidt Group . . . . .	A4287
Butech Bliss . . . . .	A3263
Master Roll Manufacturing . . . . .	C40710

## **LEVELING EQUIPMENT - SHEET METAL**

Allor Manufacturing Inc/ Plesh Industries . . . . .	A4489
ANDRITZ Herr-Voss Stamco Inc. . . . .	A3114
ARKU Coil Systems Inc . . . . .	A2862
Athader . . . . .	A4275
Bradbury Co Inc . . . . .	A4275
Bradbury Group, The . . . . .	A4275
Burghardt + Schmidt Group . . . . .	A4287
Butech Bliss . . . . .	A3263
Chicago Slitter . . . . .	C40701
Gauer Metal Products Inc . . . . .	C40333
Master Roll Manufacturing . . . . .	C40710
Pivatic . . . . .	A3280
SES Salico Finishing and Processing LLC . . . . .	C41128
Stamtec Inc . . . . .	A5431

## **LIFT TRUCKS**

CH Steel Solutions Inc. . . . .	C40017
Combilift USA . . . . .	A4407, B15010
Design Storage & Handling Inc . . . . .	A1251
Presto Lifts Inc . . . . .	C40841

## **LIGHT CURTAINS**

Dynatect Manufacturing Inc . . . . .	A3209
Fab Supply Inc . . . . .	A2936
Fissler Elektronik GmbH & Co . . . . .	A2988
Global Finishing Solutions . . . . .	A6248
Helm Instrument Co Inc . . . . .	A5106
ISB . . . . .	A3269
Link Electric & Safety Control . . . . .	A5203
Press Brake Safety . . . . .	A2988
Rite Hite Machine Guarding . . . . .	B31064
Rockford Systems LLC . . . . .	A5386
Steiner Industries . . . . .	B33046
Voortman Corporation . . . . .	A1861
Wintriss Controls Group LLC . . . . .	A5437

## **LINING SERVICES FOR TANKS & EQUIPMENT - FINISHING**

Almco Inc . . . . .	A5619
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## **LOOP CONTROLS**

Delta Computer Systems Inc . . . . .	A4923
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## **LUBRICANTS**

Abicor Binzel . . . . .	B19045
Atlanta Drive Systems Inc . . . . .	B36059
Chemetal US Inc . . . . .	A6467
Cleveland Punch & Die Co. . . . .	A2948
DuBois Chemicals Inc . . . . .	A5812
Eberle America Inc . . . . .	A3159
Fluoramics Inc . . . . .	C41601
Formdrill USA Inc . . . . .	A3208
Fuchs Lubricants Co . . . . .	A5257
Global Metal Spinning Solutions Inc - DENN USA Metal Forming . . . . .	A5667
International Chemical Co . . . . .	A5617
LENOX® . . . . .	A3080
LSP Industries Inc . . . . .	A5263
Metalloid Corp . . . . .	A5084, B10023
Quaker Chemical Corporation . . . . .	A5740
Raziol Zibulla & Sohn GmbH . . . . .	A5469
Tower Metalworking Fluids . . . . .	A5435
Unist Inc . . . . .	A5014

## **LUBRICATION EQUIPMENT**

Atlanta Drive Systems Inc . . . . .	B36059
Bex Spray Nozzles . . . . .	A6559
DieTronic/Kent Corp . . . . .	A4988
Filtermedia SRL . . . . .	A6558
Formdrill USA Inc . . . . .	A3208
Industrial Innovations Inc . . . . .	A5020
LENOX® . . . . .	A3080
LSP Industries Inc . . . . .	A5263
Metalloid Corp . . . . .	A5084, B10023
P&G Fluid Power Inc JET-SET . . . . .	A5073
Pax Products Inc . . . . .	A5220
Precision Saws Inc . . . . .	C40741
Raziol Zibulla & Sohn GmbH . . . . .	A5469
SMC Corporation of America . . . . .	B17108
Spraying Systems Co . . . . .	A5841
Tower Metalworking Fluids . . . . .	A5435
Unist Inc . . . . .	A5014

## **MACHINE CONTROL HARDWARE & COMPONENTS**

5 Star Engineering and Maintenance . . . . .	B10065
AMS Controls Inc . . . . .	C41040
Beck Automation . . . . .	A4275
Beckhoff Automation . . . . .	A4884
Bihler of America Inc. . . . .	A5253
Bosch Rexroth Corp . . . . .	A2807
Current Tech . . . . .	B10007
Dynatorch Inc . . . . .	B15066
Hypertherm Inc. . . . .	A3525, A3531, B17013
Lasermet Inc. . . . .	B33101

Link Electric & Safety Control . . . . .	A5203
Morton Machine Works . . . . .	C40722
NSK Americas . . . . .	C40706
NUM CNC and Automation Solutions . . . . .	A3794
OSAI USA . . . . .	A4292
Rockford Systems LLC . . . . .	A5386
TigerStop LLC . . . . .	C40936
Toledo Integrated Systems . . . . .	A5138
Wintress Controls Group LLC . . . . .	A5437

**MACHINE CONTROL SOFTWARE**

AMS Controls Inc . . . . .	C41040
Beck Automation . . . . .	A4275
Beckhoff Automation . . . . .	A4884
Bosch Rexroth Corp . . . . .	A2807
Current Tech . . . . .	B10007
Delta Computer Systems Inc . . . . .	A4923
FlashCut CNC . . . . .	A2823
Haas Automation Inc . . . . .	C41703
Hypertherm CAM . . . . .	A3231
Hypertherm Inc . . . . .	A3525, A3531, B17013
Lillbacka USA . . . . .	B15013
MachineMetrics . . . . .	A5040
Murata Machinery USA Inc . . . . .	A4240
The Aquila Group Inc . . . . .	A3205
TigerStop LLC . . . . .	C40936
Universal Tube & Rollform Equipment Corp . . . . .	B10057
Voortman Corporation . . . . .	A1861

**MACHINE MONITORS**

Link Electric & Safety Control . . . . .	A5203
MachineMetrics . . . . .	A5040
The Aquila Group Inc . . . . .	A3205
Wintress Controls Group LLC . . . . .	A5437

**MACHINE REBUILDING/RECONDITIONING SERVICES**

Advanced Machine & Engineering . . . . .	A3792
Alliance Machine and Engraving LLC . . . . .	A4275
Automated Machinery Inc (AMI) . . . . .	A1241
Blast Cleaning Technologies . . . . .	A6427
Brown Boggs Machine Co . . . . .	A5009
Butech Bliss . . . . .	A3263
COE Press Equipment Corporation . . . . .	A5412, A5621
Enprotech Industrial Technologies . . . . .	A5267
Fontijne Grotnes North America . . . . .	A4979
Hydraulico as . . . . .	A5669
Lee Contracting Inc . . . . .	A5648
Leifeld Metal Spinning AG . . . . .	A5280
MJC Engineering & Technology Inc . . . . .	A5356
Plasti-Contenedores S DE RL MI . . . . .	C40916
Schleifstein Maschinentechnik GmbH . . . . .	A5422
Taylor-Winfield Technologies Inc . . . . .	B32042
United Machine Corp . . . . .	A5087
Universal Tube & Rollform Equipment Corp . . . . .	B10057
Wheelabrator (Norican Group) . . . . .	A3027
York Portable Machine Tools . . . . .	B25068

**MACHINE TOOL PROTECTION**

Dynatect Manufacturing Inc . . . . .	A3209
Fiessler Elektronik GmbH & Co . . . . .	A2988
Rockford Systems LLC . . . . .	A5386

**MACHINERY INSTALLATION/ALIGNMENT SERVICES**

COE Press Equipment Corporation . . . . .	A5621
Fromm Packaging Systems . . . . .	B12087
Lee Contracting Inc . . . . .	A5648
Schelling America Inc . . . . .	C40742
United Machine Corp . . . . .	A5087

**MAGNETS & MAGNETIC EQUIPMENT**

Alfra USA LLC . . . . .	C40907
BESSEY Tools North America . . . . .	B33029
Bunting Magnetics Co . . . . .	A5633
EAS Mold & Die Change Systems Inc . .	A5251
ERIEZ . . . . .	A3227
Euroboor USA . . . . .	B13087
Hilma Div Carr Lane Roemheld . . . . .	A5319
Industrial Magnetics Inc . . . . .	A3067
Magswitch Technology Inc . . . . .	B33041
Master Magnetics . . . . .	A3188
MPI Magnetic Products Inc . . . . .	A4941
Permadur Industries Inc . . . . .	A3107
Puritan Magnetics . . . . .	A5079
Slatpro LLC . . . . .	A4389
Soph Inc . . . . .	B29108
Strong Hand Tools . . . . .	B35010
Tecnomagnete Inc . . . . .	C41716
Universal Drilling & Cutting Equipment . . . . .	B18090
Walker Magnetics . . . . .	A4421

**MAINTENANCE EQUIPMENT/PRODUCTS**

5 Star Engineering and Maintenance . . .	B10065
Allstate Saws & Machining LLC . . . . .	C41119
Alternative Parts Inc . . . . .	A1022
Atlanta Drive Systems Inc . . . . .	B36059
AVS Industries LLC . . . . .	B36061
Bore Repair Systems Inc . . . . .	C41501
Brown Boggs Machine Co . . . . .	A5009
BUWW Coverings Inc . . . . .	A3048
Cold Jet . . . . .	B37064
Darex LLC . . . . .	C40525
Disston Tools . . . . .	A3196
Dynatect Manufacturing Inc . . . . .	A3209
E. H. Wachs . . . . .	B17037
Electra USA, Inc . . . . .	C41634
Factory Cat . . . . .	A4419
FIT RITE Systems LLC . . . . .	B10029
Fluoramics Inc . . . . .	C41601
Frost Inc . . . . .	A6181
GERB Vibration Control Systems . . . . .	A4972
HafcoVac . . . . .	A5750
Hougen Manufacturing Inc . . . . .	A4314
LaserStar Technologies Corp . . . . .	A3007

Lyon Industries . . . . .	A3271
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Master Roll Manufacturing . . . . .	C40710
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Micro-Surface Finishing Products . . . . .	A6424
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Nadella Inc . . . . .	C41107
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Nederman LLC . . . . .	B17049
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NorthStar Products . . . . .	A6580
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Osborn . . . . .	A6574
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Pollution Control Products Co. . . . .	A5743
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Power Solutions Pro . . . . .	A3097
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Press Brake Repair . . . . .	C40707
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PROTEM USA LLC . . . . .	B13100
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Richardson Electronics Ltd . . . . .	A3041
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Ruwac . . . . .	A6515
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Service Lamp Corp . . . . .	A4214
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Strong Hold Products . . . . .	A3143
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Supra Machine Tool . . . . .	A3293
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TIGER-VAC USA INC . . . . .	B32103
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Tower Metalworking Fluids . . . . .	A5435
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Tri Tool Inc . . . . .	B33013
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Tri-Chem Corp . . . . .	C40704
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**MANUFACTURING REPRESENTATIVE**

Alliance For American Manufacturing . .	A3189
American Manufacturing Inc . . . . .	A5070
Fromm Packaging Systems . . . . .	B12087
MAXIAIR Systems . . . . .	A6536
Nucor Buildings Group . . . . .	A3175
Raziol Zibulla & Sohn GmbH . . . . .	A5469
Welder Training & Testing Institute . .	C41533

**MARKING EQUIPMENT - BAR CODING SYSTEMS & SUPPLIES**

EHRT North America . . . . .	A2835
InfoSight Corp . . . . .	A3135
Laser Marking Technologies LLC . . . . .	B12089, B37035
MB Metal Technologies LLC . . . . .	A3237
MECCO . . . . .	A2934
Pannier Corp . . . . .	A3224
REA JET US . . . . .	B13079
TYKMA Electrox . . . . .	C40712

**MARKING EQUIPMENT - INDENTING/EMBOSSING/ETCHING**

Alliance Machine and Engraving LLC . .	A4275
Amada America Inc . . . . .	A1802
Cajo Technologies . . . . .	C40739
Ensitech Inc . . . . .	B33069
Gravotech Inc . . . . .	A3141
InfoSight Corp . . . . .	A3135
Laser Marking Technologies LLC . . . . .	B12089, B37035
MB Metal Technologies LLC . . . . .	A3237
MECCO . . . . .	A2934
Nutron Nameplate Inc . . . . .	A3156
Pannier Corp . . . . .	A3224
Rocklin Manufacturing Co . . . . .	A2938
TYKMA Electrox . . . . .	C40712
Voortman Corporation . . . . .	A1861
VyTek . . . . .	A4479

**MARKING EQUIPMENT - INKJET/  
PAINT JET/MARKERS**

Arro-Mark Co LLC . . . . .	A3290
Beck Automation . . . . .	A4275
InfoSight Corp . . . . .	A3135
Keyence Corp of America . . . . .	A3139
LA-CO Industries Inc . . . . .	B25064
MB Metal Technologies LLC . . . . .	A3237
Messer Cutting Systems . . . . .	A4860
Pannier Corp . . . . .	A3224
RE A JET US . . . . .	B13079
Sakura of America . . . . .	B37054
Spraying Systems Co . . . . .	A5841
U-Mark Inc . . . . .	B37047
Zund America Inc . . . . .	A3013

**MARKING EQUIPMENT -  
LASER SYSTEMS**

3D Fab Light . . . . .	B10070
Amada America Inc . . . . .	A1802
BOFA Americas Inc . . . . .	A3894
Cajo Technologies . . . . .	C40739
Gravotech Inc . . . . .	A3141
Hans Laser Technology Industry Group Co Ltd . . . . .	A4878
II-VI Infrared . . . . .	A4114
InfoSight Corp . . . . .	A3135
Jinan Bodor CNC Machine Co Ltd . . . . .	C40130
Keyence Corp of America . . . . .	A3139
Laser Marking Technologies LLC . . . . .	B12089, B37035
LaserStar Technologies Corp . . . . .	A3007
Lincoln Electric Co . . . . .	A1851
MB Metal Technologies LLC . . . . .	A3237
MECCO . . . . .	A2934
OR Lasertechnology Inc . . . . .	B106, B35037
Pannier Corp . . . . .	A3224
Purex Inc . . . . .	C40941
RE A JET US . . . . .	B13079
Rocklin Manufacturing Co . . . . .	A2938
Seit Elettronica . . . . .	C41412
TRUMPF Inc . . . . .	A2601, B103, B11013
TYKMA Electrox . . . . .	C40712
VyTek . . . . .	A4479

**MARKING EQUIPMENT -  
SIGNS/NAMEPLATES/LABELS**

Cajo Technologies . . . . .	C40739
Gravotech Inc . . . . .	A3141
Gripnail Corporation . . . . .	C41604
InfoSight Corp . . . . .	A3135
MB Metal Technologies LLC . . . . .	A3237
Nutron Nameplate Inc . . . . .	A3156
Pannier Corp . . . . .	A3224
TYKMA Electrox . . . . .	C40712
VyTek . . . . .	A4479

**MARKING EQUIPMENT - THERMAL/  
THERMAL TRANSFER**

MECCO . . . . .	A2934
Messer Cutting Systems . . . . .	A4860
Peddinghaus Corp . . . . .	A1845

**MASKING/SHIELDING SUPPLIES**

Argon Masking Corp . . . . .	A6541
Capplugs . . . . .	A5745
Custom Fabricating & Supplies . . . . .	A6233
Echo Engineering . . . . .	A5819
EPSI (Engineered Products & Services Inc) . . . . .	A6410
Mighty Hook Inc . . . . .	A6531
Polymer Molding Inc . . . . .	A6279
Techflex Inc . . . . .	A3193

**MASS FINISHING EQUIPMENT  
& MEDIA**

Almco Inc . . . . .	A5619
Clemco Industries Corp . . . . .	A6463
Wheelabrator (Norican Group) . . . . .	A3027

**MATERIAL FEEDING EQUIPMENT**

Accra-Wire Controls Inc . . . . .	A4914
Atlas Technologies . . . . .	A5460
Behringer Saws Inc . . . . .	A4206
Blue Water Engineering Pty Ltd . . . . .	A3294
Doucet Machineries Inc . . . . .	A3150
ERIEZ . . . . .	A3227
Fehr Warehouse Solutions Inc . . . . .	A5877
HEM Inc . . . . .	A4425
Hyd-Mech Group Ltd . . . . .	A4801
Imperial Systems Inc . . . . .	B15061
Marvel Manufacturing Co . . . . .	A2850
MPI Magnetic Products Inc . . . . .	A4941
Permadur Industries Inc . . . . .	A3107
Piab Inc . . . . .	C41730
Prima Power North America Inc . . . . .	A2642
Schelling America Inc . . . . .	C40742
Vidir Machine Inc . . . . .	A5614

**METAL CORED WIRES**

Changzhou Zhengyang Welding Material Co Ltd . . . . .	B29100
COR-MET INC . . . . .	B37058
ESAB Welding & Cutting Products . . . . .	B17074
Hobart Brothers . . . . .	B23034
Kalas Wire Inc . . . . .	B32064
Lincoln Electric Co . . . . .	B19021
National Standard . . . . .	B31049
Polymet Corp . . . . .	B32070
Three D Metals/Williams Metals and Welding Alloys . . . . .	A3051
Tianjin Jinlong Welding Material Co Ltd . . . . .	B27096
voestalpine Bohler Welding USA Inc . . . . .	B27055

**METAL SERVICE CENTERS**

Gauer Metal Products Inc . . . . .	C40333
Latrobe Specialty Metals Distribution . . . . .	A5380
Nucor Buildings Group . . . . .	A3175
Sugar Steel Corp . . . . .	A3033
Yarde Metals Inc . . . . .	C40835

**METAL SHAPES SUPPLIED - ANGLES**

Nantong Yutung Industrial Co Ltd . . . . .	C40820
Panjin Tiangong Precision Casting Co Ltd . . . . .	C41223
Roller Die + Forming Co . . . . .	A5291
Ryerson . . . . .	C41130
Sugar Steel Corp . . . . .	A3033

**METAL SHAPES SUPPLIED -  
BARS & RODS**

DSS America Inc . . . . .	C40736
Erickson Metals Corp . . . . .	A5039
Gauer Metal Products Inc . . . . .	C40333
Nantong Yutung Industrial Co Ltd . . . . .	C40820
NBM Metals . . . . .	C41110
NGK Metals Corp . . . . .	A5056
Ryerson . . . . .	C41130
Sugar Steel Corp . . . . .	A3033
Taiwan Linkigi Metal Co Ltd . . . . .	C41929
Tremefil Izaguirre SA . . . . .	B16097
United Wire Co Inc . . . . .	A5786
Wieland Metals Inc . . . . .	A5458
Winner Tungsten Products Co Ltd . . . . .	B20108
Yarde Metals Inc . . . . .	C40835
Zapp Precision Strip . . . . .	A5454

**METAL SHAPES SUPPLIED -  
BEAMS & CHANNELS**

Nantong Yutung Industrial Co Ltd . . . . .	C40820
Roller Die + Forming Co . . . . .	A5291
Stainless Structural LLC . . . . .	C41134
Sugar Steel Corp . . . . .	A3033

**METALS SUPPLIED - ADVANCED  
HIGH STRENGTH STEELS**

United Performance Metals . . . . .	C41738
Zapp Precision Strip . . . . .	A5454

**METALS SUPPLIED - ALUMINUM/  
ALUMINUM ALLOYS**

Almetals Company . . . . .	A4939
Alro Steel & Plastics . . . . .	A4920
Drahtwerk Elisental GmbH & Co . . . . .	C41524
Erickson Metals Corp . . . . .	A5039
Metal Supermarkets Service Company Inc . . . . .	A4954
Nantong Yutung Industrial Co Ltd . . . . .	C40820
Panjin Tiangong Precision Casting Co Ltd . . . . .	C41223
Phoenix Metals Co . . . . .	A3021
REA Magnet Wire . . . . .	C40116
Rolled Metal Products . . . . .	A5354

Ryerson .....	C41130
United Aluminum Corp .....	A5249
United Performance Metals.....	<b>C41738</b>
United Wire Co Inc .....	<b>A5786</b>
Winnox Industries Ltd .....	B30091
Yarde Metals Inc .....	C40835

#### METALS SUPPLIED - BRASS/ BRASS ALLOYS

ABC Metals Inc .....	A5219
Almetals Company .....	A4939
Alro Steel & Plastics .....	A4920
Chris Plating .....	A5755
E Jordan Brookes Co. ....	C41041
Eagle Metals.....	A5188
Heyco Metals Inc .....	A5278
Jiashan PVB Sliding Bearing Co. Ltd....	A5287
Nantong Yutung Industrial Co Ltd .....	C40820
NBM Metals .....	C41110
Newland (Tianjin) Welding Wire and Metal Products Co Ltd .....	B29090
REA Magnet Wire .....	C40116
United Wire Co Inc .....	<b>A5786</b>
Wieland Metals Inc .....	A5458
Winnox Industries Ltd .....	B30091
Wisconsin Wire Works Inc .....	B26107

#### METALS SUPPLIED - BRONZE/BRONZE ALLOYS

ABC Metals Inc .....	A5219
E Jordan Brookes Co. ....	C41041
Eagle Metals.....	A5188
Heyco Metals Inc .....	A5278
Jiashan PVB Sliding Bearing Co. Ltd....	A5287
Nantong Yutung Industrial Co Ltd .....	C40820
NBM Metals .....	C41110
Newland (Tianjin) Welding Wire and Metal Products Co Ltd .....	B29090
REA Magnet Wire .....	C40116
United Wire Co Inc .....	<b>A5786</b>
Southern Copper & Supply .....	B17030
Winnox Industries Ltd .....	B30091
Wisconsin Wire Works Inc .....	B26107

