Industrial Technology Events

2016 End-of-Show Report

September 12–17, 2016
McCormick Place, Chicago, IL

www.industrialtechnology.events
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Industrial Technology Events at IMTS 2016
Key Facts & Figures

The Industrial Technology Events at IMTS 2016 took place in Chicago, Illinois, USA, from September 12-17, 2016.

Powered by HANNOVER MESSE, five industrial sectors - Industrial Automation, MDA, ComVac, Industrial Supply, and Surface Technology North America presented:

- 490 exhibitors (IMTS total: 2,035)
- 90,751 ft² (8,431 m²) - (IMTS total: 1,370,257 ft²)
- 115,612 visitors (IMTS total)
- 18 countries (IMTS total: 117)
CO-LOCATED EVENTS

The best in industrial automation solutions were featured at Industrial Automation North America, a show that made its North American debut in 2012 co-located with IMTS. Featuring factory, process, and building automation, this event has distinguished itself as the place to see the automation industry’s most innovative solutions and technologies.

Motion, Drive & Automation North America offered the latest technologies and solutions in power transmission, motion control and fluid technology. This event brought industry experts and the latest innovations from all over the world to the North American market and solidified the Chicago events as the most comprehensive manufacturing show in this hemisphere.

Manufacturing industry professionals from all over the world attended IMTS to see more than 15,000 new machine tools, controls, computers, software, components, systems and processes that can improve their efficiency. They gained valuable ideas and insights from over 2,000 exhibitors from the metalworking industry.
Three new co-located Events

ComVac North America showcased compressed air and vacuum technology and cross-over technologies that are energy-efficient and sustainable, with a key role to play in the future of industrial production processes.

Industrial Supply North American covered industrial subcontracting and supply-chain solutions across the entire industrial value chain, as well as lightweight construction and innovative materials. Meet potential North American buyers from every area of industrial application.

Surface Technology North America featured products and solutions in industrial surface treatment and finishing – from cleaning and pre-treatment to coatings, paint finishes and electroplating.
The Global Automation & Manufacturing Summit 2016

Organized by CFE Media, Plant Engineering and Control Engineering, the Global Automation & Manufacturing Summit presented plant improvement strategies and allowed visitors to learn from industry experts.

Program:

**Keynote**
Jack Nehlig, President of Phoenix Contact USA
Winner of the 2015 Plant Engineering Top Plant Award, discussed his company’s initiatives on the Industrial Internet of Things, both as an industry supplier and as a manufacturer.

**Cloud-Based Manufacturing: Who Will Rule the Clouds?**
Rob McGreevey, VP Operations, Schneider Electric.
Rich Carpenter, Product General Manager, GE Automation and Controls.

**Robotics: Rise of the Machines**
Jose Rivera, CEO, Control System Integrators Association
Michael Lindley, Vice President, Business Development Concept Systems Inc.

**How Maintenance and Big Data Can Coexist:**
Sal Spada, Analyst, ARC Advisory group
Franz Gruber, CEO, Forcam
Aurelio Banda, CEO, Beckhoff Automation North America
Chris LeBeau, Global IT director, ATS
Integrated Industries Conference 2016

The inaugural Integrated Industries Conference brought together industry experts with the goal of addressing solutions to current manufacturing concerns, sharing new trends & best practices, and ultimately helping companies thrive in today’s dynamic manufacturing environment.

This conference tied in closely with technology on the show floor, and featured 4 tracks: Motion, Drive & Automation, Surface Technology, The Internet of Things / Industry 4.0, and Fluid Power.

Program highlights:

Track A – MDA

“Total Cost of Ownership: Electric Actuators vs. Pneumatic Cylinders”
Nick Holmgard, Product Marketing Engineer – Tolomatic

“Synchronous PM Linear Motor Motion Technology”
Jean-Marie Rennetaud – Hiwin

Track B – Industry 4.0 / Internet of Things

“What is Industry 4.0/IoT Leading Us and More Importantly For How Long? Why Should I Care?”
Prof. Dr. Juergen Kletti, CEO – MPDV USA, Inc.