#### METALS SUPPLIED - CLAD METAL

Almetals Company .....	A4939
E Jordan Brookes Co. ....	C41041
NN, Inc. Precision Engineered Products Group .....	C41112
Vincent Clad Metals Corporation.....	A5088
Welding Alloys USA.....	B32021

#### METALS SUPPLIED - COBALT ALLOYS

Haynes International .....	B33064
Jiangyin Chengqing Special Alloy Material Co Ltd .....	B28094
Rolled Alloys .....	A2910
Ulbrich Stainless Steels & Special Metals Inc .....	A5140
United Performance Metals.....	<b>C41738</b>

#### METALS SUPPLIED - COPPER/ COPPER ALLOYS

ABC Metals Inc .....	A5219
Alro Steel & Plastics .....	A4920
AMPCO Metal Inc .....	B18098
Bohler Uddeholm Corp .....	<b>A5467</b>
Chris Plating .....	A5755
E Jordan Brookes Co. ....	C41041
Eagle Metals.....	A5188
Electron Beam Technologies Inc .....	B34037
G.RAU GmbH & Co KG.....	<b>C40217</b>
Golden Eagle Minmetals (Beijing) Wldg Materials Co .....	B30089
Heyco Metals Inc .....	A5278
HOSO Metal Co Ltd .....	<b>B37071</b>
Metal Supermarkets Service Company Inc .....	A4954
NBM Metals .....	C41110

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**METALS SUPPLIED - COPPER/  
COPPER ALLOYS**

Newland (Tianjin) Welding Wire and Metal Products Co Ltd.....	B29090
NGK Metals Corp .....	A5056
REA Magnet Wire .....	C40116
RWMA - Resistance Welding Manufacturing Alliance .....	C41540
Southern Copper & Supply .....	B17030
Three D Metals/Williams Metals and Welding Alloys.....	A3051
<b>United Wire Co Inc .....</b>	<b>A5786</b>
Vincent Clad Metals Corporation .....	A5088
Wieland Metals Inc .....	A5458
Winnox Industries Ltd .....	B30091
Wisconsin Wire Works Inc.....	B26107

**METALS SUPPLIED - HI-TEMP ALLOYS**

Haynes International.....	B33064
Rolled Alloys .....	A2910
Stainless Structurals LLC .....	C41134
<b>United Performance Metals.....</b>	<b>C41738</b>
<b>United Wire Co Inc .....</b>	<b>A5786</b>
Vladimir Plant of Precision Alloys .....	C41218
Zapp Precision Strip .....	A5454

**METALS SUPPLIED - NICKEL/  
NICKEL ALLOYS**

Eagle Metals.....	A5188
Haynes International.....	B33064
Heyco Metals Inc .....	A5278
JLC Electromet Pvt LLC.....	B34073
Newland (Tianjin) Welding Wire and Metal Products Co Ltd .....	B29090
Rolled Alloys .....	A2910
Rolled Metal Products .....	A5354
Stainless Structurals LLC .....	C41134
Tubing Central .....	B17098
Ulbrich Stainless Steels & Special Metals Inc.....	A5140
<b>United Performance Metals.....</b>	<b>C41738</b>
<b>United Wire Co Inc .....</b>	<b>A5786</b>
Vladimir Plant of Precision Alloys .....	C41218
Zapp Precision Strip .....	A5454

**METALS SUPPLIED - PERFORATED**

Phoenix Metals Co .....	A3021
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**METALS SUPPLIED - POWDER METALS**

<b>Bohler Uddeholm Corp .....</b>	<b>A5467</b>
DSS America Inc.....	C40736
Latrobe Specialty Metals Distribution .....	A5380
LSN Diffusion Ltd/Surface Flow Technologies Inc .....	C41520
SB Specialty Metals LLC.....	C40715
Zapp Precision Strip .....	A5454

**METALS SUPPLIED - PRECIOUS/  
EXOTIC METALS**

<b>United Wire Co Inc .....</b>	<b>A5786</b>
Vincent Clad Metals Corporation .....	A5088
Vladimir Plant of Precision Alloys .....	C41218

**METALS SUPPLIED - PRECOATED**

ABC Metals Inc .....	A5219
Phoenix Metals Co .....	A3021

**METALS SUPPLIED - STEEL (CARBON)**

Alro Steel & Plastics .....	A4920
Bestar LLC .....	A5060
Metal Supermarkets Service Company Inc.....	A4954
Phoenix Metals Co .....	A3021
Ryerson .....	C41130
Sturdell Industries Inc .....	C41006
<b>Sugar Steel Corp.....</b>	<b>A3033</b>
Superior Die Set Corp .....	A5408
Three D Metals/Williams Metals and Welding Alloys.....	A3051

Tremefil Izaguirre SA.....	B16097
<b>United Wire Co Inc .....</b>	<b>A5786</b>
Wilco Inc.....	A5059
Yarde Metals Inc .....	C40835
Zapp Precision Strip .....	A5454

**METALS SUPPLIED - STEEL  
(HIGH ALLOY)**

Bestar LLC .....	A5060
<b>Bohler Uddeholm Corp .....</b>	<b>A5467</b>
DSS America Inc.....	C40736
Electra USA, Inc.....	C41634
Haynes International .....	B33064
Latrobe Specialty Metals Distribution .....	A5380
Rolled Metal Products .....	A5354
SB Specialty Metals LLC.....	C40715
Sturdell Industries Inc .....	C41006
<b>United Performance Metals.....</b>	<b>C41738</b>
Zapp Precision Strip .....	A5454

**METALS SUPPLIED - STEEL  
(LOW ALLOY)**

Bestar LLC .....	A5060
Electra USA, Inc.....	C41634
Latrobe Specialty Metals Distribution .....	A5380
<b>United Performance Metals.....</b>	<b>C41738</b>

**METALS SUPPLIED - STEEL  
(STAINLESS)**

ABC Metals Inc .....	A5219
Almetals Company .....	A4939
Alro Steel & Plastics .....	A4920
Bestar LLC .....	A5060
<b>Bohler Uddeholm Corp .....</b>	<b>A5467</b>
DSS America Inc.....	C40736
E Jordan Brookes Co .....	C41041
Eagle Metals.....	A5188

Electra USA, Inc..... C41634

Heyco Metals Inc .....

A5278

Lyon Industries .....

A3271

Metal Supermarkets Service Company Inc.....

A4954

Phoenix Metals Co .....

A3021

Rolled Alloys .....

A2910

Rolled Metal Products .....

A5354

Ryerson .....

C41130

SB Specialty Metals LLC .....

C40715

Shandong Yanggu Jingyanggang Investment Casting Co., Ltd.....

C41605

Stainless Structurals LLC .....

C41134

Sturdell Industries Inc .....

C41006

Ulbrich Stainless Steels & Special Metals Inc.....

A5140

**United Performance Metals.....**

**C41738**

**United Wire Co Inc .....**

**A5786**

Yarde Metals Inc .....

C40835

Zapp Precision Strip .....

A5454

**METALS SUPPLIED - STEEL (TOOL)**

<b>Bohler Uddeholm Corp .....</b>	<b>A5467</b>
DSS America Inc .....	C40736
Latrobe Specialty Metals Distribution .....	A5380
SB Specialty Metals LLC .....	C40715
Sturdell Industries Inc .....	C41006
Zapp Precision Strip .....	A5454

**METALS SUPPLIED - TITANIUM/  
TITANIUM ALLOYS**

Haynes International .....	B33064
Rolled Alloys .....	A2910
Rolled Metal Products .....	A5354
Tubing Central .....	B17098
Ulbrich Stainless Steels & Special Metals Inc.....	A5140
<b>United Performance Metals.....</b>	<b>C41738</b>

**METALS TOLL PROCESSING SERVICES**

United Aluminum Corp .....	A5249
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**MILLRIGHT SERVICES**

Lee Contracting Inc .....	A5648
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**MOTION CONTROL PRODUCTS**

5 Star Engineering and Maintenance ..	B10065
Associated Spring Raymond .....	A5261
Beckhoff Automation .....	A4884
Bosch Rexroth Corp .....	A2807
Delta Computer Systems Inc .....	A4923
<b>Dynatect Manufacturing Inc .....</b>	<b>A3209</b>
Excel Industrial Electronics .....	C41815
FlashCut CNC .....	A2823
Harmonic Drive LLC .....	A3039
Hiwin Corporation .....	A1461
<b>Hypertherm Inc.....</b>	<b>A3525, A3531, B17013</b>
Kyntronics .....	C40926
Leader Precision Drive .....	C40822

Lincoln Electric Co .....	A1851
Nadella Inc .....	C41107
NSK Americas .....	C40706
NUM CNC and Automation Solutions .....	A3794
OSAI USA .....	A4292
Steelmax Tools .....	B29066
SUNS International LLC .....	A3087
THK America Inc .....	A1009

**MOTORS**

Beckhoff Automation .....	A4884
Bosch Rexroth Corp .....	A2807
Dynamatic .....	A5052
Harmonic Drive LLC .....	A3039
Hiwin Corporation .....	A1461
NSK Americas .....	C40706
OSAI USA .....	A4292

**NITROGEN DIE CYLINDERS**

Fibro Inc .....	A5676
HYSON Metal Forming Solutions .....	A5456
Impax Tooling Solutions .....	A5361
Ready Technology Inc .....	A5479
Special Springs LLC .....	A5463

**NOISE CONTROL EQUIPMENT**

Boss Products Llc .....	B21084
Denray Machine Inc .....	C41018
GERB Vibration Control Systems .....	A4972
Micro Air .....	B20087
Sellstrom Manufacturing Co .....	B31006
Shaver Industries Inc .....	C40725
Singer Safety Co .....	A6577

**NONDESTRUCTIVE TESTING EQUIPMENT**

Dakota Ultrasonics .....	B34070
Danatronics Corp .....	B23092
Defelsko Corp .....	A5957
Elcometer Inc .....	A5737, B33047
Fischer Technology Inc .....	A6356
Fluke Process Instruments .....	A5739
Innerspec Technologies .....	B18100
InterTest .....	B37040
ISEND SA .....	B40
NDT Technologies Inc .....	B18097
Oasis Scientific Inc .....	A3124
Olympus America Inc .....	B17033
Ophir Spiricon LLC .....	C40912
plasmo USA LLC .....	B33054
Rigaku Analytical Devices .....	B19103
SciAps Inc .....	B10074
SPECTRO Analytical Instruments .....	C41210
Superior Joining Technologies Inc .....	B34071
Tribogenics Inc .....	C40923
Xiris Automation Inc .....	B16030

**NOTCHING MACHINES**

Boschert Precision Machinery Inc .....	A2267
Butech Bliss .....	A3263
Carell Corporation .....	A4873
COMEQ Inc .....	A3514
Emmegi USA Inc .....	A2684
Marion Die & Fixture Inc .....	A4275
Mestek Machinery Inc .....	A2904
Samco Machinery Ltd .....	A3245
Tube Form Solutions .....	B11034

**NOZZLES FOR FINISHING SPRAY WASHERS**

Bex Spray Nozzles .....	A6559
Spraying Systems Co .....	A5841
Uni-Spray Systems Inc .....	A6316

**ONLINE SERVICES**

360 Direct .....	C41222
American Welding Society .....	C41336
American Welding Society Bookstore .....	C41234
AWS Professional Welders Competition .....	B33109, B32110
Industrial Machine Trader .....	C40910
Industrial Machinery Digest .....	A5378
Technical Translation Services .....	A3050

**ORNAMENTAL/SCROLL BENDERS**

Carell Corporation .....	A4873
Eagle Bending Machines Inc .....	A4873
Ercolina - CML USA Inc .....	A4117
Fascut Industries .....	A3226

**OTHER MACHINERY/EQUIPMENT/ PARTS/PRODUCTS**

ACT Dust Collectors .....	A5850
Alfra USA LLC .....	C40907
Attollo Lift .....	C40117
Brobo / Ken Bergman & Associates .....	A4453
Bunting Magnetics Co .....	A5633
Chambrelan Industrial Slides Inc .....	C40928
DIMIDE .....	B28084
Dosatron International Inc .....	A5988
DT Engineering .....	C40315
Dynatect Manufacturing Inc .....	A3209
Firelce Solutions LLC .....	B22084
Fluoramics Inc .....	C41601
International Thermal Systems LLC .....	A5855, A6187
Lillbacka USA .....	B15013
OP USA Inc .....	B14094
Polymer Molding Inc .....	A6279
QuickLabel Systems .....	A5844
Rigidized Metals Corp .....	A3204
RollSeal Inc .....	A6271
RUF Briquetting Systems .....	A4970
Shenyang Jinbel Imp/Exp Co Ltd .....	C41841
TAB Industries LLC .....	A3599

Techflex Inc .....	A3193
Trim-Lok .....	A3094
Versatility Professional Tool Storage .....	A5067
Weldcoa .....	B32006

**OTHER MACHINING EQUIPMENT**

Createch Machine and Design .....	C41026
Elumatec North America Inc .....	A2826
Italmac USA Inc .....	C40144
Penn United Technologies Inc .....	A5239
Rattunde Corporation .....	B10032
Sankyo Rikagaku Co Ltd .....	A5974
Southwestern Industries Inc .....	A5076

**OVENS FOR CURING PAINT & COATINGS**

Ajax Tocco Magnethermic Corp .....	B13070
American Industrial Sales LLC .....	A6281
Amberica Inc .....	A5853
Bayco / Guspro Inc .....	A6575
Carlisle Fluid Technologies .....	A6216
Catalytic Industrial Systems .....	A5918
ChemQuest Inc .....	A6237
Col-Met Engineered Finishing Solutions .....	A6442
Fostoria Process Equipment, div. of TPI Corp .....	A6212
General Automatic Transfer .....	A6453
General Fabrications Corp .....	A5921
George Koch Sons LLC .....	A6131
Global Finishing Solutions .....	A6248
Hedson Technologies North America .....	A5989
Heraeus Noblelight LLC .....	A5845
INTEK Corporation .....	A6421
IntelliFinishing .....	A6152
International Thermal Systems LLC .....	A5855
LS Industries Inc .....	A3179
Midwest Finishing Systems .....	A6155
Nordson Corp .....	A6224
Pillar Induction .....	B13070
Pneu-Mech Systems Mfg .....	A5914
Rohner .....	A6171
RollSeal Inc .....	A6271
Spray Systems Inc .....	A5954
Spray Tech/Junair .....	A6473
Therma-Tron-X Inc .....	A6267
Thierica Equipment Corp .....	A6179
Trimac Industrial Systems .....	A6325
Venjakob North America Inc / Nutro Inc .....	A6484

**OVENS FOR DRYING PARTS**

Atryz Korea Co Ltd .....	C40918
Carlisle Fluid Technologies .....	A6216
Catalytic Industrial Systems .....	A5918
Col-Met Engineered Finishing Solutions .....	A6442
Fostoria Process Equipment, div. of TPI Corp .....	A6212

## OVENS FOR DRYING PARTS

General Automatic Transfer	A6453
General Fabrications Corp.	A5921
George Koch Sons LLC	A6131
Global Finishing Solutions	A6248
Hedson Technologies North America	A5989
Heraeus Noblelight LLC	A5845
INTEK Corporation	A6421
IntelliFinishing	A6152
International Thermal Systems LLC	A5855
Midwest Finishing Systems	A6155
Patriot Metal Finishing Systems Inc.	A6553
RollSeal Inc.	A6271
Spray Systems Inc	A5954
Therma-Tron-X Inc	A6267
Trimac Industrial Systems	A6325

## OVEN-TEMPERATURE MONITORS/CURING ANALYZERS - FINISHING

Elcometer Inc	A5737, B33047
Fluke Process Instruments	A5739

## OXYFUEL/GAS CUTTING MACHINES

Ajan Elektronik Servis Sanayi Ve Ticaret Ltd St	A2674
AKS Cutting Systems Inc.	A4818
American Torch Tip Co Inc.	B35030
CG Global Systems	B35070
Dynatorch Inc	B15066
ESAB Welding & Cutting Products	B17074
Flame Technologies Inc.	B32010
Genstar Technologies Inc	B31058
Hornet Cutting Systems	A2892
Kinetic Cutting Systems Inc.	A4812
Koike Aronson Inc	B17008
Komatsu America Industries LLC	A1214
Lincoln Electric Co	A1851
Machitech Inc	B27013
Messer Cutting Systems	A4860
MultiCam Inc	A2841
Nukon Lazer Makina Metal Sanayi Ve Ticaret AS	A2689
Ocean Machinery Inc	A4867
Park Industries	A4088
Peddinghaus Corp.	A1845
Rhino Cutting Systems	C40530
ShopData Systems Inc	A1142
Soitaab USA Inc	A2879
Victory CNC Plasma Systems	B35073
Voortman Corporation	A1861

## PACKAGING MACHINERY & COMPONENTS

Allstrap Steel & Poly Strapping Systems	C40316
Box On Demand	A4080
Bradbury Group Australia	A4275
Fromm Packaging Systems	B12087
Industrial Molded Rubber Products	A2933
JMR Industrial	A3599
Muller - Load Containment Solutions	A3076

Packsize International LLC	A1256
Piab Inc	C41730
Rigidized Metals Corp	A3204
Samco Machinery Ltd	A3245
Welker Engineered Products	B37031

## PACKAGING MATERIALS

Allstrap Steel & Poly Strapping Systems	C40316
Box On Demand	A4080
Daubert Cromwell	A4917
Muller - Load Containment Solutions	A3076
Packsize International LLC	A1256
Polymer Molding Inc	A6279
Poppelmann Plastics USA LLC	A5757
Zerust Corrosion Solutions	C41721
Zormot International Inc	B20103

## PAINT APPLICATION EQUIPMENT - LIQUID

Arro-Mark Co LLC	A3290
Carlisle Fluid Technologies	A6216
Durr Systems Inc	A6284
Filtermedia SRL	A6558
George Koch Sons LLC	A6131
Graco Inc	A6240
Hedson Technologies North America	A5989
Herr Industrial Inc	A6470
Hosco Fittings LLC	A5956
IntelliFinishing	A6152
Magic Rack/Production Plus Corp	A5938
Nordson Corp	A6224
Pneu-Mech Systems Mfg	A5914
Sames Kremlin	A6259
Sata Spray Equipment	A5714
Thierica Equipment Corp.	A6179
Wagner Systems Inc	A6262

## PAINT CIRCULATING SYSTEMS

Bex Spray Nozzles	A6559
Carlisle Fluid Technologies	A6216
Durr Systems Inc	A6284
Graco Inc	A6240
Hosco Fittings LLC	A5956
Sames Kremlin	A6259

## PAINT DRUM ROTATORS, MIXERS, SHAKERS

Carlisle Fluid Technologies	A6216
Durr Systems Inc	A6284

## PAINT MANUFACTURERS - LIQUID

Arro-Mark Co LLC	A3290
Baril Coatings USA	A5821
Carbit Paint Co	A6436
Cardinal Paint and Powder	A5950
Environmental Coatings Inc.	A6478
Hentzen Coatings Inc	A6235
Jamestown Coating Technologies	A5981
Klinger Paint Co	A5985
Northern Coatings & Chemical	A6338
PPG Industries Inc.	A5712

Protech Powder Coatings	A6173
Sierra Paint Corporation	A6556
Specialty Aerosols/Raabe/Precision Color	A6517
Vogel Industrial Coatings	A5943

## PAINT OVERSPRAY RECYCLING/RECOVERY SYSTEMS & SERVICES

Global Finishing Solutions	A6248
Imperial Systems Inc	B15061
Jamestown Coating Technologies	A5981

## PALLETIZERS/DEPALLETIZERS, STACKERS

ASTES4 SA	A1035
Athader	A4275
Dalmec Inc	A2969
Muller - Load Containment Solutions	A3076
P/A Industries Inc	A5612
Presto Lifts Inc	C40841
Sage Automation Inc	B18087
Webb-Stiles Co.	A6544

## PANEL BENDERS

HAEUSLER AG Duggingen	A2856
MetalForming Inc	A4853
Prima Power North America Inc.	A2642
Replacement Brush Tables	C40827
Salvagnini America Inc	A1838
Schwarze-Robitec GmbH	B13074

## PICKLING EQUIPMENT

Bradford Derustit Corp	B35000
Butech Bliss	A3263
Ensitech Inc	B33069
Therma-Tron-X Inc	A6267
Walter Surface Technologies	B35013

## PIERCING MACHINES

BTM Company LLC	B21108
Coldwater Machine Co	A3274
Replacement Brush Tables	C40827

## PLASMA CUTTING MACHINES & COMPONENTS

Ajan Elektronik Servis Sanayi Ve Ticaret Ltd St	A2674
AKS Cutting Systems Inc.	A4818
American Torch Tip Co Inc.	B35030
B&Bartoni spol s.r.o.	C40326
Baykal Makine A.S.	A2655
Burnco Prodevco Robotic Solutions	A4289
CG Global Systems	B35070
Cincinnati Inc	A4014
Daito USA Inc	A1262
Dynatorch Inc	B15066
ESAB Welding & Cutting Products	B17074
Flange Wizard Inc	B32035
FlashCut CNC	A2823
Genstar Technologies Inc	B31058
Hangzhou Grand Imp & Exp Co Ltd	C40324
HGG Profiling Equipment BV	A2899