“How the Industry 4.0 Philosophy Brings Greater Flexibility, Faster Turnaround Times, and Lower Costs to Design and Production”
Andrew Pritchard, Sales Director (Central Region) – Rittal

Track C – Surface Technology

“New Trends with Laser Texturing”
Chad Hase, Laser Project Manager – GF Machining Solutions

“CO₂-Based Atmospheric Spray Cleaning and Surface Preparation: Technology, Applications, Equipment Configuration, and Operating Costs”
Nelson Sorbo, Vice President of Research and Development – Cool Clean Technologies LLC
Fluid Power Track (Integrated Industries Conference 2016)
Presented by the National Fluid Power Association (NFPA)

Pneumatics and hydraulics continue to be a key component in the manufacturing process. Industry 4.0 and the increasingly smart factory are pushing the bounds of efficiency, speed, and communication. This conference track featured industry experts on how to adapt, optimize fluid power components, and maximize energy conservation.

Program:

“Energy Conservation in Pneumatic Systems”
Jon Jensen, Energy Conservation Group Manager – SMC Corp.

“How to Fix the Biggest Leak in Actuation Systems”
Dennis Mell, VP Manufacturing – Nexmatix LLC

“Compressed Air – Use Only What You Need”
Larry Brown, Corporate Sales Manager – Proportion-Air

“Energy Efficiency in Hydraulic Systems of Machining Centers”
Bob Pettit, CTO, North America – HAWE Hydraulik

“Optimizing Sensor, Actuator and Control Technology in Fluid Power Motion”
Peter Nachtwey, President – Delta Computer Systems

Steve Zumbusch, Director – Application & Commercial Engineering – Eaton Corp.
2016 OPC-UA Seminar

Hosted by the OPC Foundation, The Interoperability Standard for Industrial Automation.

The OPC-UA Seminar brings together OT (Operation Technology) and IT to report about standardized, secured interoperability for data and information exchange – from sensors to IT and cloud. Learn why OPC-UA has been selected for the German Industry4.0, how to integrate your machine to SAP quickly, and about Microsoft’s integration of OPC UA into Azure for big data and analytics.

Benefits of attending the OPC Seminar:

• Hear why end-users are requiring vendors to build OPC UA into their products
• Get latest update on OPC-UA technology and further roadmap enhancements
• Solutions for vertical markets and collaboration with PLCopen, AIM, MDIS, BACnet, MTConnect, Energistics & PRODML
• Learn how active collaborations with other industry organizations are working to revolutionize the transformation of data, providing an infrastructure for the modeling of information

• IOT and analytics: From sensor via OPC-UA-AMQP to Microsoft Azure cloud Systems
• Learn about Microsoft pushing OPC UA to run on Windows 7, 8, 10 but also Linux, iOS and Android platforms
• Smart Factory: Connect your machine in less than 30min to SAP-MES to orchestra SoA scenarios reshaping the automation pyramid
• Getting started: Deliverables, Stacks, SDKs – Certification, IOP, Virtual Interoperability
Special Display Areas

The IFPE Fluid Power Zone
Hosted by the National Fluid Power Association (NFPA), this area showcased the latest hydraulics and pneumatics products, technology and services.

German Pavilion
The German Federal Ministry for Economic Affairs and Energy (BMWi), in cooperation with the Association of the German Trade Fair Industry (AUMA) supported the German group participation for the second time.

The two initiating associations for the German joint stand ZVEI – the German Electrical and Electronic Manufacturers’ Association – as well as the VDMA – the German Mechanical Engineering Industry Association - accompanied the German delegation to provide professional advice for the respective economic branches.

Confindustria Italian Pavilion / Assofluid - Italian Fluid Power Association
Two Pavilions from Italy were organized by two different industry organizations:

1. Assofluid- the Italian Fluid Power Association- hosted 10 companies from the MDA and Industrial Automation sector. Assofluid’s 190 member companies employ 14,000 people and represent 70% of the Italian fluid power manufacturing sector.

2. Confindustria – the main organization representing Italian manufacturing companies – represented companies from the Industrial Supply and MDA sector. Confindustria is based out of Modena which ranks 8th for export among Italian provinces.