Hornet Cutting Systems	A2892
Hypertherm CAM	A3231
Hypertherm Inc.	A3525, A3531, B17013
Imperial Systems Inc	B15061
JD Squared Inc	B11066
Kinetic Cutting Systems Inc.	A4812
KNUTH Machine Tools USA Inc	A2874
Koike Aronson Inc	B17008
Komatsu America Industries LLC	A1214
Lincoln Electric Co	A1851, B19021
Machitech Inc	B27013
MegaFab	A3840
Messer Cutting Systems	A4860
MultiCam Inc	A2841
MVD Makina Sanayi A.S.	A1873
Nukon Lazer Makina Metal Sanayi Ve Ticaret AS	A2689
NUM CNC and Automation Solutions	A3794
Park Industries	A4088
Peddinghaus Corp.	A1845
Rhino Cutting Systems	C40530
Shandong Aotai Electric Co Ltd	B23099
Shanghai Hugong Electric Group Co Ltd	B27094
Shanghai Mealer Welding Equipment Co Ltd	B20109
Shenzhen Huayilong Electric Co Ltd	B31108
ShopData Systems Inc	A1142
Slatpro LLC	A4389
Soitaab USA Inc	A2879
Thermacut Inc	B19045
Victory CNC Plasma Systems	B35073
Voortman Corporation	A1861
Zhejiang Juba Welding Equipments Manufacturing Co Ltd	C41508

## PLATE & STRUCTURAL FABRICATING MACHINES

AGT Robotics	B27068
AKYAPAK ULUSLARARASÍ DÍS TÍCARET MAK. SAN. VE TÍC A.S.	A1867
Boschert Precision Machinery Inc	A2267
Ficep Corporation	A2667
Hypertherm CAM	A3231
Hypertherm Inc.	A3525, A3531, B17013
Kinetic Cutting Systems Inc.	A4812
Lincoln Electric Co	A1851
Machitech Inc	B27013
MegaFab	A3840
Mohawk Machinery Inc.	C40708
Nitto Kohki USA Inc	A4416
Pacific Press Technologies	A3896
Pandjiris Inc	B16006
Peddinghaus Corp.	A1845
Schelling America Inc	C40742
Serimax Holdings	B20084
ShopData Systems Inc	A1142
Steelmax Tools	B29066
Ursviken Inc	A3280
Voortman Corporation	A1861

## PLATE BENDING ROLLS

1960 Seravesi SRL	C40340
AKYAPAK ULUSLARARASÍ DÍS TÍCARET MAK. SAN. VE TÍC A.S.	A1867
Allor Manufacturing Inc/ Plesh Industries	A4489
Boldrini srl	A4248
Boschert Precision Machinery Inc	A2267
C Marshall Fabrication Machinery Inc	A4450
Carell Corporation	A4873
COLE-TUVE Inc	A3875
DAVI Inc	A3850

Faccin USA Inc	A4248
HAEUSLER AG Duggingen	A2856
KAAST Machine Tools Inc	A2677
KNUTH Machine Tools USA Inc	A2874
Master Roll Manufacturing	C40710
MegaFab	A3840
ROUNDO	A4248
Trilogy Machinery Inc	A4848
US Industrial Machinery Co	A4431

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**PNEUMATIC LIFTS, AERIAL WORK PLATFORMS/POSITIONERS**

Combilift USA	A4407, B15010
Piab Inc	C41730
Presto Lifts Inc	C40841
Serapid Inc	A5307

**POLISHING MEDIA**

Burr King Manufacturing Co	A3059
Divine Brothers Co	A6420
Flex Trim USA	A5980

**POLISHING/SANDING/BUFFING EQUIPMENT**

AM Machinery Sales Inc	A2814
Apex Machine Group	A1014
Astro Pak	B19083
Burr King Manufacturing Co	A3059
CS Unitec Inc	B33061
Divine Brothers Co	A6420
DMC Metal Finishing	A4095
Doucet Machineries Inc	A3150
Ensitech Inc	B33069
FANDELI Coated Abrasives	B27105
Fein Power Tools Inc	B33058
Flex Trim USA	A5980
Hangzhou Xiangsheng Abrasive Machine Manufacturing Co. Ltd.	A2977
Joysun Abrasives Co Ltd	C41426
LISSMAC Corp	A4842
Meccanica Ronzani Srl	B31097
Metal Science Technologies Pty Ltd	B37009
Micro-Surface Finishing Products	A6424
Midwest Automation	C40944
Preston-Eastin Inc.	B32037
Sinto Surface Treatment	A4486
SuperMax Tools	A5976
Timesavers LLC	A2802
Wendt USA LLC	B31034

**POLLUTION CONTROL CHEMICALS - FINISHING**

DMP Corporation	A6555
HafcoVac	A5750

**POLLUTION CONTROL EQUIPMENT**

AAF International	A5684
Ace Industrial Products	B37003
ACT Dust Collectors	A5850
American Fabric Filter Co	A6542
APEL International	A6372
Avani Environmental Intl Inc	B23087
Boss Products Llc	B21084
CLARCOR Industrial Air   UAS	C40319
DMP Corporation	A6555
Donaldson Torit - Donaldson Company Inc.	A3880
DualDraw LLC	B18044
ESTA Extraction USA LP	B27090

**Keller USA Inc.** ..... A3097

Micro Air ..... B20087

**Nederman LLC** ..... B17049

Nordic Air Filtration ..... A6437

TIGER-VAC USA INC

..... B32103

Tri-Mer Corp

..... A3173

**POLLUTION CONTROL EQUIPMENT - FINISHING**

APEL International

..... A6372

Bayco / Guspro Inc

..... A6575

Diversitech

..... B29000

DMP Corporation

..... A6555

Duroair Technologies Inc

..... A6535

**POLLUTION CONTROL SYSTEMS (ENGINEERING & DESIGN) - FINISHING**

APEL International

..... A6372

DMP Corporation

..... A6555

DualDraw LLC

..... B18044

**PORTABLE POWER TOOLS**

Alfra USA LLC

..... C40907

American Innovative

Manufacturing LLC

..... C41612

Chicago Pneumatic Tool Co.

..... B29079

CS Unitec Inc

..... B33061

DEWALT – Power Tools & Abrasives

..... B29084

Dynabrade Inc

..... A2943

E. H. Wachs

..... B17037

Fein Power Tools Inc

..... B33058

G&J Hall Tools Inc

..... B32090

KLINGSPOR Abrasives Inc

..... B34064

Lessmann Inc.

..... C41422

Millner-Haufen Tool Company

..... C40346

Saar Hartmetall USA LLC

..... B10017

TRUMPF Inc

..... A2601, B103, B11013

Walter Surface Technologies

..... B35013

York Portable Machine Tools

..... B25068

**POWDER COATING APPLICATION & RECOVERY EQUIPMENT**

American Industrial Sales LLC

..... A6281

Carlisle Fluid Technologies

..... A6216

Col-Met Engineered Finishing Solutions

..... A6442

eifeler Coatings Technology

..... A5467

EPSI (Engineered Products &

Services Inc)

..... A6410

Gema USA Inc

..... A6243

George Koch Sons LLC

..... A6131

Global Finishing Solutions

..... A6248

IHI Ionbond Inc

..... C41717

Imperial Systems Inc

..... B15061

IntelliFinishing

..... A6152

Magic Rack/Production Plus Corp

..... A5938

MAXIAIR Systems

..... A6536

Nordic Air Filtration

..... A6437

Nordson Corp

..... A6224

**Parker Ionics** ..... A6431

Patriot Metal Finishing Systems Inc

..... A6553

Pollution Control Products Co

..... A5743

Powder Coated Tough Magazine

..... A6415

Powder Coating Institute

..... A6414

Richards-Wilcox Conveyor

..... A6370

Sames Kremlin

..... A6259

Valmont Coatings

..... A5748

**POWDER COATING SIEVES, SCREENING DEVICES, SIFTERS**

Carlisle Fluid Technologies

..... A6216

Gema USA Inc

..... A6243

Nordson Corp

..... A6224

Parker Ionics

..... A6431

**POWDER COATINGS MANUFACTURERS**

AkzoNobel Powder Coatings

..... A5837

American Grinders Inc

..... A6335

Axalta Coating Systems

..... A6220

Cardinal Paint and Powder

..... A5950

Carlisle Fluid Technologies

..... A6216

Decral System USA Corp

..... A6584

Global Finishing Solutions

..... A6248

Hentzen Coatings Inc

..... A6235

IFS Coatings Inc

..... A6252

Jamestown Coating Technologies

..... A5981

Keyland Polymer Material

Sciences LLC

..... A6323

Powder Coated Tough Magazine

..... A6415

Powder Coating Institute

..... A6414

PPG Industries Inc

..... A5712

Protech Powder Coatings

..... A6173

Sherwin-Williams

..... A6512

Specialty Aerosols/Raabe/Precision Color

..... A6517

Vitracoat America Inc

..... A5907

Vogel Industrial Coatings

..... A5943

**POWDER SUPPLIES FOR ELECTROSTATIC PROCESSES**

American Grinders Inc

..... A6335

Gema USA Inc

..... A6243

Parker Ionics

..... A6431

Specialty Aerosols/Raabe/Precision Color

..... A6517

**POWDERED METAL PARTS**

NN, Inc. Precision Engineered

Products Group

..... C41112

Precision Metal Stamping Tool

and Product Co. LTD

..... A5390

Toptime Precision Electronics Co Ltd

..... A5873

Yuyao Jingqiao Hardware Factory

..... A5389

**POWER TRANSMISSION PRODUCTS**

DESCH Canada Ltd

..... A5441

Dynamatic

..... A5052

Goizper Group

..... A5475

Leader Precision Drive .....	C40822
Nadella Inc .....	C41107
THK America Inc .....	A1009
Torque Technologies Inc .....	A5475
<b>PRESS AUTOMATION TRANSFER EQUIPMENT</b>	
AP&T North America Inc .....	A5639
Atlas Technologies .....	A5460
Bradbury Metal Tile Roofing Solutions .....	A4275
Güdel, Inc. ....	B35044
JIT Automation Inc .....	A5090
Oriimec Corporation of America .....	A5048
Piab Inc .....	C41730
Ruhlamat Automation Technologies (Suzhou) Co Ltd .....	C41221
Schleifstein Maschinentechnik GmbH .....	A5422
Welker Engineered Products .....	B37031
<b>PRESS BRAKES (ALL-ELECTRIC)</b>	
Amada America Inc .....	A1802
Automec Inc .....	A3257
Boschert Precision Machinery Inc .....	A2267
Cincinnati Inc .....	A4014, B70
Disma Metalmecanica .....	A4257
Enutron Industrial Corp .....	A3045
International Technologies Inc. ....	A3031
Jordi Universal VSL .....	A1467
Ketec Precision Tooling Inc .....	A1138
Lazer Safe Pty Ltd. ....	A3109
LVD Strippit .....	A2631
MC Machinery Systems Inc. ....	A2619
Midwest Tool Inc. ....	A2909
Prima Power North America Inc. ....	A2642
SafanDarley BV .....	A2638
Salvagnini America Inc .....	A1838
Trilogy Machinery Inc .....	A4848
TRUMPF Inc .....	A2601, B103, B11013
Ursviken Inc .....	A3280
US Industrial Machinery Co. ....	A4431
Wila USA .....	A2838
Yangli Group Co Ltd .....	A5644
<b>PRESS BRAKES (HYDROMECHANICAL)</b>	
Automec Inc .....	A3257
HAEUSLER AG Duggingen .....	A2856
<b>PRESS BRAKES (MECHANICAL)</b>	
Anhui Lianmeng Mould Industrial Co Ltd .....	C40220
Automec Inc .....	A3257
<b>PRESS BRAKES (PNEUMATIC)</b>	
Anhui Lianmeng Mould Industrial Co Ltd .....	C40220
DESCH Canada Ltd .....	A5441
<b>PRESS CONTROLS</b>	
Delta Computer Systems Inc. ....	A4923
Dynamatic .....	A5052
Helm Instrument Co Inc .....	A5106
Link Electric & Safety Control .....	A5203
Nidec Minster Corp. ....	A5706
Rockford Systems LLC .....	A5386
SUNS International LLC .....	A3087
Toledo Integrated Systems .....	A5138
Wintriss Controls Group LLC .....	A5437
<b>PRESS FEEDS</b>	
Hydraulic as .....	A5669
P/A Industries Inc .....	A5612
<b>PRESSES - DEEP DRAWING</b>	
AIDA-America Corp. ....	A5425, A5624
Boldrini srl .....	A4248
Eagle Press & Equipment Co Ltd. ....	A5418
Greenerd Press & Machine Company Inc	A5023
Hainan E-Mfg Technology Co. Ltd .....	C40826
Hydraulic as .....	A5669
<b>PRESSES - DISHING</b>	
1960 Seravesi SRL .....	C40340
Boldrini srl .....	A4248
Faccin USA Inc .....	A4248
Schleifstein Maschinentechnik GmbH .....	A5422
Stamtec Inc .....	A5431
<b>PRESSES - FINEBLANKING</b>	
Bruderer Machinery Inc .....	A5025
Feintool Technology .....	A5081
Jackson Precision Industries .....	C41241
Ningbo Goanwin Machinery Manufacturing Co Ltd .....	A4952
Precision Metal Stamping Tool and Product Co. LTD. ....	A5390
Sangiacomo Presses Americas LLC .....	A5209
SEYI America Inc. ....	A5225
Shenzhen Yalu Industry Co LTD .....	A5288
Stamtec Inc .....	A5431
Sutherland Presses .....	A5214
Theta TTS Inc. ....	C41744
Wuxi Micro Research Co Ltd .....	C41838
<b>PRESSES - FORGING</b>	
Atryz Korea Co Ltd .....	C40918
Butech Bliss .....	A3263
Enprotech Industrial Technologies .....	A5267
GERB Vibration Control Systems .....	A4972
Hydraulico as .....	A5669
Macrodyne Technologies Inc. ....	A5063
Nantong Yutung Industrial Co Ltd .....	C40820
Neff Press Inc. ....	A5314
Stamtec Inc .....	A5431
Sutherland Presses .....	A5214
<b>PRESSES - HOT STAMPING</b>	
AP&T North America Inc .....	A5639
Beckwood Press Co .....	A5448
Dees Hydraulic Industrial Co Ltd .....	C41828
Dongguan Wangbo Metal .....	A5886
Excelsior Hardware & Plastic Co Ltd .....	A5884
Greenerd Press & Machine Company Inc	A5023
Jiaxing Aerotec Precision Co Ltd .....	C41528
Macrodyne Technologies Inc. ....	A5063
Schleifstein Maschinentechnik GmbH .....	A5422
Schuler Incorporated .....	A5031

## PRESSES - HYDRAULIC (COLUMN STYLE/POST)

AP&T North America Inc . . . . .	A5639
Beckwood Press Co . . . . .	A5448
<b>Dake Corporation</b> . . . . .	<b>A4492</b>
Dees Hydraulic Industrial Co Ltd . . . . .	C41828
Eagle Press & Equipment Co Ltd. . . . .	A5418
GERB Vibration Control Systems . . . . .	A4972
Greenerd Press & Machine Company Inc. . . . .	A5023
<b>Macrodyne Technologies Inc.</b> . . . . .	<b>A5063</b>
Metform International Ltd. . . . .	A3297
Multipress Inc. . . . .	A5339
Neff Press Inc. . . . .	A5314
Pacific Press Technologies . . . . .	A3896
Schleifstein Maschinentechnik GmbH . . . . .	A5422
<b>Stamtec Inc.</b> . . . . .	<b>A5431</b>

## PRESSES - HYDRAULIC (GAP/C FRAME)

1960 Seravesi SRL . . . . .	C40340
Addition Manufacturing Technologies . . . . .	B15037
Alma Machinery Co. . . . .	A5237
Beckwood Press Co . . . . .	A5448
Betenbender Manufacturing Inc . . . . .	A1004
<b>Dake Corporation</b> . . . . .	<b>A4492</b>
Dees Hydraulic Industrial Co Ltd . . . . .	C41828
Greenerd Press & Machine Company Inc. . . . .	A5023
<b>KAASST Machine Tools Inc.</b> . . . . .	<b>A2677</b>
Kalamazoo Metal Muncher . . . . .	A3052
<b>Macrodyne Technologies Inc.</b> . . . . .	<b>A5063</b>
Multipress Inc. . . . .	A5339
Neff Press Inc. . . . .	A5314
Pacific Press Technologies . . . . .	A3896
Sangiacomo Presses Americas LLC . . . . .	A5209
<b>Stamtec Inc.</b> . . . . .	<b>A5431</b>

## PRESSES - HYDRAULIC (SERVO-DRIVE)

DESH Canada Ltd . . . . .	A5441
<b>Macrodyne Technologies Inc.</b> . . . . .	<b>A5063</b>
Moss International Srl . . . . .	A3789
Multipress Inc. . . . .	A5339
Sangiacomo Presses Americas LLC . . . . .	A5209
Schuler Incorporated . . . . .	A5031
<b>Stamtec Inc.</b> . . . . .	<b>A5431</b>
Sutherland Presses . . . . .	A5214

## PRESSES - HYDRAULIC (STRAIGHT SIDE)

Alma Machinery Co. . . . .	A5237
Brown Boggs Machine Co. . . . .	A5009
Dees Hydraulic Industrial Co Ltd . . . . .	C41828
Enprotech Industrial Technologies . . . . .	A5267
Greenerd Press & Machine Company Inc. . . . .	A5023
<b>Hydraulico as</b> . . . . .	<b>A5669</b>
Kalamazoo Metal Muncher . . . . .	A3052

## Macrodyne Technologies Inc. . . . .

Multipress Inc. . . . .	A5339
Neff Press Inc. . . . .	A5314
Pacesetter Systems . . . . .	A5105
Pacific Press Technologies . . . . .	A3896
Sangiacomo Presses Americas LLC . . . . .	A5209
<b>Stamtec Inc.</b> . . . . .	<b>A5431</b>

## PRESSES - HYDROFORMING (SHEET)/ELASTOFORMING/RUBBER PAD

Beckwood Press Co . . . . .	A5448
Enprotech Industrial Technologies . . . . .	A5267
FluidForming Americas . . . . .	A5152
Nantong Yutung Industrial Co Ltd . . . . .	C40820
Quintus Technologies AB . . . . .	A5656
Schuler Incorporated . . . . .	A5031

## PRESSES - MECHANICAL (GAP/C FRAME)

AIDA-America Corp. . . . .	A5425, A5624
Alma Machinery Co. . . . .	A5237
Hwail Press Co Ltd . . . . .	C41840
<b>KAASST Machine Tools Inc.</b> . . . . .	<b>A2677</b>
Komatsu America Industries LLC. . . . .	A5231
Nidec Minster Corp. . . . .	A5706
Ningbo Goanwin Machinery Manufacturing Co Ltd . . . . .	A4952
Perfection Global LLC . . . . .	A2911
SEYI America Inc. . . . .	A5225
<b>Stamtec Inc.</b> . . . . .	<b>A5431</b>
Sutherland Presses . . . . .	A5214

## PRESSES - MECHANICAL (SERVO-DRIVE)

AIDA-America Corp. . . . .	A5425, A5624
Dees Hydraulic Industrial Co Ltd . . . . .	C41828
Eagle Press & Equipment Co Ltd. . . . .	A5418
Komatsu America Industries LLC. . . . .	A5231
Nidec Minster Corp. . . . .	A5706
Schuler Incorporated . . . . .	A5031
SEYI America Inc. . . . .	A5225
<b>Stamtec Inc.</b> . . . . .	<b>A5431</b>
Yih Shen Machinery Co. Ltd (YSM) . . . . .	A5889

## PRESSES - MECHANICAL (STRAIGHT SIDE)

AIDA-America Corp. . . . .	A5425, A5624
Alma Machinery Co. . . . .	A5237
ART Metals Group . . . . .	A5008
<b>Bradbury Metal Tile Roofing Solutions</b> . . . . .	<b>A4275</b>
Brown Boggs Machine Co. . . . .	A5009
Eagle Press & Equipment Co Ltd. . . . .	A5418
Enprotech Industrial Technologies . . . . .	A5267
GERB Vibration Control Systems . . . . .	A4972
Hwail Press Co Ltd . . . . .	C41840
Komatsu America Industries LLC. . . . .	A5231
Metform International Ltd . . . . .	A3297
Moss International Srl . . . . .	A3789
Nidec Minster Corp . . . . .	A5706

## Ningbo Goanwin Machinery

Manufacturing Co Ltd . . . . .	A4952
Pacesetter Systems . . . . .	A5105
Perfection Global LLC . . . . .	A2911
SEYI America Inc. . . . .	A5225
<b>Stamtec Inc.</b> . . . . .	<b>A5431</b>
Sutherland Presses . . . . .	A5214
Yih Shen Machinery Co. Ltd (YSM) . . . . .	A5889

## PRESSES - PNEUMATIC

BTM Company LLC . . . . .	B21108
<b>Dake Corporation</b> . . . . .	<b>A4492</b>
Ningbo Goanwin Machinery Manufacturing Co Ltd . . . . .	A4952

## PRESSES - PUNCH (SINGLE STATION)

Baykal Makine A.S. . . . .	A2655
Betenbender Manufacturing Inc . . . . .	A1004
<b>Boschert Precision Machinery Inc.</b> . . . . .	<b>A2267</b>
BTM Company LLC . . . . .	B21108
CTD Machines . . . . .	C40915
<b>Dake Corporation</b> . . . . .	<b>A4492</b>
GERB Vibration Control Systems . . . . .	A4972
Haeger Inc . . . . .	A2707
Kalamazoo Metal Muncher . . . . .	A3052
<b>Marion Die &amp; Fixture Inc.</b> . . . . .	<b>A4275</b>
Marvel Manufacturing Co . . . . .	A2850
<b>MegaFab</b> . . . . .	<b>A3840</b>
Pivatic . . . . .	A3280
<b>Stamtec Inc.</b> . . . . .	<b>A5431</b>
Trilogy Machinery Inc . . . . .	A4848
Ursviken Inc . . . . .	A3280

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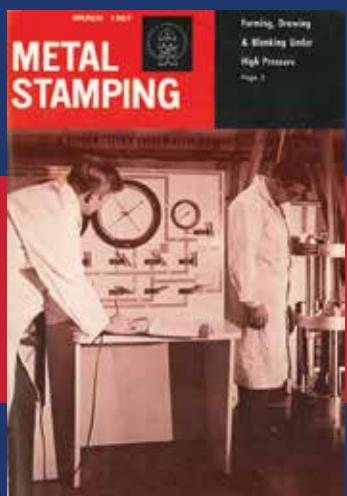
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<b>Macrodyne Technologies Inc.</b> . . . . .	<b>A5063</b>
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AIDA-America Corp.	.A5425, A5624
AP&T North America Inc	.A5639
<b>Automated Tapping Systems</b>	.A5255
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Linear Transfer Automation Inc	.A5416
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Moss International Srl	.A3789
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<b>Stamtec Inc</b>	.A5431
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**PRESSURE REGULATORS/VALVES/  
FLOW METERS (FLUID)**

Goss Inc	.B33025
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**PRESSURE REGULATORS/VALVES/  
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Airgas Inc	.B27013
CONCOA Inc	.A3248
<b>ESAB Welding &amp; Cutting Products</b>	.B17074
Flame Technologies Inc	.B32010
Kayo Products Co Ltd	.B37032
Ningbo Qisheng Welding Tools Plant	.B30103
Ningbo Starex Welding & Cutting Tech Technologies	.B28098
Selas Heat Technology	.A6425
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BCI Surface Technologies	
Bulk Chemicals Inc	.A5848
Calvary Industries Inc	.A6412
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B&O Saws Incorporated	.C41010
<b>Brobo / Ken Bergman &amp; Associates</b>	.A4453
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<b>Cincinnati Inc</b>	.A4014, B70
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Italmac USA Inc	.C40144
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Victory CNC Plasma Systems	.B35073
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**PROXIMITY SWITCHES**

Balluff Inc	.A5405
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AWS Professional Welders Competition	.B33109, B32110
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<b>Industrial Machinery Digest</b>	.A5378
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**PUMPS - FINISHING**

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Durr Systems Inc	.A6284
Filtermedia SRL	.A6558
Gema USA Inc	.A6243
Graco Inc	.A6240
<b>Nordson Corp</b>	.A6224
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Pivatic	.A3280
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**PUNCHING - COIL FED CNC**

ASC Machine Tools Inc	.A4957
Dimeco Coil Technologies Inc	.A3591
Modern Manufacturing Technologies Intl	.A2867
Pivatic	.A3280

**PUNCHING - PUNCH-LASER  
COMBINATION**

Amada America Inc	.A1802
Boschert Precision Machinery Inc	.A2267
Dimeco Coil Technologies Inc	.A3591
Murata Machinery USA Inc	.A4240
TRUMPF Inc	.A2601, B103, B11013

**PUNCHING - PUNCH-PLASMA  
COMBINATION**

Ajan Elektronik Servis Sanayi Ve Ticaret Ltd St	.A2674
Boschert Precision Machinery Inc	.A2267
Ficep Corporation	.A2667
MegaFab	.A3840
Murata Machinery USA Inc	.A4240
Peddinghaus Corp.	.A1845
Piranha	.A3840
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**PURGE PAPER, TAPES**

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Aquasol Corp . . . . .	B25061
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ATI Industrial Automation . . . . .	B15042
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United Machine Corp . . . . .	A5087
Voortman Corporation . . . . .	A1861

**RESEARCH & DEVELOPMENT SERVICES**

Focus Technology Co Ltd . . . . .	C41008
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**ROBOTIC EQUIPMENT - ASSEMBLY**

ALM Positioners Inc . . . . .	B15049
ARC Specialties Inc . . . . .	B35047
ATI Industrial Automation . . . . .	B15042

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Sage Automation Inc . . . . .	B18087

Taylor-Winfield Technologies Inc . . . . .	B32042
THK America Inc . . . . .	A1009
Universal Robots USA Inc . . . . .	B25094

Wauseon Machine & Manufacturing Inc . . . . .	B15018
Yaskawa America Inc . . . . .	B17020
York Portable Machine Tools . . . . .	B25068

**ROBOTIC EQUIPMENT - CUTTING**

AGT Robotics . . . . .	B27068
AKS Cutting Systems Inc . . . . .	A4818
ARC Specialties Inc . . . . .	B35047

ATI Industrial Automation . . . . .	B15042
Burnco Prodevco Robotic Solutions . . . . .	A4289
Dynatorch Inc . . . . .	B15066

EnergynTech Inc . . . . .	C41230
Ficep Corporation . . . . .	A2667
igm Robotic Systems Inc . . . . .	B19061

KMT Waterjet Systems Inc . . . . .	A3884
Lincoln Electric Co . . . . .	A1851
Machitech Inc . . . . .	B27013

Matsumoto US Technologies Inc . . . . .	B25087
MultiCam Inc . . . . .	A2841
Mundt & Associates Inc . . . . .	C40838

Robotmaster . . . . .	B17013
Steelmax Tools . . . . .	B29066
STUAA Automation (Qingdao) Co Ltd . . . . .	C41217

Yaskawa America Inc . . . . .	B17020
Zund America Inc . . . . .	A3013

**ROBOTIC EQUIPMENT - DEBURRING/GRINDING/POLISHING**

AGT Robotics . . . . .	B27068
ARC Specialties Inc . . . . .	B35047
ATI Industrial Automation . . . . .	B15042

Crum Manufacturing Inc . . . . .	B14071
Electron Beam Technologies Inc . . . . .	B34037
FANUC America Corp . . . . .	A6563

Kyntronics . . . . .	C40926
Lillbacka USA . . . . .	B15013
Piab Inc . . . . .	C41730

Preston-Eastin Inc . . . . .	B32037
Ready Robotics . . . . .	B17103
Rite Hite Machine Guarding . . . . .	B31064

DCM Tech Inc . . . . .	A2913
Norton I Saint-Gobain . . . . .	B33035
Robotic Automation . . . . .	B37000

Robotmaster . . . . .	B17013
Universal Robots USA Inc . . . . .	B25094
Wheelabrator (Norican Group) . . . . .	A3027

Yaskawa America Inc . . . . .	B17020
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**ROBOTIC EQUIPMENT - FINISHING**

ARC Specialties Inc . . . . .	B35047
ATI Industrial Automation . . . . .	B15042
DCM Tech Inc . . . . .	A2913

Durr Systems Inc . . . . .	A6284
IntelliFinishing . . . . .	A6152
Robotmaster . . . . .	B17013

Sames Kremlin . . . . .	A6259
System Technologies . . . . .	A6255
Universal Robots USA Inc . . . . .	B25094

Venjakob North America Inc / Nutro Inc . . . . .	A6484
Yaskawa America Inc . . . . .	B17020

**ROBOTIC EQUIPMENT - LASER VISION**

Abicor Binzel . . . . .	B19045
Accurex Measurement Inc . . . . .	B10037
Crum Manufacturing Inc . . . . .	B14071

igm Robotic Systems Inc . . . . .	B19061
JR Automation Technologies . . . . .	B15054
Servo-Robot Inc . . . . .	B32034

SICK Inc . . . . .	A3284
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**ROBOTIC EQUIPMENT - MATERIAL HANDLING/TENDING**

ALM Positioners Inc . . . . .	B15049
Alma CAM USA LLC . . . . .	A2925
ARC Specialties Inc . . . . .	B35047

ASTES4 SA . . . . .	A1035
ATI Industrial Automation . . . . .	B15042
Atlas Technologies . . . . .	A5460

Bosch Rexroth Corp . . . . .	A2807
Bystronic Inc . . . . .	A1819
Crum Manufacturing Inc . . . . .	B14071

Electron Beam Technologies Inc . . . . .	B34037
FANUC America Corp . . . . .	A6563
Kyntronics . . . . .	C40926

Lillbacka USA . . . . .	B15013



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**ROBOTIC EQUIPMENT - MATERIAL HANDLING/TENDING**

Robotic Automation	.B37000
<b>Robotmaster</b>	<b>.B17013</b>
Sage Automation Inc.	.B18087
<b>Salvagnini America Inc</b>	<b>.A1838</b>
Universal Robots Usa Inc.	.B25094
Venjakob North America Inc / Nutro Inc.	.A6484
Walker Magnetics	.A4421
<b>Yaskawa America Inc</b>	<b>.B17020</b>
YLM USA Inc.	.B15004

**ROBOTIC EQUIPMENT - PAINTING/FINISHING**

BlastOne	.A6276
<b>Carlisle Fluid Technologies</b>	<b>.A6216</b>
DMC Metal Finishing	.A4095
<b>Nordson Corp</b>	<b>.A6224</b>
Preston-Eastin Inc.	.B32037
<b>Robotmaster</b>	<b>.B17013</b>
Sames Kremlin	.A6259
Thierica Equipment Corp.	.A6179
Yaskawa America Inc	.B17020

**ROBOTIC EQUIPMENT - ROBOT TOOLING/GRIPPERS**

American Weldquip Inc	.B15074
<b>ATI Industrial Automation</b>	<b>.B15042</b>
Createch Machine and Design	.C41026
Hiwin Corporation	.A1461
<b>Magswitch Technology Inc</b>	<b>.B33041</b>
Multi-Contact USA	.B27083
<b>Piab Inc</b>	<b>.C41730</b>
Ready Robotics	.B17103
Robotic Automation	.B37000
<b>Robotmaster</b>	<b>.B17013</b>
SafanDarley BV	.A2638
STUAA Automation (Qingdao) Co Ltd	.C41217
THK America Inc	.A1009
Wila USA	.A2838

**ROBOTIC EQUIPMENT - WELDING (ARC)**

<b>Abicor Binzel</b>	<b>.B19045</b>
AGT Robotics	.B27068
<b>ALM Positioners Inc</b>	<b>.B15049</b>
American Torch Tip Co Inc.	.B35030
American Weldquip Inc	.B15074
<b>Arc Machines Inc</b>	<b>.B29047</b>
<b>ARC Specialties Inc</b>	<b>.B35047</b>
Automation International Inc	.B23104
Bore Repair Systems Inc.	.C41501
Dinse Inc	.B18046
EnergynTech Inc	.C41230
FANUC America Corp.	.A6563
<b>Güdel, Inc.</b>	<b>.B35044</b>
Ideal Welding Systems LP	.B21094
igm Robotic Systems Inc.	.B19061

**JR Automation Technologies . . . . .**

KUKA Robotics Corporation	.B23055
Liburdi Automation Inc	.B37013
<b>Lincoln Electric Co</b>	<b>.B19021</b>
Matsumoto US Technologies Inc	.B25087
NRT Equipment Sales	.C40539
Pador Marketing Group	.B31087
Pemamek Oy Ltd	.B21098
<b>Praxair Inc</b>	<b>.B23049</b>
Preston-Eastin Inc.	.B32037
Rite Hite Machine Guarding	.B31064
Robotic Automation	.B37000
<b>Robotmaster</b>	<b>.B17013</b>
Servo-Robot Inc	.B32034
Shandong Aotai Electric Co Ltd	.B23099
Shenzhen Huayilong Electric Co Ltd	.B31108
STUAA Automation (Qingdao) Co Ltd	.C41217
Sumig Usa Corp	.B35059
Team Industries Inc.	.B18033
Universal Robots Usa Inc.	.B25094
Weld Systems Integrators Inc	.B33071
<b>Weldobot Technologies Inc</b>	<b>.C41236</b>
Wire Wizard Welding Products	.B35018
Yaskawa America Inc	.B17020

**ROBOTIC EQUIPMENT - WELDING (LASER)**

<b>Abicor Binzel</b>	<b>.B19045</b>
<b>ARC Specialties Inc</b>	<b>.B35047</b>
Automation International Inc	.B23104
Blackbird Robotics Inc	.B26067
<b>BOFA Americas Inc</b>	<b>.A3894</b>
Coldwater Machine Co	.A3274
Dinse Inc	.B18046
<b>Güdel, Inc.</b>	<b>.B35044</b>
Hans Laser Technology Industry Group Co Ltd	.A4878
<b>JR Automation Technologies</b>	<b>.B15054</b>
Laser Mechanisms Inc	.B18057
<b>Lasernet Inc</b>	<b>.B33101</b>
Matsumoto US Technologies Inc	.B25087
Mundt & Associates Inc.	.C40838
Ophir Spiricon LLC	.C40912
OR Lasertechology Inc	.B106, B35037
<b>Preco Inc</b>	<b>.B28105</b>
TRUMPF Inc	.A2601, B103, B11013

**ROBOTIC EQUIPMENT - WELDING (RESISTANCE)**

<b>Abicor Binzel</b>	<b>.B19045</b>
<b>ARC Specialties Inc</b>	<b>.B35047</b>
CMP Automation	.B18083
Coldwater Machine Co	.A3274
<b>Güdel, Inc.</b>	<b>.B35044</b>
Ideal Welding Systems LP	.B21094
<b>JR Automation Technologies</b>	<b>.B15054</b>
Matuschek Welding Products Inc	.B33085
NRT Equipment Sales	.C40539
<b>Robotmaster</b>	<b>.B17013</b>

**RoMan Manufacturing Inc . . . . .**

RWMA - Resistance Welding Manufacturing Alliance	.C41540
Seedorff Acme Corp	.B25110
Weld Systems Integrators Inc	.B33071

**ROLL BENDERS**

AMPCO Metal Inc	.B18098
<b>Boschert Precision Machinery Inc</b>	<b>.A2267</b>
C Marshall Fabrication Machinery Inc	.A4450
Carell Corporation	.A4873
<b>COLE-TUVE Inc</b>	<b>.A3875</b>
COMEQ Inc	.A3514
D.I. Wire / Pensa Labs	.C41028
DAVI Inc	.A3850
<b>Eagle Bending Machines Inc</b>	<b>.A4873</b>
Faccin USA Inc	.A4248
HAEUSLER AG Duggingen	.A2856
J&S Machine Inc.	.B15004
<b>KNUTH Machine Tools USA Inc</b>	<b>.A2874</b>
Meccanica Rossi USA Corp	.A5414
Roper Whitney	.A4888
<b>ROUNDO</b>	<b>.A4248</b>
Trilogy Machinery Inc	.A4848

**ROLL FORMED METAL SHAPES**

Diamond Wire Spring	.C41120
Heraeus Electronics	.A4953
Metal Supermarkets Service Company Inc	.A4954
Minth	.C40222
NBM Metals	.C41110
REA Magnet Wire	.C40116
Roller Die + Forming Co	.A5291
Samson Roll Formed Products Co	.C40816
SST Forming Roll Inc	.B12082
Taiwan Linkigi Metal Co Ltd	.C41929
<b>United Wire Co Inc</b>	<b>.A5786</b>
Welser Profile GmbH	.C41117

**ROLL FORMING MACHINES**

1960 Seravesi SRL	.C40340
<b>AKYAPAK ULUSLARARASÍ DÍS TÍCARET MAK. SAN. VE TÍC A.S.</b>	<b>.A1867</b>
ASC Machine Tools Inc	.A4957
ASMAG USA Inc	.B10022
Beck Automation	.A4275
Bradbury Co Inc	.A4275
Bradbury Group Australia	.A4275
Bradbury Group, The	.A4275
Bradbury Metal Tile Roofing Solutions	.A4275
C Marshall Fabrication Machinery Inc	.A4450
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Formtek Inc . . . . .	A3002
Gasparini SpA. . . . .	A4377
Gauer Metal Products Inc . . . . .	C40333
<b>Hayes International . . . . .</b>	<b>A4275</b>
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<b>MegaFab . . . . .</b>	<b>A3840</b>
Metform International Ltd . . . . .	A3297
<b>Modern Manufacturing Technologies Intl . . . . .</b>	<b>A2867</b>
Moss International Srl. . . . .	A3789
Nantong Reliant. . . . .	A3026
Plasti-Contenedores S DE RL MI . . . . .	C40916
Rafter Equipment Corp . . . . .	B19091
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Unison LTD . . . . .	B11044
<b>Universal Tube &amp; Rollform Equipment Corp . . . . .</b>	<b>B10057</b>
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Industrial Molded Rubber Products . . . . .	A2933
New Fire Co Ltd . . . . .	C41326
<b>RUST INHIBITORS - FINISHING</b>	
Baril Coatings USA . . . . .	A5821
BCI Surface Technologies	
Bulk Chemicals Inc . . . . .	A5848
Calvary Industries Inc . . . . .	A6412
Carbit Paint Co . . . . .	A6436
ChemQuest Inc . . . . .	A6237
Coral Chemical Co . . . . .	A6231
Daubert Cromwell. . . . .	A4917
DST Chemicals Inc . . . . .	A6387
<b>Fluoramics Inc . . . . .</b>	<b>C41601</b>
<b>Houghton International Inc . . . . .</b>	<b>A6581</b>
Hubbard-Hall Inc. . . . .	A6527
International Chemical Co. . . . .	A5617
Kyzen Corporation. . . . .	A5818
Metalloid Corp . . . . .	A5084, B10023
<b>Quaker Chemical Corporation . . . . .</b>	<b>A5740</b>
Sculpt Nouveau . . . . .	A5979
<b>Tower Metalworking Fluids . . . . .</b>	<b>A5435</b>
Vogel Industrial Coatings. . . . .	A5943
Zerust Corrosion Solutions . . . . .	C41721
Zormot International Inc . . . . .	B20103

**RUST REMOVERS - FINISHING**

BCI Surface Technologies	
Bulk Chemicals Inc . . . . .	A5848
Bradford Derustit Corp . . . . .	B35000
Coral Chemical Co . . . . .	A6231
<b>CS Unitec Inc . . . . .</b>	<b>B33061</b>
Daubert Cromwell. . . . .	A4917
DST Chemicals Inc . . . . .	A6387
<b>Ensitech Inc . . . . .</b>	<b>B33069</b>
Henkel Corp . . . . .	A6319
<b>Houghton International Inc . . . . .</b>	<b>A6581</b>
Hubbard-Hall Inc. . . . .	A6527
International Chemical Co. . . . .	A5617
Maxphotonics Co Ltd . . . . .	C40638
Metal Science Technologies Pty Ltd . . . . .	B37009
<b>Tower Metalworking Fluids . . . . .</b>	<b>A5435</b>
VULKAN Blast Shot . . . . .	A5941
<b>Wheelabrator (Norican Group) . . . . .</b>	<b>A3027</b>
Zerust Corrosion Solutions . . . . .	C41721

**SAFETY FLOOR MATTING**

<b>Fiessler Elektronik GmbH &amp; Co . . . . .</b>	<b>A2988</b>
ISB . . . . .	A3269
Press Brake Safety . . . . .	A2988
<b>Rockford Systems LLC . . . . .</b>	<b>A5386</b>
Tri-Chem Corp . . . . .	C40704

**SAFETY/GUARDING APPAREL**

3M . . . . .	B31054
<b>Airgas Inc . . . . .</b>	<b>B27013</b>
Bob Dale Gloves & Import US Inc . . . . .	B20098
<b>Fiessler Elektronik GmbH &amp; Co . . . . .</b>	<b>A2988</b>
GENTEX Corp. . . . .	B24085
Graphic Products . . . . .	A6516
John Tillman Co . . . . .	B33032
<b>KLINGSPOR Abrasives Inc . . . . .</b>	<b>B34064</b>
Laservision . . . . .	A3125
MCR Safety. . . . .	B25107
Rasco FR . . . . .	B27067
Sellstrom Manufacturing Co . . . . .	B31006
Steiner Industries . . . . .	B33046
Techflex Inc . . . . .	A3193
West Chester Protective Gear . . . . .	B35049
Winnox Industries Ltd. . . . .	B30091
Wuzhou Ally Protect Co Ltd . . . . .	B31098

**SAFETY/GUARDING EQUIPMENT/LOCKOUTS**

AVS Industries LLC . . . . .	B36061
Axelent Inc . . . . .	B31070
Bosch Rexroth Corp . . . . .	A2807
<b>Dynatect Manufacturing Inc . . . . .</b>	<b>A3209</b>
<b>Fiessler Elektronik GmbH &amp; Co . . . . .</b>	<b>A2988</b>
FireIce Solutions LLC . . . . .	B22084
<b>Goizper Group . . . . .</b>	<b>A5475</b>
Graphic Products . . . . .	A6516
Husky Rack & Wire . . . . .	A4989
ISB . . . . .	A3269
Kentek Corp Laser Safety Div . . . . .	A3295

<b>Lasermet Inc. . . . .</b>	<b>B33101</b>
Laservision . . . . .	A3125
Lazer Safe Pty Ltd. . . . .	A3109
Pax Products Inc. . . . .	A5220
Press Brake Safety . . . . .	A2988
Rite Hite Machine Guarding. . . . .	B31064
<b>Rockford Systems LLC . . . . .</b>	<b>A5386</b>
SICK Inc . . . . .	A3284
Steel King Industries Inc . . . . .	A5371
SUNS International LLC. . . . .	A3087
Torque Technologies Inc . . . . .	A5475