China Group Stand
The China Group Stand brought together 18 companies – demonstrating the latest and best solutions coming from this important Asian region – particularly in the Industrial Supply & MDA sectors.
Special Display Areas (Continued)

**Holland High Tech Pavilion**
Hosted by Koninklijke Metaalunie - the largest Dutch employers' organization for small and medium-sized enterprises active in the metal industry. The more than 13,000 affiliated members offer work to approximately 150,000 employees and jointly represent a turnover of more than 22 billion euros.

10 companies participated at the Dutch group stand in the Industrial Supply area.

**Korean Pavilions**
Two industry organizations hosted two different Pavilions:

1. The BEPA (Busan Economic Promotion Agency) represented 6 companies in the Industrial Supply sector.

2. The Bucheon Industry Promotion Foundation (BIPF) represented 8 companies in the Industrial Automation area.

**Taiwan Pavilion**
Hosted by the Taiwan Fluid Power Association (TFPA), the Pavilion brought together 10 companies presenting solutions and products of the fluid power industry.
2016 VIP Program / Industry 4.0 Guided Tours

This special program brought buyers, key companies and international visitor delegations to our exhibitors.

Exhibiting companies were asked to provide the company names and titles of their top prospects. If no contact information was provided, we researched the companies and identified the target contacts. We then sent out invitations and special offer to the VIPs including free registration, free conference passes, Industry 4.0-themed guided tours of the exhibit hall, and access to the VIP Lounge, which included refreshments, lunch, and a quiet place to meet, work and rest.

Participating companies were included on the guided tours and were able to set up meetings with their target customers.
IMTS Attendance Growth

The 31st edition of IMTS was the third largest IMTS by attendance since its inception in 1927 and showcased the highest number of exhibitors in its history (2,407)
Industrial Technology Events at IMTS 2016 Visitors

User Industries represented at the 2016 events:

- Aviation & Aerospace
- Building Industry
- Construction
- Consumer Goods
- Electrical Engineering
- Energy
- Food, Beverage, Tobacco
- Government, Public Authorities, Institutions
- Investors, Financing, Funding
- Logistics Equipment
- Machine Tool Manufacturing
- Machinery And Plant Construction
- Medical Technology
- Metal Industry
- Plastic & Rubber
- Research Institutes/Industry Research
- Service Industries
- Skilled Trades
- System Integrators
- Technical Planning/Architecture Offices
- Telecommunications
- Trade
The 2016 audience represents manufacturing companies from SME’s to large enterprises.

Almost every aspect of manufacturing attends the events from corporate management, purchasing to manufacturing/ production management and engineers.
2016 Visitor Profile - Purchasing Authority

- Identify the need for new products or equipment: 43%
- Gather information to evaluate alternative product: 39%
- Jointly make a buying decision with others: 34%
- Justify the purchase and/or select specific brand: 30%
- Make the final decision of give the final approval: 29%
- Have no role in buying the products shown: 18%
2016 Visitor Profile - Industry Groups

- 0.9% Other Electrical Machinery
- 0.9% Educators/Students
- 1.2% Engine & Turbines
- 1.4% Primary Metals
- 1.5% Construction & Mining Equipment
- 1.5% Banking, Finance, Consulting & Other Services
- 1.8% Military & Government
- 2.8% Electrical Machinery & Controls (NC/CNC)
- 3.0% Instruments & Controls (including Medical & Scientific)
- 5.8% Distribution
- 6.7% All Other Machinery (Assembly, Textile, Pump, Materials)
- 7.8% Autos/Transportation
- 8.7% Aircraft/Aerospace
- 15.9% Metalworking Machinery & Equipment
- 14.9% Job, Tool, Mold & Die Shop
- 9.9% Fabricated Metal Products
- 13.3% Other
- 0.8% Farm & Garden Machinery & Equipment
- 0.7% Computer, Office Machines, Etc.
- 0.3% Household Appliances
- *Includes IMTS 2014 attendees*
**2016 Visitor Profile - Product Categories of Interest**