**SAWS**

Advanced Machine & Engineering. . . . .	A3792
Alfra USA LLC . . . . .	C40907
Allstate Saws & Machining LLC. . . . .	C41119
Alpine Bender Machinery . . . . .	B11041
ARNTZ Inc. . . . .	A1209
AXXAIR USA . . . . .	B17082
B&O Saws Incorporated . . . . .	C41010
Behringer Saws Inc. . . . .	A4206
BLM GROUP USA Corp . . . . .	B11010
<b>Brobo / Ken Bergman &amp; Associates . . . . .</b>	<b>A4453</b>
Cosen Saws . . . . .	A4455
<b>CS Unitec Inc . . . . .</b>	<b>B33061</b>
CTD Machines . . . . .	C40915
Daito USA Inc . . . . .	A1262
<b>Dake Corporation . . . . .</b>	<b>A4492</b>
Disston Tools . . . . .	A3196
Diversified Transportation Services . . . . .	C40219
<b>DoALL Sawing Products . . . . .</b>	<b>A1202</b>
Doringer Cold Saws . . . . .	C41104
Duck Myung Co. Ltd. . . . .	B15092
<b>E. H. Wachs. . . . .</b>	<b>B17037</b>
Elumatec North America Inc . . . . .	A2826
Emmegi USA Inc. . . . .	A2684
Enutron Industrial Corp. . . . .	A3045
ESCO Tool Co . . . . .	A3131
Euroboor USA . . . . .	B13087
Fein Power Tools Inc . . . . .	B33058
<b>Haas Saw &amp; Supply. . . . .</b>	<b>A4212</b>
Haberle / Ken Bergman & Associates . . . . .	A4453
HEM Inc . . . . .	A4425
Hyd-Mech Group Ltd. . . . .	A4801
Italmac USA Inc . . . . .	C40144
<b>KAAST Machine Tools Inc . . . . .</b>	<b>A2677</b>
Kar Metal San Ve Tic LTD STI. . . . .	A1012
Kasto Inc . . . . .	A4807
Kent Corp . . . . .	B14025
Kinkelder USA. . . . .	B10034
Klingelhofer Corp . . . . .	A2859
<b>KNUTH Machine Tools USA Inc . . . . .</b>	<b>A2874</b>
LENOX®. . . . .	A3080
<b>Lillbacka USA . . . . .</b>	<b>B15013</b>
Marvel Manufacturing Co . . . . .	A2850
MetalMizer . . . . .	A5189
Metlsaw Systems Inc . . . . .	A3186
Michigan Pneumatic Tool Inc. . . . .	B21100

**SAWS**

Motoyuki Co. Ltd.	C41409
Ocean Machinery Inc	A4867
Orbitalum	B17037
Pat Mooney Saws	A3579
Peddinghaus Corp.	A1845
Piranha	A3840
Rattunde Corporation	B10032
RIDGID	B35066
Schelling America Inc	C40742
Scotchman Industries Inc	A4217
Starrett Company	A3892, A5384
Steelmax Tools	B29066
Tenyru America Inc	B10004
The M.K. Morse Company	A4284
TigerStop LLC	C40936
Top Cat Air Tools	B34047
Tru-Cut Saw Inc	B10028
Voortman Corporation	A1861

**SCHOOLS - COLLEGE & UNIVERSITY  
(2 & 4 YEAR)**

American Welding Society	C41336
American Welding Society Bookstore	C41234
AWS Professional Welders Competition	B33109, B32110
Ferris State University	C41530
Nederman LLC	B17049

**SCHOOLS - VOCATIONAL & TECHNICAL**

American Welding Society	C41336
American Welding Society Bookstore	C41234
AWS Professional Welders Competition	B33109, B32110
Hobart Institute of Welding Technology	B18032
Nederman LLC	B17049
SMART Sheet Metal Air Rail and Transportation Workers Union	B12092
Welder Training & Testing Institute	C41533
Workshops For Warriors	A1109

**SCRAP BUYING SPECIALIST**

NGK Metals Corp	A5056
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**SCRAP CHOPPING & HANDLING EQUIPMENT**

ASKO Inc	A2923
Butech Bliss	A3263
MPI Magnetic Products Inc	A4941
Red Bud Industries	A4467
RUF Briquetting Systems	A4970

**SCRAP METAL RECYCLING SERVICES**

Mayfran International Inc	A5045
Nucor Buildings Group	A3175

**SEAMING MACHINES**

MITUSA Inc	C41440
Pandjiris Inc	B16006
RAS Systems LLC	A4831

**SENSORS / TRANSDUCERS**

ATI Industrial Automation	B15042
Balluff Inc	A5405
Intercomp	A5472
Toledo Integrated Systems	A5138
TURCK Inc	A5012, B20090

**SERVICE/REPAIR & PARTS**

Benteler Maschinenbau GmbH	A5660
Blast Cleaning Technologies	A6427
Bosch Rexroth Corp	A2807
Brown Boggs Machine Co	A5009
COE Press Equipment Corporation	A5412, A5621
Edge Manufacturing Inc	C41209
Fromm Packaging Systems	B12087
Güdel, Inc.	B35044
Hydraulico as	A5669
Mayfran International Inc	A5045
Murata Machinery USA Inc	A4240
O'Brien Lifting Solutions Inc	C41812
PDS Bartech Inc	B31103
Tube Form Solutions	B11034
United Machine Corp	A5087
Weldcoa	B32006
Wheelabrator (Norican Group)	A3027
Yaskawa America Inc	B17020

**SHEARS**

American Cutting Edge	A3289
Anhui Huatian Mechanic Co Ltd	C40833
ASKO Inc	A2923
Baykal Makine A.S.	A2655
Betenbender Manufacturing Inc	A1004
Boschert Precision Machinery Inc	A2267
Burghardt + Schmidt Group	A4287
Butech Bliss	A3263
CIDAN Machinery Inc	A3574
Cincinnati Inc	A4014
COMEQ Inc	A3514
Cowles Tool Co	A2810
DeeTee Industries Ltd	B15097
Disma Metalmeccanica	A4257
Enutron Industrial Corp	A3045
Fascut Industries	A3226
GINGRAS/Machinerie G A S	A3259
Hayes International	A4275
KAAST Machine Tools Inc	A2677
KNUTH Machine Tools USA Inc	A2874
Manufacturing Solutions	A3123

Manufacturing Solutions Industries Inc	B19097
MegaFab	A3840
MVD Makina Sanayil A.S.	A1873

Nantong Yutung Industrial Co Ltd . . . . . C40820

RAS Systems LLC . . . . . A4831

Roper Whitney . . . . . A4888

SafanDarley BV . . . . . A2638

SES Salico Finishing and Processing LLC . . . . . C41128

Thermatool Corp. . . . . B15000

Ursviken Inc . . . . . A3280

US Industrial Machinery Co. . . . . A4431

Yangli Group Co Ltd . . . . . A5644

**SHIPPING CONTAINERS & ACCESSORIES**

American Manufacturing Inc	.A5070
Box On Demand	.A4080
Diversified Transportation Services	.C40219
Packsize International LLC	.A1256
Steel King Industries Inc	.A5371

**SHIPPING/TRANSPORTATION SERVICES**

Advanced Machine & Engineering	.A3792
Box On Demand	.A4080
Daubert Cromwell	.A4917
Lee Contracting Inc	.A5648
Marine Services International Inc	.C41635
Zerust Corrosion Solutions	.C41721

**SHOP LIGHTING**

LDPI Inc	.A6336
Service Lamp Corp	.A4214

**SHOTBLASTING MACHINES**

Blast Cleaning Technologies	.A6427
BlastOne	.A6276
Clemco Industries Corp.	.A6463
Goff Inc.	.A5753
Imperial Systems Inc	.B15061
IST International Surface Technologies	.A6007
NorthStar Products	.A6580
Pangborn Group	.A4438
Peddinghaus Corp.	.A1845
SciTeeX Group	.A6459
Sinto Surface Treatment	.A4486
Sugar Steel Corp.	.A3033
Transmet Corp	.A6378
Viking Blast & Wash Systems	.A5687
Voortman Corporation	.A1861
W Abrasives	.A6318
Wheelabrator (Norican Group)	.A3027

**SITE SELECTION SERVICES**

Black Hills Energy	.C40805
Nebraska Public Power District	.A3190
Oncor	.A3104
Right Corner	.C41240

## SLIDE FORMING & SPRING MACHINES

Bihler of America Inc.	A5253
Numalliance Inc	B17085
OMCG Inc	B11074
Stanley Spring & Stamping Corp.	C41818

## SLUDGE HANDLING EQUIPMENT - FINISHING

DMP Corporation	A6555
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## SMUT REMOVERS

International Chemical Co.	A5617
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## SOFTWARE - ACCOUNTING/JOB COSTING

Epicor Software Corp	C40905
ExhibitForce	C40337
Fujitsu Glovia Inc	A3155
Genius Solutions	A3138
Hypertherm CAM	A3231
Jobscope ERP	A3111
MIE Solutions Inc	C40627
SYSPRO USA	C40927
Tradesoft Inc.	C40940
Trendex Inc.	B27071
WorkWise Software	A5471
xTuple — Open Source ERP+CRM + Web Portal	C40737

## SOFTWARE - CAD/CAM

Alma CAM USA LLC	A2925
Amada America Inc.	A1802
Autodesk Inc.	A3219
AutoForm Engineering USA Inc	A5018
AVEVA Inc	A2961
Bend Tech.	B19094

## Bystronic Inc.

CENIT North America Inc. . . . . C41512

Current Tech. . . . . B10007

data M Sheet Metal Solutions GmbH . . A3255

Emmegi USA Inc. . . . . A2684

FlashCut CNC . . . . . A2823

Forming Technologies Inc . . . . . A4915

Hypertherm CAM . . . . . A3231

Hypertherm Inc. . . . . A3525, A3531, B17013

JETCAM-NestONE Solutions . . . . . A3205

Lantek Sheet Metal Solutions . . . . . A2906

Mazak Optonics Corp . . . . . A4001

Messer Cutting Systems . . . . . A4860

Metalix CAD/CAM Ltd . . . . . A2954

MetaMation Inc. . . . . A3015

Modern Manufacturing Technologies Intl. . . . . A2867

MultiCam Inc . . . . . A2841

NUM CNC and Automation Solutions . . A3794

Park Industries . . . . . A4088

Peddinghaus Corp. . . . . A1845

PEP Technology . . . . . C40323

Radan . . . . . A3202

Robotmaster. . . . . B17013

SDS/2. . . . . A2973

ShopData Systems Inc . . . . . A1142

SigmaTEK Systems LLC . . . . . A4442

Striker Systems . . . . . A3267

Trimble Solutions USA Inc. . . . . A2959

TRUMPF Inc . . . . . A2601, B103, B11013

Verisurf Software Inc. . . . . C40719

Virtek Vision International . . . . . A4474

Voortman Corporation . . . . . A1861

## SOFTWARE - CLOUD FORMATTING FOR MACHINE DATA TRACKING

Autodesk Inc. . . . . A3219

Cosen Saws . . . . . A4455

ESAB Welding & Cutting Products . . B17074

FreePoint Technologies Inc . . . . . C41009

The Aquila Group Inc. . . . . A3205

Tribogenics Inc . . . . . C40923

## SOFTWARE - COST ESTIMATING

Accurate Die Design Software Inc./ Logopress3. . . . . A5316

Alma CAM USA LLC . . . . . A2925

AutoForm Engineering USA Inc . . . . . A5018

AVEVA Inc. . . . . A2961

Bystronic Inc. . . . . A1819

Epicor Software Corp . . . . . C40905

ETA Dynaform. . . . . A5208

ExhibitForce . . . . . C40337

Forming Technologies Inc . . . . . A4915

Hypertherm CAM . . . . . A3231

Hypertherm Inc. . . . . A3525, A3531, B17013

Jobscope ERP. . . . . A3111

KeyedIn Solutions . . . . . C40344

Lantek Sheet Metal Solutions . . . . . A2906

Logopress3/Accurate Die Design Software Inc. . . . . A5316

Metalix CAD/CAM Ltd . . . . . A2954

MIE Solutions Inc . . . . . C40627

PEP Technology . . . . . C40323

Radan . . . . . A3202

Shoptech . . . . . A4413

SigmaTEK Systems LLC . . . . . A4442

STRUMIS LLC . . . . . A2981

Tradesoft Inc. . . . . C40940

Trimble Solutions USA Inc. . . . . A2959

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## **SOFTWARE - CRM (CUSTOMER RELATIONSHIP MANAGEMENT)**

Epicor Software Corp . . . . .	C40905
Genius Solutions . . . . .	A3138
Lantek Sheet Metal Solutions . . . . .	A2906
SigmaTEK Systems LLC . . . . .	A4442
WorkWise Software . . . . .	A5471
xTuple — Open Source ERP+CRM + Web Portal . . . . .	C40737

## **SOFTWARE - DOCUMENT CONTROL**

AVEVA Inc . . . . .	A2961
CEI . . . . .	B33073
FabSuite LLC . . . . .	A2990
IMCO Associates Inc . . . . .	C40523
Lantek Sheet Metal Solutions . . . . .	A2906
MIE Solutions Inc . . . . .	C40627
SigmaTEK Systems LLC . . . . .	A4442
Tradesoft Inc . . . . .	C40940

## **SOFTWARE - ERP (ENTERPRISE RESOURCE PLANNING)**

Alma CAM USA LLC . . . . .	A2925
AXOOM GmbH . . . . .	A2811
Epicor Software Corp . . . . .	C40905
ExhibitForce . . . . .	C40337
Fujitsu Glovia Inc . . . . .	A3155
Genius Solutions . . . . .	A3138
Global Shop Solutions . . . . .	A3177
infoBoard USA LLC . . . . .	C41419
IQMS . . . . .	C40830
Jobscope ERP . . . . .	A3111
KeyedIn Solutions . . . . .	C40344
Lantek Sheet Metal Solutions . . . . .	A2906
MIE Solutions Inc . . . . .	C40627
OmegaCube Technologies . . . . .	C40735
Plex Systems . . . . .	A5420
ShopEdge Software Inc . . . . .	A5318
Shoptech . . . . .	A4413
SigmaTEK Systems LLC . . . . .	A4442
STRUMIS LLC . . . . .	A2981
SYSPRO USA . . . . .	C40927
Tradesoft Inc . . . . .	C40940
Trendex Inc . . . . .	B27071
WorkWise Software . . . . .	A5471
xTuple — Open Source ERP+CRM + Web Portal . . . . .	C40737

## **SOFTWARE - FMS (FLEXIBLE MFG. SYSTEMS)**

Alma CAM USA LLC . . . . .	A2925
IMCO Associates Inc . . . . .	C40523
The Aquila Group Inc . . . . .	A3205

## **SOFTWARE - FOLDING/UNFOLDING**

Accurate Die Design Software Inc./ Logopress3 . . . . .	A5316
Alma CAM USA LLC . . . . .	A2925
Autodesk Inc . . . . .	A3219
Cincinnati Inc . . . . .	A4014, B70

Forming Technologies Inc . . . . . A4915

Logopress3/Accurate Die Design Software Inc. . . . . A5316

Messer Cutting Systems . . . . . A4860

Metalix CAD/CAM Ltd . . . . . A2954

MetaMation Inc. . . . . A3015

PEP Technology . . . . . C40323

RAS Systems LLC . . . . . A4831

SafanDarley BV . . . . . A2638

Salvagnini America Inc . . . . . A1838

Tradesoft Inc. . . . . C40940

Trendex Inc. . . . . B27071

VKS - Visual Knowledge Share . . . . . A5689

WorkWise Software . . . . . A5471

xTuple — Open Source ERP+CRM + Web Portal . . . . . C40737

## **SOFTWARE - LOAD MONITORS**

Fluke Corporation . . . . .	C40215
Helm Instrument Co Inc . . . . .	A5106

## **SOFTWARE - MACHINE DATA TRACKING (ACTIVITY, PRODUCTIVITY)**

AMS Controls Inc . . . . .	C41040
AXOOM GmbH . . . . .	A2811
Cosen Saws . . . . .	A4455
Epicor Software Corp . . . . .	C40905
Fluke Corporation . . . . .	C40215
IMCO Associates Inc . . . . .	C40523
IQMS . . . . .	C40830
Lincoln Electric Co . . . . .	B19021
MachineMetrics . . . . .	A5040
MetaMation Inc. . . . .	A3015
Paper-Less LLC . . . . .	A1140
Plex Systems . . . . .	A5420
ProMANAGE Smart Manufacturing Solutions . . . . .	C41639
ShopEdge Software Inc. . . . .	A5318
Southwestern Industries Inc . . . . .	A5076
The Aquila Group Inc. . . . .	A3205

## **SOFTWARE - MACHINE PRODUCTIVITY DATA TRACKING**

Amada America Inc. . . . .	A1802
AMS Controls Inc . . . . .	C41040
Bosch Rexroth Corp . . . . .	A2807
Cosen Saws . . . . .	A4455
Epicor Software Corp . . . . .	C40905
FreePoint Technologies Inc . . . . .	C41009
Global Shop Solutions . . . . .	A3177
Hypertherm CAM . . . . .	A3231
IMCO Associates Inc . . . . .	C40523
JETCAM-NestONE Solutions . . . . .	A3205
Lantek Sheet Metal Solutions . . . . .	A2906
MachineMetrics . . . . .	A5040
MetaMation Inc. . . . .	A3015
ProMANAGE Smart Manufacturing Solutions . . . . .	C41639
SigmaTEK Systems LLC . . . . .	A4442
The Aquila Group Inc. . . . .	A3205
VKS - Visual Knowledge Share . . . . .	A5689

## **SOFTWARE - NESTING/OPTIMIZATION**

Accurate Die Design Software Inc./ Logopress3 . . . . .	A5316
Alma CAM USA LLC . . . . .	A2925
Amada America Inc. . . . .	A1802
Autodesk Inc. . . . .	A3219

Beck Automation	A4275
Cincinnati Inc	A4014, B70
ESAB Welding & Cutting Products	B17074
ESI North America	A5178
ETA Dynaform	A5208
Ficep Corporation	A2667
Forming Technologies Inc	A4915
Hypertherm CAM	A3231
Hypertherm Inc	A3525, A3531, B17013
JETCAM-NestONE Solutions	A3205
Lantek Sheet Metal Solutions	A2906
Logopress3/Accurate Die Design Software Inc.	A5316
Messer Cutting Systems	A4860
Metalix CAD/CAM Ltd	A2954
MetaMation Inc	A3015
MIE Solutions Inc	C40627
Modern Manufacturing Technologies Intl	A2867
OmegaCube Technologies	C40735
PEP Technology	C40323
Radan	A3202
Salvagnini America Inc	A1838
SigmaTEK Systems LLC	A4442
Striker Systems	A3267
STRUMIS LLC	A2981
TECHNI Waterjet	A3562
TigerStop LLC	C40936
Voortman Corporation	A1861
<b>SOFTWARE - OEE</b>	
AMS Controls Inc	C41040
AXOOM GmbH	A2811
FreePoint Technologies Inc	C41009
IMCO Associates Inc	C40523
Kors Engineering Co Inc	C41022
OmegaCube Technologies	C40735
ProMANAGE Smart Manufacturing Solutions	C41639
ShopEdge Software Inc	A5318
The Aquila Group Inc	A3205
Wintriss Controls Group LLC	A5437
<b>SOFTWARE - PLANT MAINTENANCE</b>	
AXOOM GmbH	A2811
Dude Solutions	A3095
Fluke Corporation	C40215
FreePoint Technologies Inc	C41009
IMCO Associates Inc	C40523
Lantek Sheet Metal Solutions	A2906
ProMANAGE Smart Manufacturing Solutions	C41639
SafetyPlusWeb	C40834
SigmaTEK Systems LLC	A4442

## SOFTWARE - PROJECT MANAGEMENT

AVEVA Inc	A2961
Epicor Software Corp	C40905
ExhibitForce	C40337
FabSuite LLC	A2990
Jobscope ERP	A3111
Lantek Sheet Metal Solutions	A2906
MIE Solutions Inc	C40627
Radan	A3202
SigmaTEK Systems LLC	A4442
STRUMIS LLC	A2981
Tradesoft Inc	C40940
Trimble Solutions USA Inc	A2959

## SOFTWARE - QUALITY CONTROL

Advanced Tubular Technologies Inc	B10064
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Theta TTS Inc . . . . .	C41744
T-Sim Solutions . . . . .	A5425
Victory Tool . . . . .	A5089
Wuxi Micro Research Co Ltd . . . . .	C41838
Xinyongxu Metal & Die (Shenzhen) Co Ltd . . . . .	A4961
Yangzhou DTM Tool & Mold Co Ltd . . . . .	C41839
Zeen (Jiangsu) Tooling & Auto Parts Co Ltd . . . . .	C41844

**TOOLING - TUBE/PIPE BENDERS/END FORMERS**

Addition Manufacturing Technologies . . . . .	B15037
BLM GROUP USA Corp . . . . .	B11010
CMP Automation . . . . .	B18083
Comco USA Inc . . . . .	B11002
Crum Manufacturing Inc . . . . .	B14071
Lillbacka USA . . . . .	B15013
Manchester Tool & Die Inc . . . . .	B10002
OMNI-X USA . . . . .	B10054
Overton Industries . . . . .	A5054, B15083
PHI . . . . .	B19082
Pines Engineering/H&H Tooling . . . . .	B14070
R&B Machining Inc . . . . .	B10072
Schwarze-Robitec GmbH . . . . .	B13074
Tools for Bending . . . . .	B17087
Tube Bending Concepts Inc . . . . .	B10013
Tube Form Solutions . . . . .	B11034
WAFIOS Machinery Corp . . . . .	B11025
Wauseon Machine & Manufacturing Inc . . . . .	B15018
YLM USA Inc . . . . .	B15004

**TOOLING - TUBE/PIPE MILLS**

Addison Machine Engineering Inc . . . . .	B19087
DeeTee Industries Ltd . . . . .	B15097
FD Machinery . . . . .	B15028
Gem Tool Corporation . . . . .	B10052
Kinkelder USA . . . . .	B10034
Mathey Dearman . . . . .	B17031
Mill Masters . . . . .	B10010
Overton Industries . . . . .	A5054, B15083
Passline Performance . . . . .	B10005
Rhodius USA . . . . .	B35025
Roll Machining Technologies & Solutions . . . . .	B10059
SST Forming Roll Inc . . . . .	B12082
T&H Lemont . . . . .	B15025

**TOOLING - UNITIZED PUNCHING/NOTCHING**

Crum Manufacturing Inc . . . . .	B14071
Penn United Technologies Inc . . . . .	A5239
SB Whistler & Sons Inc . . . . .	A1238
UniPunch Products Inc . . . . .	A3281, B10011

**TOOLING - URETHANE**

ESCO Tool Co . . . . .	A3131
Fab Supply Inc . . . . .	A2936
Roll Machining Technologies & Solutions . . . . .	B10059
Wila USA . . . . .	A2838

**TOUCH-UP PAINT**

Arro-Mark Co LLC . . . . .	A3290
Baril Coatings USA . . . . .	A5821
Cardinal Paint and Powder . . . . .	A5950
Durr Systems Inc . . . . .	A6284
Northern Coatings & Chemical . . . . .	A6338
Sierra Paint Corporation . . . . .	A6556
Vogel Industrial Coatings . . . . .	A5943

**TRADE SHOW ORGANIZER**

American Welding Society . . . . .	C41336
American Welding Society Bookstore . . . . .	C41234
AWS Professional Welders Competition . . . . .	B33109, B32110
Chemical Coaters Assoc Int'l . . . . .	A6135
Design 2 Part . . . . .	A3137
DVS - German Welding Society . . . . .	C41417
Fabricators & Manufacturers Association . . . . .	A1267
Fastener Fair USA 2018 . . . . .	B14098
Sanpo Publications Incorporated . . . . .	C41507
Schweissen & Schneiden . . . . .	B25083
SME . . . . .	A3558
Tube 2018 - Messe Dusseldorf North America . . . . .	B16091

**TRAILERS**

Green Valley Manufacturing Inc . . . . .	A5094
RWM Casters Co . . . . .	C41122
Saf-T-Cart Inc . . . . .	B23061
Weldcoa . . . . .	B32006

**TRAINING SERVICES - MANAGEMENT**

American Welding Society . . . . .	C41336
American Welding Society Bookstore . . . . .	C41234
AWS Professional Welders Competition . . . . .	B33109, B32110
DVS - German Welding Society . . . . .	C41417
Fabricators & Manufacturers Association . . . . .	A1267
SafetyPlusWeb . . . . .	C40834
SME . . . . .	A3558

**TRAINING SERVICES - TECHNICAL**

American Technical Publishers . . . . .	B31085
American Welding Society . . . . .	C41336
American Welding Society Bookstore . . . . .	C41234
ASKO Inc . . . . .	A2923
AWS Professional Welders Competition . . . . .	B33109, B32110
Bosch Rexroth Corp . . . . .	A2807
Chemical Coaters Assoc Int'l . . . . .	A6135
COE Press Equipment Corporation . . . . .	A5621
Electrocoat Association, The . . . . .	A6418
Fabricators & Manufacturers Association . . . . .	A1267
Fromm Packaging Systems . . . . .	B12087
Laservision . . . . .	A3125
PDS Bartech Inc . . . . .	B31103
Powder Coated Tough Magazine . . . . .	A6415
Powder Coating Institute . . . . .	A6414
SafetyPlusWeb . . . . .	C40834
SME . . . . .	A3558
T. J. Snow . . . . .	B17000
Technical Translation Services . . . . .	A3050
Tower Metalworking Fluids . . . . .	A5435
Weldcoa . . . . .	B32006
WeldComputer . . . . .	B32066
Welder Training & Testing Institute . . . . .	C41533
Wheelabrator (Norican Group) . . . . .	A3027
Workshops For Warriors . . . . .	A1109
Yaskawa America Inc . . . . .	B17020

**TUBE/PIPE ASSEMBLY EQUIPMENT/  
SYSTEMS**

Alpine Bender Machinery . . . . .	B11041
Arc Machines Inc . . . . .	B29047
CMP Automation . . . . .	B18083
Coldwater Machine Co . . . . .	A3274
FIT RITE Systems LLC . . . . .	B10029
Fit Up Gear / Har-Bach, Inc. . . . .	B31030
HGG Profiling Equipment BV . . . . .	A2899
Manchester Tool & Die Inc. . . . .	B10002
Mathey Dearman . . . . .	B17031
Mestek Machinery Inc. . . . .	A2904
Olimpia 80 Srl . . . . .	B17097
Overton Industries . . . . .	A5054, B15083
Preston-Eastin Inc. . . . .	B32037
Serimax Holdings . . . . .	B20084
T-Drill Industries Inc . . . . .	A4461
Transfluid Maschinenbau GmbH . . . . .	B11069
Tube & Pipe Technology . . . . .	B17090
Winton Machine Company . . . . .	B15006

**TUBE/PIPE BUNDLING EQUIPMENT**

ASMAG USA Inc . . . . .	B10022
DMCTECH CO., LTD. . . . .	B15091
FD Machinery . . . . .	B15028
Fives . . . . .	B11000
Kent Corp . . . . .	B14025
Transfluid Maschinenbau GmbH . . . . .	B11069

**TUBE/PIPE CALIBRATING**

Lillbacka USA . . . . .	B15013
Tube & Pipe Technology . . . . .	B17090

**TUBE/PIPE CLEANING/DEGREASING  
EQUIPMENT**

Alconox . . . . .	A6273
Goff Inc. . . . .	A5753
LS Industries Inc. . . . .	A3179
Viking Blast & Wash Systems . . . . .	A5687

**TUBE/PIPE CNC PIPE CUTTING**

3D Fab Light . . . . .	B10070
Ajan Elektronik Servis Sanayi Ve Ticaret Ltd St. . . . .	A2674

AKS Cutting Systems Inc. . . . .	A4818
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Bend Tech. . . . .	B19094
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Brobo / Ken Bergman & Associates . . . . .	A4453
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Burnco Prodevco Robotic Solutions . . . . .	A4289
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Chiyoda Kogyo-Maruka USA . . . . .	B15030
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Comco USA Inc. . . . .	B11002
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CRIPPA USA, LLC . . . . .	B11061
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Cy Laser America . . . . .	A2680
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Dynatorch Inc. . . . .	B15066
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Enutron Industrial Corp. . . . .	A3045
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FlashCut CNC . . . . .	A2823
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Hainan E-Mfg Technology Co. Ltd . . . . .	C40826
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HGG Profiling Equipment BV . . . . .	A2899
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Hornet Cutting Systems . . . . .	A2892
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Hypertherm CAM . . . . .	A3231
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Hypertherm Inc. . . . .	A3525, A3531, B17013
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Innovative Tube Equipment Corp. . . . .	B11029
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JD Squared Inc. . . . .	B11066
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Jet Edge . . . . .	A4201
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Lincoln Electric Co . . . . .	A1851
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LVD Strippit. . . . .	A2631
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Machitech Inc. . . . .	B27013
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Mathey Dearman . . . . .	B17031
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Mazak Optonics Corp . . . . .	A4001
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Messer Cutting Systems . . . . .	A4860
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Nukon Lazer Makina Metal Sanayi Ve Ticaret AS . . . . .	A2689
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OMAX Corp. . . . .	A4838
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Production Tube Cutting Inc . . . . .	A5191
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Rattunde Corporation . . . . .	B10032
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Shanghai Hugong Electric Group Co Ltd. . . . .	B27094
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Soitaab USA Inc . . . . .	A2879
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TigerStop LLC. . . . .	C40936
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Transfluid Maschinenbau GmbH . . . . .	B11069
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Tri Tool Inc. . . . .	B33013
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Tube & Pipe Technology . . . . .	B17090
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Vulcan Tool Corp. . . . .	B15098
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Winton Machine Company . . . . .	B15006
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YLM USA Inc. . . . .	B15004
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**TUBE/PIPE COMPRESSION BENDERS**

Alpine Bender Machinery . . . . .	B11041
BLM GROUP USA Corp . . . . .	B11010
Carell Corporation . . . . .	A4873
Crum Manufacturing Inc . . . . .	B14071
Huth Ben Pearson International LLC . . . . .	B10061
Innovative Tube Equipment Corp . . . . .	B11029
MiiC OPTON (U.S.A.), Inc. . . . .	B15023
Pines Engineering/H&H Tooling . . . . .	B14070
Schwarze-Robitec GmbH . . . . .	B13074
Tube & Pipe Technology . . . . .	B17090
Unison LTD . . . . .	B11044
Winton Machine Company . . . . .	B15006
YLM USA Inc. . . . .	B15004

**TUBE/PIPE CUSTOM MACHINERY**

Accurate Technology Inc . . . . .	B17094
Alpine Bender Machinery . . . . .	B11041
ANDRITZ Soutec AG . . . . .	B24083
Arc Machines Inc. . . . .	B29047
Cambridge Vacuum Engineering . . . . .	C41544
CMP Automation . . . . .	B18083
Comco USA Inc. . . . .	B11002
Cornerstone Capital Partners . . . . .	B19084
Crum Manufacturing Inc . . . . .	B14071
Fontijne Grotnes North America . . . . .	A4979
Formtek Inc . . . . .	A3002
Gasparini SpA . . . . .	A4377
HAEUSLER AG Duggingen . . . . .	A2856
Haven Manufacturing Corp . . . . .	B15087
Innovative Tube Equipment Corp . . . . .	B11029
INNOVO Corp . . . . .	B10040
Lillbacka USA . . . . .	B15013
Manufacturing Solutions Industries Inc . . . . .	B19097
Numalliance Inc . . . . .	B17085
Overton Industries . . . . .	A5054, B15083
Pemamek Oy Ltd . . . . .	B21098
Proto-1 Manufacturing . . . . .	B11049
Rattunde Corporation . . . . .	B10032
T-Drill Industries Inc . . . . .	A4461
Transfluid Maschinenbau GmbH . . . . .	B11069
Tri Tool Inc . . . . .	B33013
Tube & Pipe Technology . . . . .	B17090
Tube Form Solutions . . . . .	B11034
Tubex Technology Machinery . . . . .	B10046
Winton Machine Company . . . . .	B15006

**TUBE/PIPE CUT-OFF MACHINES**

Accurate Technology Inc . . . . .	B17094
Advanced Machine & Engineering . . . . .	A3792
Angle-Rite® Clamping System . . . . .	B37070
ASMAG USA Inc . . . . .	B10022
Behringer Saws Inc. . . . .	A4206
Bend Tech. . . . .	B19094
Brobo / Ken Bergman & Associates . . . . .	A4453
Comco USA Inc. . . . .	B11002
CS Unitec Inc . . . . .	B33061

DoALL Sawing Products . . . . .	A1202
Doringer Cold Saws . . . . .	C41104
Duck Myung Co. Ltd. . . . .	B15092
Dynatorch Inc . . . . .	B15066
E. H. Wachs . . . . .	B17037
Enutron Industrial Corp . . . . .	A3045
ESCO Tool Co . . . . .	A3131
Fives . . . . .	B11000
H & M Pipe Beveling Machine Co Inc . .	B25082
Haas Saw & Supply . . . . .	A4212
Haberle / Ken Bergman & Associates . .	A4453
Haven Manufacturing Corp . . . . .	B15087
INNOVO Corp . . . . .	B10040
Kasto Inc . . . . .	A4807
Kent Corp . . . . .	B14025
Kinkelder USA . . . . .	B10034
Klingelhofer Corp . . . . .	A2859
Lessmann Inc . . . . .	C41422
Lillbacka USA . . . . .	B15013
Lincoln Electric Co . . . . .	A1851
Marion Die & Fixture Inc . . . . .	A4275
Messer Cutting Systems . . . . .	A4860
Nodha Industrial Technology Wuxi Co. Ltd . . . . .	B26083
Olimpia 80 Srl . . . . .	B17097
OP USA Inc . . . . .	B14094
Orbitalum . . . . .	B17037
Passline Performance . . . . .	B10005
Pat Mooney Saws . . . . .	A3579
PROTEM USA LLC . . . . .	B13100
Rattunde Corporation . . . . .	B10032
Stripmatic Products Inc. . . . .	A5005
Struers Inc . . . . .	B18092
T-Drill Industries Inc . . . . .	A4461
Thermatool Corp . . . . .	B15000
TigerStop LLC . . . . .	C40936
Tubex Technology Machinery . . . . .	B10046
Universal Tube & Rollform Equipment Corp . . . . .	B10057
Vulcan Tool Corp . . . . .	B15098
Weil Engineering North America . . . . .	A3072
YLM USA Inc . . . . .	B15004

**TUBE/PIPE DEBURRING EQUIPMENT**

AM Machinery Sales Inc . . . . .	A2814
Angle-Rite® Clamping System . . . . .	B37070
ASMAG USA Inc . . . . .	B10022
Blast Cleaning Technologies . . . . .	A6427
Brobo / Ken Bergman & Associates . . . . .	A4453
Brush Research Manufacturing Co . . . . .	A5751
Cornerstone Capital Partners . . . . .	B19084
CS Unitec Inc . . . . .	B33061
DMCTECH CO., LTD. . . . .	B15091
Felton Brushes Ltd . . . . .	B18091
Fives . . . . .	B11000
Haberle / Ken Bergman & Associates . .	A4453
Haven Manufacturing Corp . . . . .	B15087
Kent Corp . . . . .	B14025
Klingelhofer Corp . . . . .	A2859

Midwest Automation . . . . .	C40944
Nodha Industrial Technology Wuxi Co. Ltd . . . . .	B26083
PHI . . . . .	B19082
Rhodius USA . . . . .	B35025
Transfluid Maschinenbau GmbH . . . . .	B11069
Wheelabrator (Norican Group) . . . . .	A3027

**TUBE/PIPE DRAW BENCHES**

Allor Manufacturing Inc/Plesh Industries .	A4489
ASMAG USA Inc . . . . .	B10022
Fives . . . . .	B11000

Hainan E-Mfg Technology Co. Ltd . . . . .	C40826
Tube & Pipe Technology . . . . .	B17090
Yulchon Co LTD . . . . .	B15093

**TUBE/PIPE END FORMING EQUIPMENT**

Addition Manufacturing Technologies . . .	B15037
Bonak . . . . .	A4275
Chiyoda Kogyo-Maruka USA . . . . .	B15030
CMP Automation . . . . .	B18083
Cornerstone Capital Partners . . . . .	B19084
CRIPPA USA, LLC . . . . .	B11061

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**BENDERS**  
**SWAGERS**  
**END FORMERS**  
**DEBURRERS**  
**SLITTING LINES**  
**UNCOILERS**  
**ACCUMULATORS**  
**SHEAR & END WELDERS**  
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## TUBE/PIPE END FORMING EQUIPMENT

Crum Manufacturing Inc . . . . .	B14071
ESCO Tool Co . . . . .	A3131
Fontijne Grotnes North America . . . . .	A4979
Gasparini SpA . . . . .	A4377
Global Metal Spinning Solutions Inc - DENN USA Metal Forming . . . . .	A5667
HAEUSLER AG Duggingen . . . . .	A2856
Horn Machine Tools Inc . . . . .	B11020
Huth Ben Pearson International LLC . . . . .	B10061
J&S Machine Inc . . . . .	B15004
Lakeland Products . . . . .	B16099
Lillbacka USA . . . . .	B15013
Lincoln Electric Co . . . . .	A1851
Manchester Tool & Die Inc . . . . .	B10002
Miic OPTON (U.S.A.), Inc. . . . .	B15023
Numalliance Inc . . . . .	B17085
OMCG Inc . . . . .	B11074
Overton Industries . . . . .	A5054, B15083
Peter Prinzing GmbH . . . . .	A2958
PHI . . . . .	B19082
Proto-1 Manufacturing . . . . .	B11049
R&B Machining Inc . . . . .	B10072
Rhodius USA . . . . .	B35025
T-Drill Industries Inc . . . . .	A4461
Transfluid Maschinenbau GmbH . . . . .	B11069
Unison LTD . . . . .	B11044
WAFIOS Machinery Corp . . . . .	B11025
Wauseon Machine & Manufacturing Inc . . . . .	B15018
Winton Machine Company . . . . .	B15006
YLM USA Inc . . . . .	B15004

## TUBE/PIPE EXPANDERS

ESCO Tool Co . . . . .	A3131
Fontijne Grotnes North America . . . . .	A4979
HAEUSLER AG Duggingen . . . . .	A2856
Horn Machine Tools Inc . . . . .	B11020
Huth Ben Pearson International LLC . . . . .	B10061
R&B Machining Inc . . . . .	B10072
Transfluid Maschinenbau GmbH . . . . .	B11069
Tubex Technology Machinery . . . . .	B10046
Winton Machine Company . . . . .	B15006
YLM USA Inc . . . . .	B15004

## TUBE/PIPE EXTRUSION PRESSES

Tube & Pipe Technology . . . . .	B17090
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## TUBE/PIPE FINNING MACHINES

ESCO Tool Co . . . . .	A3131
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## TUBE/PIPE FLANGING MACHINES

ESCO Tool Co . . . . .	A3131
OMCG Inc . . . . .	B11074
Peter Prinzing GmbH . . . . .	A2958
PHI . . . . .	B19082
Sir Meccanica SpA . . . . .	B32097
T-Drill Industries Inc . . . . .	A4461
Transfluid Maschinenbau GmbH . . . . .	B11069
Tri Tool Inc . . . . .	B33013

## TUBE/PIPE FLARING MACHINES

ESCO Tool Co . . . . .	A3131
Horn Machine Tools Inc . . . . .	B11020
Huth Ben Pearson International LLC . . . . .	B10061
OMCG Inc . . . . .	B11074
Overton Industries . . . . .	A5054, B15083
Peter Prinzing GmbH . . . . .	A2958
PHI . . . . .	B19082
Proto-1 Manufacturing . . . . .	B11049
R&B Machining Inc . . . . .	B10072
Transfluid Maschinenbau GmbH . . . . .	B11069

## TUBE/PIPE GRINDING & POLISHING EQUIPMENT

AM Machinery Sales Inc . . . . .	A2814
Brobo / Ken Bergman & Associates . . . . .	A4453
Brush Research Manufacturing Co . . . . .	A5751
Cibo NV . . . . .	B33066
CS Unitec Inc . . . . .	B33061
DCM Tech Inc . . . . .	A2913
DEWALT – Power Tools & Abrasives . .	B29084
Dynabrade Inc . . . . .	A2943
Felton Brushes Ltd . . . . .	B18091
Midwest Automation . . . . .	C40944
Struers Inc . . . . .	B18092
Superior Abrasives LLC . . . . .	B37052
Wendt USA LLC . . . . .	B31034

## TUBE/PIPE GROOVING MACHINES

CRIPPA USA, LLC . . . . .	B11061
ESCO Tool Co . . . . .	A3131
Manchester Tool & Die Inc . . . . .	B10002
Overton Industries . . . . .	A5054, B15083
RIDGID . . . . .	B35066
Sanderson Machines Ltd. . . . .	B10047

## TUBE/PIPE HAND BENDERS

Carell Corporation . . . . .	A4873
Lakeland Products . . . . .	B16099

## TUBE/PIPE HANDLING SYSTEMS

Behringer Saws Inc . . . . .	A4206
Blue Water Engineering Pty Ltd . . . . .	A3294
Comco USA Inc. . . . .	B11002
Dalmec Inc . . . . .	A2969
Fives . . . . .	B11000
Haven Manufacturing Corp . . . . .	B15087
Hedweld Group of Companies . . . . .	C40844
HGG Profiling Equipment BV . . . . .	A2899
Lillbacka USA . . . . .	B15013
Lincoln Electric Co . . . . .	A1851
Pador Marketing Group . . . . .	B31087
Schwarze-Robitec GmbH . . . . .	B13074
Taylor-Winfield Technologies Inc . . . . .	B32042
Tecnomagnete Inc . . . . .	C41716
Transfluid Maschinenbau GmbH . . . . .	B11069
Vidir Machine Inc . . . . .	A5614
Walker Magnetics . . . . .	A4421

## TUBE/PIPE HYDROFORMING MACHINES

American Hydroformers . . . . .	B17100
FluidForming Americas . . . . .	A5152
Miic OPTON (U.S.A.), Inc. . . . .	B15023
Numalliance Inc . . . . .	B17085

## TUBE/PIPE INCREMENTAL BENDERS

D.I. Wire / Pensa Labs . . . . .	C41028
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## TUBE/PIPE INDUCTION BENDERS