<table>
<thead>
<tr>
<th>Category</th>
<th>Interest</th>
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<tbody>
<tr>
<td>Machining Centers</td>
<td>55%</td>
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<tr>
<td>Turning Centers &amp; Lathes</td>
<td>49%</td>
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<tr>
<td>Tools &amp; Tooling</td>
<td>49%</td>
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<tr>
<td>Milling, Drilling or Boring</td>
<td>38%</td>
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<tr>
<td>Quality, Testing, Measuring &amp; Vision</td>
<td>33%</td>
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<tr>
<td>Grinding &amp; Finishing Machinery</td>
<td>29%</td>
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<tr>
<td>Software/CAD/CAM</td>
<td>29%</td>
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<tr>
<td>Workholding Devices</td>
<td>29%</td>
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<tr>
<td>General Automation</td>
<td>25%</td>
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<tr>
<td>Additive Manufacturing</td>
<td>19%</td>
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<tr>
<td>Materials Handling/Storage</td>
<td>19%</td>
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<tr>
<td>Industrial Lasers</td>
<td>17%</td>
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<tr>
<td>EDM &amp; ECM</td>
<td>17%</td>
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<tr>
<td>Welding &amp; Joining Equipment</td>
<td>16%</td>
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<tr>
<td>Sawing &amp; Abrasive Cut-Off</td>
<td>15%</td>
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<tr>
<td>Forming &amp; Fabricating Machines</td>
<td>15%</td>
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<tr>
<td>Waterjet Cutting Systems</td>
<td>14%</td>
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<tr>
<td>Maintenance, Environmental &amp; Safety</td>
<td>13%</td>
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<tr>
<td>Components, Accessories, Attachments, Parts &amp; Materials</td>
<td>13%</td>
</tr>
<tr>
<td>Services: Engineering, Contract Manufacturing, Systems Integration, Financial</td>
<td>10%</td>
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<tr>
<td>Gear-making Machines</td>
<td>8%</td>
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<tr>
<td>Flame or Plasma Cutting</td>
<td>7%</td>
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<tr>
<td>Microsystems Technology</td>
<td>6%</td>
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<tr>
<td>Other</td>
<td>4%</td>
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</table>
Industrial Automation North America 2016 Exhibitors

451 Research
Abraham Innovations
Ace Electronics
Adel System Srl
Adlink Technology Incorporated
AIRTECH21 Co., Ltd.
Alfa Electric
Altech Corporation
Amerimation, Inc.
ANCA Motion
ATC Automation
Auspicious Electrical Engineering Co., Ltd.
Automation.com
Axcen Photonics Corporation
Balluff, Inc.
Beckhoff Automation
Beck IPC GmbH
Bedrock Automation
bersano Carlo S.p.A.
Binder USA

BLOCK Transformatoren-Elektronik GmbH
Bomatec International Corporation
Brainchild Electronic Co., Ltd.
B&G Industrial Automation
Bucheon Industry Promotion Foundation
Cabur Srl
Canon U.S.A., Inc.
CAPTRON Electronic GmbH
CFE Media
Cimon Inc.
Comark LLC
Components Express
Concept Systems
Daincube Corp.
DataRealm Solutions
Delta Products Corporation
DFK Industrial Corp.
Diakont
Dongying Hysen Water Processing Technology Co., Ltd.
Dr. Heinrich Schneider Messtechnik GmbH
Elmo Motion Control, Inc.
Enapros India
Energid Technologies
EPLAN Software & Services
Etalon-AG
EUMAX CORP.
eWON
FIAMA / Automation Continuum Inc.
Foerster Instruments, Inc.
FORCAM, Inc.
Force Robots LLC
Fulling & Ceiec Co., Ltd.
Gardner Media
G&G North America Inc.
Gear Technology / Power Transmission Engineering
German Group Stand
Germany Trade & Invest (GTAI)
GGT SRL/ GIOVENZANA
G H Media Business Pvt. Ltd.
GIE Media
Gie-Tec GmbH
Graessner
HARTING Inc. of North America
Helukabel USA, Inc.
Hortonworks
Humanistic Robotics, Inc
Hymark
icotek GmbH
I.L.M.E. S.p.A.
Industrial Andons, LLC
Innovalia Metrology
Insys Microelectronics GmbH
IR Robot Co., Ltd.
it’s OWL Clustermanagement GmbH
JetEazy System Co., Ltd.
Jiang Su Krius Machine Parts & Accessories Co., Ltd.
Kaefer Messuhrenfabrik GmbH & Co. KG
KEB America, Inc.
Kentucky Gauge
Kepware Technologies
<table>
<thead>
<tr>
<th>Company Name</th>
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<tr>
<td>Klemsan Electric Electronics Inc.</td>
<td>Naretrends</td>
<td>Radix Inc.</td>
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<td>KORDT GmbH &amp; Co. KG</td>
<td>NEXCOM</td>
<td>Radwell International, Inc.</td>
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<td>Lang Technovation Inc.</td>
<td>Nidec-Shimpo America Corp.</td>
<td>RedViking</td>
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<td>Lapp USA</td>
<td>Ningbo Degson Electrical</td>
<td>Rethink Robotics, Inc.</td>
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<td>Lika Electronic</td>
<td>Nitto Seiko Ltd.</td>
<td>Rittal Corporation</td>
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<td>Lite-On Technology Corp.</td>
<td>Nook Industries, Inc.</td>
<td>ROBOBLOCK</td>
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<td>Litmus Automation Inc.</td>
<td>Omative North America</td>
<td>Robotro</td>
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<td>LUTZE Inc.</td>
<td>OPC Foundation</td>
<td>Rockwell Automation</td>
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<td>Media Center powered by HANNOVER MESSE</td>
<td>Opto 22</td>
<td>ROLLON Corporation</td>
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<td>Mencom Corporation</td>
<td>Optris GmbH</td>
<td>SAB North America</td>
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<td>Meridian Laboratory</td>
<td>Ostling Marking Systems GmbH</td>
<td>Samil Tech</td>
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<td>MICRO EPSILON Messtechnik GmbH &amp; Co. KG</td>
<td>Panasonic</td>
<td>SCADAware</td>
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<td>Mitsubishi Electric Automation Inc.</td>
<td>PanelShop.com</td>
<td>Sercos International</td>
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<td>Modula</td>
<td>PANWEN INC.</td>
<td>Sesame Motor Corp.</td>
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<td>Modular Assembly Technology Co., Ltd.</td>
<td>Patlite (USA) Corporation</td>
<td>SGE Terminals &amp; Wiring Accessories Inc.</td>
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<td>Molex LLC</td>
<td>Pelican Industrial Inc.</td>
<td>Shanghai Xingyuan Dongan Electric Co., Ltd.</td>
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<td>Mondall Srl</td>
<td>Phoenix Contact USA Headquarters</td>
<td>Shenzhen Dingtuoda Electromechanics Co., Ltd.</td>
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<td>MS TECH</td>
<td>PMMI Media Group</td>
<td>SIKO Products, Inc.</td>
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<td>Nanjing Technical Equipment Manufacturing Co., Ltd.</td>
<td>Predator Software Inc.</td>
<td>Sino Age Development Technology, Ltd. (SADT)</td>
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<td>Nanotec Electronic US Inc.</td>
<td>Quadritalia Srl</td>
<td>Site Location Partnership (SLP)</td>
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<td>Spectrum CNC Technologies</td>
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<td>Sprinter Marking</td>
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<td>Strongarm Designs Inc.</td>
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<td>Suntech Advanced Ceramics (Shenzhen) Co., Ltd.</td>
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<td>System Insights</td>
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<td>Tapeswitch Corporation</td>
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<td>TEMA Technology Marketing AG</td>
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<td>Tennessee Industrial Electronics - Fanucworld</td>
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<td>Tolomatic</td>
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<td>Tosei America, Inc.</td>
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<td>Unitronics, Inc.</td>
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<td>VFV Vereinigte Fachverlage GmbH</td>
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<td>WAGO Corporation</td>
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<td>WDL Systems, LLC</td>
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<td>Wes-Tech Automation Solutions, LLC</td>
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<td>Yaskawa America, Inc. - Drives &amp; Motion Division</td>
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<td>Yuheng Optics Co., Ltd</td>
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<td>Zhejiang Jinfulong Machine Tool</td>
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Industrial Technology Events at IMTS 2016 Post Show Report
# MDA NORTH AMERICA 2016 Exhibitors