GH Induction Atmospheres LLC . . . . .	B17088
Pillar Induction . . . . .	B13070
Pines Engineering/H&H Tooling . . . . .	B14070
Trilogy Machinery Inc . . . . .	A4848

## TUBE/PIPE MILLS - ERW

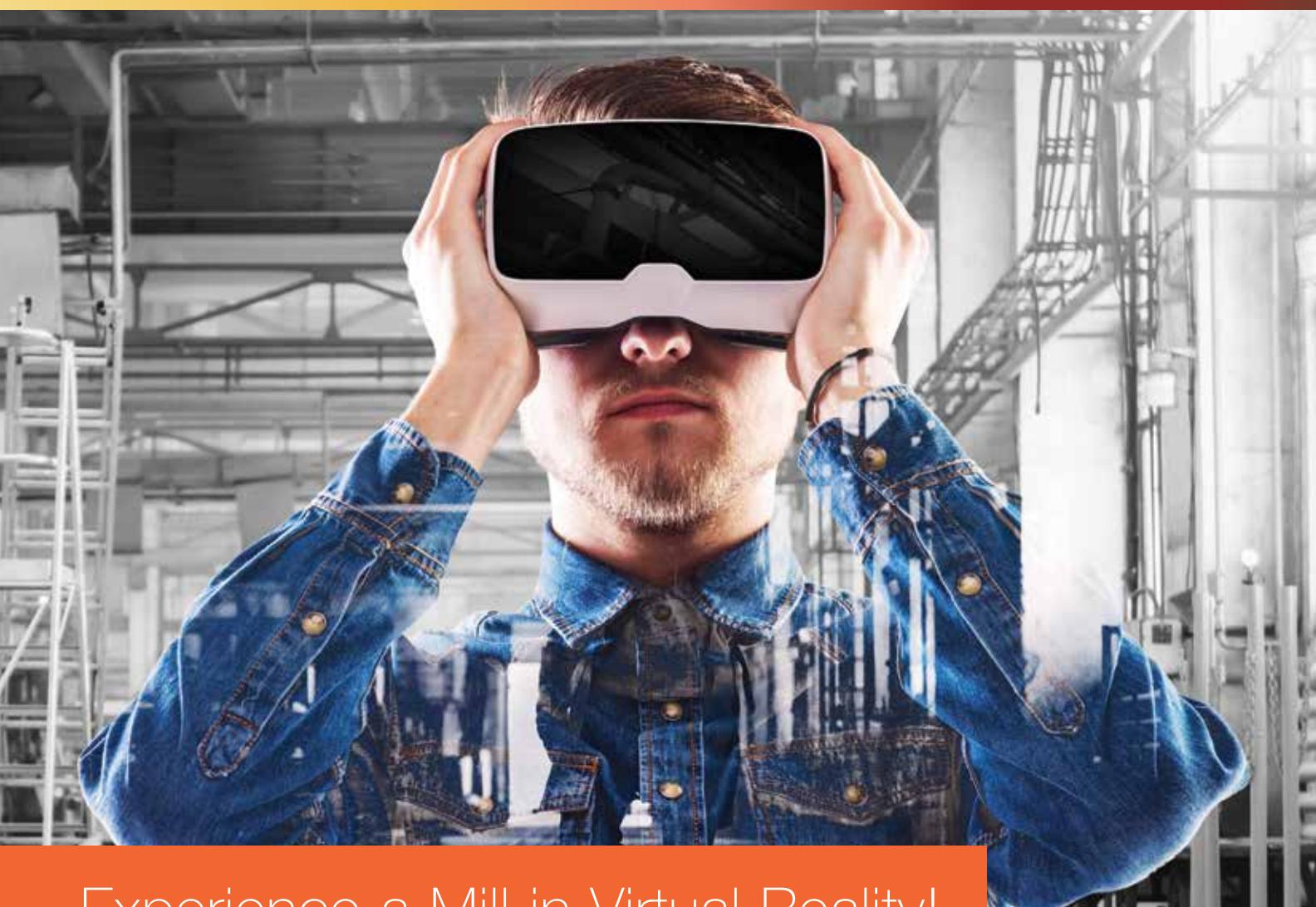
ASMAG USA Inc . . . . .	B10022
DMCTECH CO., LTD. . . . .	B15091
Excel Industrial Electronics . . . . .	C41815
FD Machinery . . . . .	B15028
Fives . . . . .	B11000
Kinkelder USA . . . . .	B10034
Rafter Equipment Corp . . . . .	B19091
Thermatool Corp. . . . .	B15000
Tube & Pipe Technology . . . . .	B17090
Universal Tube & Rollform Equipment Corp . . . . .	B10057
Yulchon Co LTD . . . . .	B15093

## TUBE/PIPE MILLS - GTAW (TIG)

Addison Machine Engineering Inc . . . . .	B19087
Beverlin Specialty Tube . . . . .	B43
Gasparini SpA . . . . .	A4377
Mill Masters . . . . .	B10010
Olimpia 80 Srl . . . . .	B17097
Shanghai Mealer Welding Equipment Co Ltd . . . . .	B20109
T&H Lemont . . . . .	B15025
Tube & Pipe Technology . . . . .	B17090

## TUBE/PIPE MILLS - HIGH FREQUENCY

Addison Machine Engineering Inc . . . . .	B19087
ASMAG USA Inc . . . . .	B10022
Dreistern Inc . . . . .	A3061
Formtek Inc . . . . .	A3002
Gasparini SpA . . . . .	A4377
Kent Corp . . . . .	B14025
Mill Masters . . . . .	B10010
Nantong Reliant . . . . .	A3026
Olimpia 80 Srl . . . . .	B17097
OMCO . . . . .	A3890
Rafter Equipment Corp . . . . .	B19091
T&H Lemont . . . . .	B15025
Thermatool Corp. . . . .	B15000
Tube & Pipe Technology . . . . .	B17090
Universal Tube & Rollform Equipment Corp . . . . .	B10057
Welser Profile GmbH . . . . .	C41117



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Thermatool has created a Virtual Reality Experience to bring people closer to the action! The technology provides an immersive experience that revolutionizes the way customers can see a mill in production. After slipping on Thermatool Corp.'s virtual reality headset, visitors are able to explore a number of welding, heating, and cutting setups. In the blink of an eye, they can relocate to another section of the mill, view illustrations, and explore complicated technical concepts. Thermatool Corp. plans to use this technology in the future to train and educate customers in proper procedures and safety precautions.

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[thermatool.com](http://thermatool.com)

**TUBE/PIPE MILLS - INDUCTION**

- Addison Machine Engineering Inc . . . . . B19087  
 Ajax Tocco Magnethermic Corp . . . . . B13070  
 Excel Industrial Electronics . . . . . C41815  
 Mill Masters . . . . . B10010  
 Pillar Induction . . . . . B13070  
 Rafter Equipment Corp . . . . . B19091  
 Thermatool Corp . . . . . B15000  
 Tube & Pipe Technology . . . . . B17090

**TUBE/PIPE MILLS - LASER**

- Cy Laser America . . . . . A2680  
 Dreistern Inc . . . . . A3061  
 Excel Industrial Electronics . . . . . C41815  
 Mestek Machinery Inc . . . . . A2904  
 Mill Masters . . . . . B10010  
 Olimpia 80 Srl . . . . . B17097  
 Rafter Equipment Corp . . . . . B19091  
 Tube & Pipe Technology . . . . . B17090  
 Welser Profile GmbH . . . . . C41117

**TUBE/PIPE MILLS - PILGER**

- Tube & Pipe Technology . . . . . B17090

**TUBE/PIPE MILLS - SPIRAL**

- Beverlin Specialty Tube . . . . . B43  
 Kinkelder USA . . . . . B10034  
 Tube & Pipe Technology . . . . . B17090

**TUBE/PIPE MILLS - WELDING POWER SUPPLIES**

- Tube & Pipe Technology . . . . . B17090

**TUBE/PIPE NOTCHING MACHINES**

- Angle-Rite® Clamping System . . . . . B37070  
 Bend Tech . . . . . B19094  
 Ercolina - CML USA Inc . . . . . A4117  
 Heck Industries . . . . . B33049  
 Innovative Tube Equipment Corp . . . . . B11029  
 INNOVO Corp . . . . . B10040  
 JD Squared Inc . . . . . B11066  
 Kalamazoo Metal Muncher . . . . . A3052  
 Proto-1 Manufacturing . . . . . B11049  
 Sanderson Machines Ltd . . . . . B10047  
 Scotchman Industries Inc . . . . . A4217  
 UniPunch Products Inc . . . . . A3281, B10011  
 Vulcan Tool Corp . . . . . B15098

**TUBE/PIPE PIERCING MACHINES**

- Coldwater Machine Co . . . . . A3274  
 Innovative Tube Equipment Corp . . . . . B11029  
 INNOVO Corp . . . . . B10040  
 Lincoln Electric Co . . . . . A1851  
 Sanderson Machines Ltd . . . . . B10047  
 UniPunch Products Inc . . . . . A3281, B10011

**TUBE/PIPE RAM BENDERS**

- Boschert Precision Machinery Inc . . . . . A2267  
 Horn Machine Tools Inc . . . . . B11020  
 Innovative Tube Equipment Corp . . . . . B11029  
 J&S Machine Inc . . . . . B15004  
 Transfluid Maschinenbau GmbH . . . . . B11069  
 Winton Machine Company . . . . . B15006

**TUBE/PIPE REDUCERS**

- Horn Machine Tools Inc . . . . . B11020  
 Huth Ben Pearson International LLC . . . . . B10061  
 Lillbacka USA . . . . . B15013  
 Transfluid Maschinenbau GmbH . . . . . B11069

**TUBE/PIPE ROLL BENDERS**

- Carell Corporation . . . . . A4873  
 COLE-TUVE Inc . . . . . A3875  
 DAVI Inc . . . . . A3850  
 Eagle Bending Machines Inc . . . . . A4873  
 Ercolina - CML USA Inc . . . . . A4117  
 Horn Machine Tools Inc . . . . . B11020  
 Innovative Tube Equipment Corp . . . . . B11029  
 J&S Machine Inc . . . . . B15004  
 KAAST Machine Tools Inc . . . . . A2677  
 Miic OPTON (U.S.A.), Inc . . . . . B15023  
 OMNI-X USA . . . . . B10054  
 Peter Prinzing GmbH . . . . . A2958  
 Piranha . . . . . A3840  
 ROUND . . . . . A4248  
 Transfluid Maschinenbau GmbH . . . . . B11069  
 Winton Machine Company . . . . . B15006

**TUBE/PIPE ROTARY DRAW BENDERS**

- Addition Manufacturing Technologies . . . . . B15037  
 Alpine Bender Machinery . . . . . B11041  
 Carell Corporation . . . . . A4873  
 Chiyoda Kogyo-Maruka USA . . . . . B15030  
 Comco USA Inc . . . . . B11002  
 CRIPPA USA, LLC . . . . . B11061  
 Ercolina - CML USA Inc . . . . . A4117  
 Horn Machine Tools Inc . . . . . B11020  
 Innovative Tube Equipment Corp . . . . . B11029  
 J&S Machine Inc . . . . . B15004  
 JD Squared Inc . . . . . B11066  
 Lakeland Products . . . . . B16099  
 Miic OPTON (U.S.A.), Inc . . . . . B15023  
 OMNI-X USA . . . . . B10054  
 Pines Engineering/H&H Tooling . . . . . B14070  
 Schwarze-Robitec GmbH . . . . . B13074  
 Transfluid Maschinenbau GmbH . . . . . B11069  
 Tubex Technology Machinery . . . . . B10046  
 Unison LTD . . . . . B11044  
 WAFIOS Machinery Corp . . . . . B11025  
 Winton Machine Company . . . . . B15006  
 YLM USA Inc . . . . . B15004

**TUBE/PIPE SCARFING EQUIPMENT**

- ESCO Tool Co . . . . . A3131  
 Fives . . . . . B11000  
 Gem Tool Corporation . . . . . B10052  
 Kinkelder USA . . . . . B10034  
 T&H Lemont . . . . . B15025

**TUBE/PIPE SERPENTINE BENDERS**

- Chiyoda Kogyo-Maruka USA . . . . . B15030  
 Comco USA Inc . . . . . B11002  
 Miic OPTON (U.S.A.), Inc . . . . . B15023  
 Pines Engineering/H&H Tooling . . . . . B14070  
 Tubex Technology Machinery . . . . . B10046  
 Unison LTD . . . . . B11044  
 Winton Machine Company . . . . . B15006  
 YLM USA Inc . . . . . B15004

**TUBE/PIPE STANDS/JACKS/POSITIONERS**

- Angle-Rite® Clamping System . . . . . B37070  
 B&B Pipe & Industrial Tool . . . . . B29074  
 CH Steel Solutions Inc . . . . . C40017  
 FIT RITE Systems LLC . . . . . B10029  
 H & M Pipe Beveling Machine Co Inc . . . . . B25082  
 Kyntronics . . . . . C40926  
 Mathey Dearman . . . . . B17031  
 RIDGID . . . . . B35066  
 Sumner Manufacturing Co., LLC . . . . . B32061  
 Team Industries Inc . . . . . B18033

**TUBE/PIPE STRETCH BENDERS**

- Miic OPTON (U.S.A.), Inc . . . . . B15023

**TUBE/PIPE SUPPLIED - AUSTENITIC**

- Yada Piping Solution Co Ltd . . . . . B16094

**TUBE/PIPE SUPPLIED - BENDS & FITTINGS**

- Haynes International . . . . . B33064  
 NBM Metals . . . . . C41110

**TUBE/PIPE SUPPLIED - CARBON CONTENT (LOW)**

- BIDUE S.r.l. . . . . B42  
 Sugar Steel Corp . . . . . A3033

**TUBE/PIPE SUPPLIED - CHEMICALS (INCLUDING ACIDPROOF TUBES)**

- Quaker Chemical Corporation . . . . . A5740

**TUBE/PIPE SUPPLIED - COATED TUBES**

- BIDUE S.r.l. . . . . B42

**TUBE/PIPE SUPPLIED - CONNECTORS**

- Haynes International . . . . . B33064  
 NBM Metals . . . . . C41110

**TUBE/PIPE SUPPLIED - COPPER/COPPER ALLOYS**

G.RAU GmbH & Co KG . . . . .	C40217
Haynes International . . . . .	B33064
NBM Metals . . . . .	C41110
Production Tube Cutting Inc . . . . .	A5191
Tubing Central . . . . .	B17098
Wieland Metals Inc . . . . .	A5458

**TUBE/PIPE SUPPLIED - DRILLING TECHNOLOGY (WATER, OIL, MINERAL WELLS)**

American Friction Welding . . . . .	C41410
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**TUBE/PIPE SUPPLIED - DUPLEX AND NICKEL BASE ALLOY PIPES AND TUBES**

Sugar Steel Corp. . . . .	A3033
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**TUBE/PIPE SUPPLIED - FLANGES**

Dalian Zhongsheng Metal Products Co Ltd . . . . .	C41609
Nordfab Ducting . . . . .	A3239

**TUBE/PIPE SUPPLIED - FORMED TUBES**

Eurolls SPA . . . . .	B12094
Sharpe Products . . . . .	B18094

**TUBE/PIPE SUPPLIED - HYDRO-FORMED TUBES**

American Hydroformers . . . . .	B17100
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**TUBE/PIPE SUPPLIED - MEASURING TECHNOLOGY**

Clark Fixture Technologies . . . . .	B10025
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**TUBE/PIPE SUPPLIED - MECHANICAL ENGINEERING (HYDRAULICS, PNEUMATICS)**

Zhangjiagang Chewit International Co Ltd . . . . .	B19085
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**TUBE/PIPE SUPPLIED - OTHER FERROUS METALS**

Haynes International . . . . .	B33064
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**TUBE/PIPE SUPPLIED - OTHER NONFERROUS METALS**

NBM Metals . . . . .	C41110
Production Tube Cutting Inc . . . . .	A5191
Tubing Central . . . . .	B17098

**TUBE/PIPE SUPPLIED - PIPE PROTECTION CAPS**

Echo Engineering . . . . .	A5819
Poppelman Plastics USA LLC . . . . .	A5757

**TUBE/PIPE SUPPLIED - PRECISION TUBES**

G.RAU GmbH & Co KG . . . . .	C40217
Zhangjiagang Chewit International Co Ltd . . . . .	B19085

**TUBE/PIPE SUPPLIED - SEAMLESS STEEL TUBES**

Zhangjiagang Chewit International Co Ltd . . . . .	B19085
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**TUBE/PIPE SUPPLIED - SOLIDS TRANSPORTATION (COAL, CEMENT, LIME, OTHER DUST)**

BIDUE S.r.l. . . . .	B42
Nordfab Ducting . . . . .	A3239

**TUBE/PIPE SUPPLIED - STAINLESS STEEL**

Beverlin Specialty Tube . . . . .	B43
G.RAU GmbH & Co KG . . . . .	C40217
Production Tube Cutting Inc . . . . .	A5191
Tubing Central . . . . .	B17098

**TUBE/PIPE SUPPLIED - STEEL (CARBON)**

Beverlin Specialty Tube . . . . .	B43
Production Tube Cutting Inc . . . . .	A5191
Sugar Steel Corp. . . . .	A3033
Welser Profile GmbH . . . . .	C41117

**TUBE/PIPE SUPPLIED - THREAD PROTECTORS**

Poppelman Plastics USA LLC . . . . .	A5757
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**TUBE/PIPE SUPPLIED - TUBE ACCESSORIES**

Clark Fixture Technologies . . . . .	B10025
Dalian Zhongsheng Metal Products Co Ltd . . . . .	C41609

**TUBE/PIPE SUPPLIED - TUBE AND PIPE MANIPULATION**

BIDUE S.r.l. . . . .	B42
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**TUBE/PIPE SUPPLIED - TUBES, NON-FERROUS METAL AND ALLOYS**

G.RAU GmbH & Co KG . . . . .	C40217
Zhangjiagang Chewit International Co Ltd . . . . .	B19085

**TUBE/PIPE SUPPLIED - VEHICLES (BICYCLES, MOTORCYCLES, TRAILERS, CARS, ETC.)**

BIDUE S.r.l. . . . .	B42
Zhangjiagang Chewit International Co Ltd . . . . .	B19085

**TUBE/PIPE SUPPLIED - WELDED STEEL TUBES (ALSO WATER BOILER TUBES)**

Beverlin Specialty Tube . . . . .	B43
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**TUBE/PIPE SWAGING MACHINES**

Ercolina - CML USA Inc . . . . .	A4117
Horn Machine Tools Inc . . . . .	B11020
INNOVO Corp . . . . .	B10040
Lillbacka USA . . . . .	B15013
MiiC OPTON (U.S.A.), Inc. . . . .	B15023
Overton Industries . . . . .	A5054, B15083
Proto-1 Manufacturing . . . . .	B11049
R&B Machining Inc . . . . .	B10072
Universal Tube & Rollform Equipment Corp . . . . .	B10057

**TUBE/PIPE THREADING/KNURLING MACHINES**

CRIPPA USA, LLC . . . . .	B11061
RIDGID . . . . .	B35066

**TURNING MACHINES**

GERB Vibration Control Systems . . . . .	A4972
Haas Automation Inc . . . . .	C41703
KNUTH Machine Tools USA Inc . . . . .	A2874
Manufacturing Solutions . . . . .	A3123
MC Machinery Systems Inc. . . . .	A2619
Murata Machinery USA Inc . . . . .	A4240
Perfection Global LLC . . . . .	A2911
Preston-Eastin Inc. . . . .	B32037
Sir Meccanica SpA . . . . .	B32097

**ULTRAFILTRATION EQUIPMENT FOR ELECTROCOATING**

DMP Corporation . . . . .	A6555
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**ULTRASONIC CLEANING EQUIPMENT**

Alconox . . . . .	A6273
Astro Pak . . . . .	B19083
Metal Science Technologies Pty Ltd . . . . .	B37009
Proceco Ltd . . . . .	A6184

**USED MACHINERY**

Automated Machinery Inc (AMI) . . . . .	A1241
Bowlin Manufacturing Inc . . . . .	A3012
Bruderer Machinery Inc . . . . .	A5025
Global Metal Spinning Solutions Inc - DENN USA Metal Forming . . . . .	A5667
HAEUSLER AG Duggingen . . . . .	A2856
Industrial Market Place . . . . .	A3160
KD Capital Equipment LLC . . . . .	A3195
Kent Corp . . . . .	B14025
Leifeld Metal Spinning AG . . . . .	A5280
MC Machinery Systems Inc. . . . .	A2619
Midwest Automation . . . . .	C40944
Midwest Tool Inc . . . . .	A2909
MJC Engineering & Technology Inc . . . . .	A5356
Mohawk Machinery Inc . . . . .	C40708
NRT Equipment Sales . . . . .	C40539
Perfection Global LLC . . . . .	A2911
Salvagnini America Inc . . . . .	A1838
Southwestern Industries Inc . . . . .	A5076
T. J. Snow . . . . .	B17000
Universal Tube & Rollform Equipment Corp . . . . .	B10057

## **UV CURABLE COATINGS**

Carbit Paint Co . . . . .	A6436
Cardinal Paint and Powder . . . . .	A5950
ClearClad Coatings LLC . . . . .	A6388
Decoral System USA Corp . . . . .	A6584
Environmental Coatings Inc. . . . .	A6478
Jamestown Coating Technologies . . . . .	A5981
Keyland Polymer Material Sciences LLC . . . . .	A6323
Klinger Paint Co . . . . .	A5985
Northern Coatings & Chemical . . . . .	A6338
PPG Industries Inc. . . . .	A5712
Protech Powder Coatings . . . . .	A6173
Quaker Chemical Corporation . . . . .	A5740
Sierra Paint Corporation . . . . .	A6556