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<tr>
<th>Company Name</th>
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<tr>
<td>Advanced Scroll Technologies (Hangshou) Incorporated</td>
<td>ComInTec</td>
<td>Gambini Meccanica</td>
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<tr>
<td>Airtac International Group Taiwan Branch (Cayman)</td>
<td>Cone Drive</td>
<td>Goodway Rubber Industrial Co., Ltd.</td>
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<tr>
<td>Anson Hydraulics Industrial Co., Ltd.</td>
<td>Confidustria Italian Pavilion</td>
<td>Guarnitec Srl</td>
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<tr>
<td>API Srl</td>
<td>Czero, Inc.</td>
<td>Haiyan Hama Hardware Co., Ltd.</td>
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<td>Atlanta Drive Systems, Inc.</td>
<td>Dongguan Qingyu Machinery, Ltd.</td>
<td>Harmonic Drive LLC</td>
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<td>Austin Engineering Co., Ltd.</td>
<td>Eckerle Industrie - Elektronik GmbH</td>
<td>HAWE Hydraulik</td>
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<td>AZ Pneumatica Srl</td>
<td>Elettrotec Srl</td>
<td>Hexelus</td>
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<td>Bajrang Engineering Works</td>
<td>EPE Process Filters &amp; Accumulators Pvt. Ltd.</td>
<td>Hiwin Corporation</td>
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<td>Bimba Manufacturing Company</td>
<td>Eurotech Elite</td>
<td>Honbar Hydraulic Cylinder Components Ltd.</td>
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<td>BLCH Pneumatic</td>
<td>EUROTTRANS - EUROPEAN Committee for Power Transmission Engineering</td>
<td>HYDAC Technology Corporation</td>
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<td>CETOP - European Fluid Power Committee</td>
<td>EZO SPB-USA Precision Ball Bearings Japan</td>
<td>IC Fluid Power, Inc.</td>
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<td>CGI, Inc.</td>
<td>Fai Filtri Srl</td>
<td>IFPE Fluid Power Zone</td>
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<td>Cheng Dai Co., Ltd.</td>
<td>FD - Groups America</td>
<td>igus Inc.</td>
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<td>Federazione ANIE</td>
<td>IKO International</td>
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<td>Festo Corporation</td>
<td>Indofix International Pvt. Ltd.</td>
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<td>China Group Stand</td>
<td>Framo Morat Incorporated</td>
<td>Ningbo Fulong Synchronous Belt Co., Ltd.</td>
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<td>CM Hydro Systems Pvt. Ltd.</td>
<td>Fu-Long Metal Industrial Co., Ltd.</td>
<td>Ningbo Huajie (Sino Top) Hydraulic Machinery Co., Ltd.</td>
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<td>COG - C. Otto Gehrckens GmbH &amp; Co. KG</td>
<td>Gain Den Precision Co., Ltd.</td>
<td>Ningbo Jazzy Industrial Co., Ltd</td>
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<td>Ningbo New Century Bearing Co., Ltd.</td>
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<td>Ningbo Wieke Instrument Co., Ltd.</td>
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### MDA NORTH AMERICA 2016 Exhibitors (Continued)