## **UV CURING EQUIPMENT & LAMPS**

Hedson Technologies North America . . . . .	A5989
Nordson Corp . . . . .	A6224
Stanza Machinery . . . . .	A6287
System Technologies . . . . .	A6255

## **VACUUM LIFTING & POSITIONING EQUIPMENT**

ASTES4 SA . . . . .	A1035
Blue Water Engineering Pty Ltd. . . . .	A3294
JMR Industrial . . . . .	A3599
LISSMAC Corp . . . . .	A4842
Permadur Industries Inc . . . . .	A3107
Piab Inc . . . . .	C41730
Precision Saws Inc . . . . .	C40741
Slatpro LLC. . . . .	A4389

## **VACUUM METALIZING**

Vapor Technologies . . . . .	A5940
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## **VACUUM SYSTEMS FOR POWDER COATING**

HafcoVac . . . . .	A5750
Piab Inc . . . . .	C41730
Ruwac . . . . .	A6515
TIGER-VAC USA INC . . . . .	B32103

## **VACUUM/OSCILLATOR TUBES**

Allegro Industries . . . . .	B37055
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## **VARNISH**

Cardinal Paint and Powder . . . . .	A5950
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## **VIBRATION CONTROL/ MACHINE MOUNTING EQUIPMENT**

GERB Vibration Control Systems . . . . .	A4972
Vibro/Dynamics LLC . . . . .	A5241

## **WASTE TREATMENT & RECOVERY PROCESSES & EQUIPMENT**

American Fabric Filter Co . . . . .	A6542
Bex Spray Nozzles . . . . .	A6559
CPR Systems . . . . .	A6379
DMP Corporation . . . . .	A6555
ERIEZ . . . . .	A3227
HafcoVac . . . . .	A5750
Hubbard-Hall Inc. . . . .	A6527
Master Magnetics. . . . .	A3188
RUF Briquetting Systems . . . . .	A4970
Therma-Tron-X Inc . . . . .	A6267
Tower Metalworking Fluids. . . . .	A5435

## **WATER CIRCULATORS - WELDING**

MK Products Inc . . . . .	B31013
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## **WATERJET CUTTING MACHINES & COMPONENTS**

AKS Cutting Systems Inc. . . . .	A4818
American Photonics . . . . .	A4391
Barton International . . . . .	A4084
Blue Water Engineering Pty Ltd. . . . .	A3294
CMS North America Inc. . . . .	A4295
Flow International Corp. . . . .	A4824
H2O JET Inc . . . . .	A3099
Hornet Cutting Systems . . . . .	A2892
Hypertherm Inc. . . . .	A3525, A3531, B17013
Italmac USA Inc . . . . .	C40144
Jet Edge . . . . .	A4201
KMT Waterjet Systems Inc . . . . .	A3884
Koike Aronson Inc . . . . .	B17008
Machitech Inc. . . . .	B27013
Mestek Machinery Inc. . . . .	A2904
Mohawk Machinery Inc. . . . .	C40708
Nukon Lazer Makina Metal Sanayi Ve Ticaret AS . . . . .	A2689

NUM CNC and Automation Solutions . . . . .	A3794
OMAX Corp. . . . .	A4838
Semyx LLC . . . . .	A3586
ShopData Systems Inc . . . . .	A1142
Soitaab USA Inc . . . . .	A2879
TECHNI Waterjet . . . . .	A3562
WARDJet Inc. . . . .	A4893
Waterjet USA LLC . . . . .	A2886

## **WELD BACKINGS**

Aquasol Corp . . . . .	B25061
BUG-O Systems . . . . .	B31018
Gulco International. . . . .	B33005
New Fire Co Ltd . . . . .	C41326

## **WELD CLEANING**

Ensitech Inc . . . . .	B33069
Lessmann Inc. . . . .	C41422

## **WELD CURTAINS**

Air Purification Inc. . . . .	C41504
Auburn Manufacturing Inc. . . . .	B24087

AVS Industries LLC . . . . . B36061

Dynatect Manufacturing Inc . . . . . A3209

Global Finishing Solutions . . . . . A6248

John Tillman Co . . . . . B33032

Kentek Corp Laser Safety Div . . . . . A3295

New Fire Co Ltd . . . . . C41326

Sellstrom Manufacturing Co . . . . . B31006

Shaver Industries Inc . . . . . C40725

Singer Safety Co . . . . . A6577

Steiner Industries . . . . . B33046

Winnox Industries Ltd . . . . . B30091

Wuzhou Ally Protect Co Ltd . . . . . B31098

## **WELD QUALITY MONITORS/ CHECKERS/SENSORS/MEASUREMENT**

American Friction Welding. . . . . C41410

Balluff Inc . . . . . A5405

Dengensha America Corp . . . . . B27049

Fischer Technology Inc . . . . . A6356

Hitachi High-Tech Analytical Science. . . . . B20106

Intercon Enterprises Inc . . . . . B23082

InterTest . . . . . B37040

ISEND SA . . . . . B40

Matuschek Welding Products Inc . . . . . B33085

Oasis Scientific Inc . . . . . A3124

Olympus America Inc . . . . . B17033

Ophir Spiricon LLC . . . . . C40912

plasma USA LLC . . . . . B33054

Servo-Robot Inc . . . . . B32034

SPECTRO Analytical Instruments . . . . . C41210

T. J. Snow . . . . . B17000

WeldComputer . . . . . B32066

Wire Wizard Welding Products. . . . . B35018

Xiris Automation Inc . . . . . B16030

**WELDING - ARC (GMAW) MACHINES & COMPONENTS**

Andersen Industries Inc . . . . . B29061

ARC Specialties Inc . . . . . B35047

ARCON Welding Equipment LLC . . . . . B26065

Bore Repair Systems Inc. . . . . C41501

BUG-O Systems . . . . . B31018

D/F Machine Specialties Inc . . . . . B31040

Dinse Inc . . . . . B18046

Encompass Machines Inc . . . . . B26074

ESAB Welding & Cutting Products . . . . . B17074

FANUC America Corp. . . . . A6563

FAW Tooling Die Manufacturing Co Ltd . . . . . C40115

Fronius USA LLC . . . . . B27020, B27025

Gulco International. . . . . B33005

Hangzhou Topwell Technology Co. Ltd. . . . . B36071

IRCO Automation Inc. . . . . . B18031

Lincoln Electric Co . . . . . B19021

Metal Man Work Gear Co . . . . . B37019

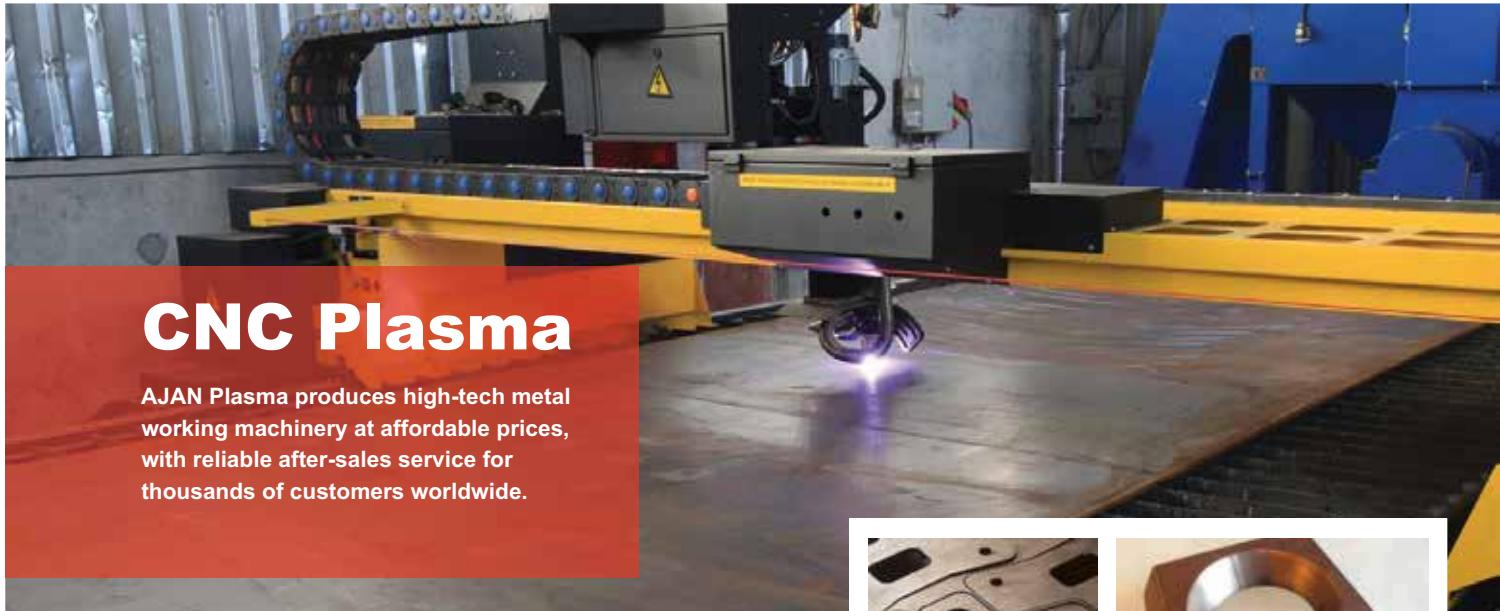
Miller Electric Mfg Co . . . . . B19037, B23034

MK Products Inc . . . . . B31013

Pador Marketing Group . . . . . B31087



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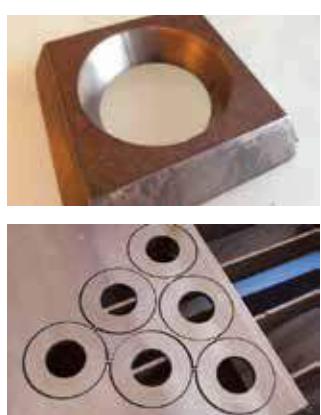
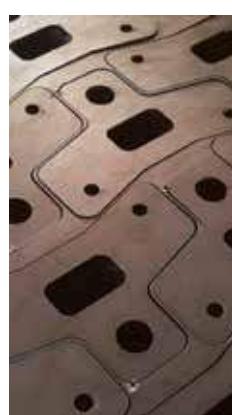


## CNC Plasma

AJAN Plasma produces high-tech metal working machinery at affordable prices, with reliable after-sales service for thousands of customers worldwide.

**Automatic beveling:** The optional AJAN 5-axis bevel head creates a variety of weld-prep profiles at up to 600"/min!

**Pipe-cutting:** The optional CNC pipe cutting attachment gives you full pipe processing capabilities on pipes up to 24" in diameter.



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## WELDING - ARC (GMAW) MACHINES & COMPONENTS

Panasonic Factory Solutions	
Company of America . . . . .	B23037
Pemamek Oy Ltd . . . . .	B21098
Praxair Inc . . . . .	B23049
Preston-Eastin Inc . . . . .	B32037
Pro Spot International . . . . .	C41307
SanRex Corp . . . . .	B28082
Shanghai Hugong Electric Group Co Ltd . . . . .	B27094
Shanghai Mealer Welding Equipment Co Ltd . . . . .	B20109
Shenzhen Huayilong Electric Co Ltd . . . . .	B31108
Sirecifier Electronics Technology Corp of Jiangsu . . . . .	C41518
STUAA Automation (Qingdao) Co Ltd . . . . .	C41217
Sumig Usa Corp . . . . .	B35059
Thermacut Inc . . . . .	B19045
Welding Alloys USA . . . . .	B32021
Weldobot Technologies Inc . . . . .	C41236
Welker Engineered Products . . . . .	B37031
York Portable Machine Tools . . . . .	B25068
Zhejiang Juba Welding Equipments Manufacturing Co Ltd . . . . .	C41508

## WELDING - ARC (GTAW) MACHINES & COMPONENTS

Andersen Industries Inc . . . . .	B29061
Arc Machines Inc . . . . .	B29047
ARC Specialties Inc . . . . .	B35047
ARCON Welding Equipment LLC . . . . .	B26065
CK Worldwide . . . . .	B31003
D/F Machine Specialties Inc . . . . .	B31040
Diamond Ground Products Inc . . . . .	B33037
Dinse Inc . . . . .	B18046
Encompass Machines Inc . . . . .	B26074
ESAB Welding & Cutting Products . . . . .	B17074
Fronius USA LLC . . . . .	B27020, B27025
Hangzhou Topwell Technology Co. Ltd. . . . .	B36071
IRCO Automation Inc . . . . .	B18031
Lincoln Electric Co . . . . .	B19021
Metal Man Work Gear Co . . . . .	B37019
Miller Electric Mfg Co . . . . .	B19037, B23034
Orbitalum . . . . .	B17037
Panasonic Factory Solutions Company of America . . . . .	B23037
SanRex Corp . . . . .	B28082
Shanghai Hugong Electric Group Co Ltd . . . . .	B27094
Shanghai Mealer Welding Equipment Co Ltd . . . . .	B20109
Sirecifier Electronics Technology Corp of Jiangsu . . . . .	C41518
STUAA Automation (Qingdao) Co Ltd . . . . .	C41217
Sumig Usa Corp . . . . .	B35059
Thermacut Inc . . . . .	B19045
Tip Tig USA LLC . . . . .	B21103

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Dengensha America Corp . . . . .	B27049
International Welding Technologies Inc . . . . .	B37017
JHP Fasteners Inc . . . . .	A3169
Keystone Fastening Technologies . . . . .	B25074
Matuschek Welding Products Inc . . . . .	B33085
Nelson Stud Welding Inc . . . . .	B33010
Pro Spot International . . . . .	C41307
RoMan Manufacturing Inc . . . . .	B18031
Southern Stud Weld Inc . . . . .	B24108
T. J. Snow . . . . .	B17000
TRU-FIT Products TRU-Weld . . . . .	B35056
Weld Systems Integrators Inc . . . . .	B33071
WeldComputer . . . . .	B32066

## WELDING - ELECTRON BEAM MACHINES & COMPONENTS

Cambridge Vacuum Engineering . . . . .	C41544
FOCUS GmbH . . . . .	B20083
Jiaxing Aerotec Precision Co Ltd . . . . .	C41528
PTR-Precision Technologies Inc . . . . .	B19061
Shanghai TAYOR Heavy Industry (Group) Co Ltd . . . . .	B19100

## WELDING - ELECTRONIC

UltraTech International Inc . . . . .	B21083
WeldComputer . . . . .	B32066

## WELDING - FIXED WELD AUTOMATION SYSTEMS

Abicor Binzel . . . . .	B19045
ALM Positioners Inc . . . . .	B15049
Andersen Industries Inc . . . . .	B29061
BUG-O Systems . . . . .	B31018
CMP Automation . . . . .	B18083
Encompass Machines Inc . . . . .	B26074
Fit Up Gear / Har-Bach, Inc. . . . .	B31030
International Welding Technologies Inc . . . . .	B37017
MITUSA Inc . . . . .	C41440
Pandjiris Inc . . . . .	B16006
Southern Stud Weld Inc . . . . .	B24108
Tip Tig USA LLC . . . . .	B21103
Weld Systems Integrators Inc . . . . .	B33071
Weldobot Technologies Inc . . . . .	C41236

## WELDING - INDUCTION MACHINES & COMPONENTS

eldec LLC . . . . .	B37041
Pillar Induction . . . . .	B13070
SAET Emmedi . . . . .	B13070
Seit Elettronica . . . . .	C41412
Taylor-Winfield Technologies Inc . . . . .	B32042
Ultraflex Power Technologies Corp . . . . .	B16100

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Alliance Laser Sales .....	C41330
ANDRITZ Soutec AG .....	B24083
Coldwater Machine Co .....	A3274
FOCUS GmbH .....	B20083
II-VI HIGHYAG .....	B32094
Imperial Systems Inc .....	B15061
Jenoptik Automotive North America LLC .....	A1039
Kentek Corp Laser Safety Div .....	A3295
LAP Laser .....	A2974
Laser Mechanisms Inc .....	B18057
Laserline Inc .....	B32084
Lasermet Inc .....	B33101
LaserStar Technologies Corp .....	A3007
OR Lasertechnology Inc .....	B106, B35037
Precio Inc .....	B28105
PTR-Precision Technologies Inc .....	B19061

**WELDING - MICRO WELDING**

FOCUS GmbH .....	B20083
LaserStar Technologies Corp .....	A3007
Matuschek Welding Products Inc .....	B33085
MK Products Inc .....	B31013
Mundt & Associates Inc .....	C40838
Rocklin Manufacturing Co .....	A2938
WeldComputer .....	B32066

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Arc Machines Inc .....	B29047
AXXAIR USA .....	B17082
E. H. Wachs .....	B17037
Encompass Machines Inc .....	B26074
Gulco International .....	B33005
MK Products Inc .....	B31013
Orbitalum .....	B17037
Serimax Holdings .....	B20084
Shanghai TAYOR Heavy Industry (Group) Co Ltd .....	B19100
Tri Tool Inc .....	B33013
Weldobot Technologies Inc .....	C41236

**WELDING - OXYFUEL MACHINES & COMPONENTS**

ESAB Welding & Cutting Products .....	B17074
Genstar Technologies Inc .....	B31058
Miller Electric Mfg Co .....	B19037, B23034
Ningbo Qisheng Welding Tools Plant .....	B30103
Uniweld Products Inc .....	B33052
WITT Gas Controls .....	B37028

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American Innovative Manufacturing LLC .....	C41612
ARCON Welding Equipment LLC .....	B26065
HTP America Inc .....	B22082
Miller Electric Mfg Co .....	B19037, B23034
Pro Spot International .....	C41307

Shanghai Mealer Welding Equipment Co Ltd .....	B20109
Shenzhen Huayilong Electric Co Ltd .....	B31108
UltraTech International Inc .....	B21083
Western Enterprises .....	B37045

Resistance Welding Machine & Accessory .....	B37021
RoMan Manufacturing Inc .....	B18031
RWMA - Resistance Welding Manufacturing Alliance .....	C41540
Seedorff Acme Corp .....	B25110
T. J. Snow .....	B17000
Taylor-Winfield Technologies Inc .....	B32042
WeldComputer .....	B32066

**WELDING - RESISTANCE (FLASH & UPSET) MACHINES & COMP.**

Automation International Inc .....	B23104
Edge Manufacturing Inc .....	C41209
Heron Machine & Electric Industrial Ltd .....	B28092
Ideal Welding Systems LP .....	B21094

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## WELDING - RESISTANCE (SEAM) MACHINES & COMPONENTS

ANDRITZ Soutec AG . . . . .	B24083
Automation International Inc . . . . .	B23104
Bruderer Machinery Inc . . . . .	A5025
CMP Automation . . . . .	B18083
Dengensha America Corp . . . . .	B27049
Edge Manufacturing Inc . . . . .	C41209
Heron Machine & Electric Industrial Ltd. . . . .	B28092
Matuschek Welding Products Inc . . . . .	B33085
Resistance Welding Machine & Accessory . . . . .	B37021
RoMan Manufacturing Inc. . . . .	B18031
Seedorff Acme Corp . . . . .	B25110
T. J. Snow . . . . .	B17000
Taylor-Winfield Technologies Inc . . . . .	B32042
WeldComputer . . . . .	B32066

## WELDING - RESISTANCE (SPOT) MACHINES & COMPONENTS

Aimtek Inc . . . . .	B25072
American Innovative Manufacturing LLC . . . . .	C41612
Automation International Inc . . . . .	B23104
Bihler of America Inc. . . . .	A5253
Bollhoff USA . . . . .	B33087
CMP Automation . . . . .	B18083
Dengensha America Corp . . . . .	B27049
Fronius USA LLC . . . . .	B27020, B27025
GE Schmidt Inc . . . . .	B31066
Heron Machine & Electric Industrial Ltd. . . . .	B28092
HOSO Metal Co Ltd. . . . .	B37071
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RoMan Manufacturing Inc. . . . .	B18031
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Matuschek Welding Products Inc . . . . .	B33085
Resistance Welding Machine & Accessory . . . . .	B37021
RoMan Manufacturing Inc. . . . .	B18031
T. J. Snow . . . . .	B17000
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Sellstrom Manufacturing Co . . . . .	B31006
Steiner Industries . . . . .	B33046
Techflex Inc . . . . .	A3193
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Kayo Products Co Ltd . . . . .	B37032
Ningbo Starex Welding & Cutting Tech Technologies . . . . .	B28098
Uweld Technologies Co Ltd . . . . .	B30092
Western Enterprises . . . . .	B37045
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American Weldquip Inc . . . . .	B15074
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Changzhou Huarui Welding & Cutting Machinery Co Ltd . . . . .	B26068
CK Worldwide . . . . .	B31003
D/F Machine Specialties Inc . . . . .	B31040
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MK Products Inc . . . . . B31013

PROFAK / LENCO . . . . . B17042

RoboVent . . . . . B19049

Sumig Usa Corp . . . . . B35059

Thermacut Inc . . . . . B19045

Tregaskiss . . . . . B23034

TRU-FIT Products TRU-Weld . . . . . B35056

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Uniweld Products Inc . . . . . B33052

Uweld Technologies Co Ltd . . . . . B30092

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Changzhou Shine Science & Technology Co Ltd. . . . .	B28071
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MK Products Inc . . . . .	B31013
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