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<th>Company Name</th>
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<td>Nippon Pulse America</td>
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<td>Vertex Fittings</td>
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<td>Nitty-Gritty srl</td>
<td>Seven Ocean Hydraulic Industrial Co., Ltd.</td>
<td>Vert Rotors UK Ltd.</td>
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<td>NRB Industrial Bearings Ltd.</td>
<td>Shanghai Yinin Bearing &amp; Transmission</td>
<td>Wandfluh of America, Inc.</td>
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<td>Shan Hua Plastic Industrial Co. Ltd.</td>
<td>Wittenstein North America</td>
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<td>NSK Americas</td>
<td>Sha Yang Ye Industrial Co., Ltd.</td>
<td>Wuxi Bele Industry Co., Ltd.</td>
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<td>Olson Aluminum Castings</td>
<td>Siboni srl</td>
<td>Xi’an Weinuo Machinery and Equipment Co., Ltd.</td>
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<td>OME Technology Co., Ltd.</td>
<td>Six Star Machinery Industry Co., Ltd.</td>
<td>YHM Springtech Machinery Co.</td>
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<tr>
<td>OP Srl</td>
<td>SolidCAM, Inc.</td>
<td>Yoke Industrial Corp.</td>
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<td>P.E. Precision Machinery Co.</td>
<td>Soltech Hydraulics Co., Ltd.</td>
<td>Yutien Hydraulic Industry Co., Ltd.</td>
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<td>Poggi Spa</td>
<td>Spectronics Corporation</td>
<td>Zhejiang Flexible Technology Co., Ltd.</td>
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<td>Polaris Motion</td>
<td>Stober Drives Inc.</td>
<td>Zhejiang Lanxiang Bearing Co., Ltd</td>
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<td>Proportion-Air, Incorporated</td>
<td>SUCO Technologies</td>
<td>Zimmer Group US Inc.</td>
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<td>PULSGETRIEBE GmbH &amp; Co. KG</td>
<td>Super Unique Enterprise Co., Ltd.</td>
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<td>Pun Teh Industrial Co., Ltd.</td>
<td>Taiwan Fluid Power Association</td>
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<td>RECKON DRIVES</td>
<td>THK America Inc.</td>
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<td>RHEINTACHO Messetechnik GmbH</td>
<td>TTP, an API Heat Transfer Company</td>
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<td>R+W Coupling Technology</td>
<td>UTEC (Suzhou) Sealing</td>
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<td>Samanjas Udyog Private Limited</td>
<td>Solutions Co., Ltd.</td>
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<td>Schneeberger, Inc.</td>
<td>VDMA Power Transmission Engineering and Fluid Power</td>
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<td>Setec Group</td>
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</table>
ComVac North America 2016 Exhibitors

Aerzen USA Corporation
Alkin Compressors
Aydin Trafo Mak. San. A.S.
BOSS INDUSTRIES LLC
Compressed Air Systems LLC
CS Instruments GmbH
Doosan Portable Power
DV Systems Inc.
FS-Curtis
FS-Elliott Co., LLC
Ingersoll-Rand Company
Isel
Jia Meng Electric Co., Ltd.
Lupamat Makina Sanayii A.S.
MANN+HUMMEL USA, INC.

Mehmet Ozen Makine Sanayi ve Tic.Ltd.St.
Ningbo Tonsin Machinery Industry Incorporated
OMEGA AIR d.o.o. Ljubljana
Pranav Engineering
ROTORCOMP
SARMAK Compressors
(Sino-USA) Dafeng Lida Compressed Air Systems Co., Ltd.
Sotras Srl
TEC.MA s.r.l.
TG Filter Srl
TM.P SpA - Termomeccanica Pompe
VAT, Incorporated
Wenling Xinlei Air
Compressor Co., Ltd.
Industrial Supply North America 2016 Exhibitors

Allied Sundar Corporation
ARC United Corporation
Avantek Precision Components Pvt. Ltd.
Baumfolder Corporation
Bemet International BV
BEPA (Busan Economic Promotion Agency)
Betech Group
Bonanza Metal Products Co., Ltd.
Chang Da Precision Industry Co., Ltd.
Changzhi Huayang Machinery & Electric Co., Ltd.
Changzhou FTX Motors Co., Ltd.
China Group Stand
Cixi Ciguang Synchronous Belt Co., Ltd.
Core-TeQ USA
Dell, Inc.
Del Technologies, Inc.
Dome Labels / Tuff Labels
Dong Kang Metal
Dutch Diamond Technologies BV
Eceee Group
Elyon Industry Co., Ltd.
EMO Hannover 2017
EUNSUNG CO., LTD.
Frankenhuyzen - pcdendmill.com
Freeze Cast Europa, S.L.
FUNDICIONES AIZPURUA, S. A.
Fundigex
FUNVISA, S. A.
Golden Gear Machinery
Gold Express International Incorporated (Citimetal Group Corporation)
Goodwill Precision Machinery Co., Ltd
GP International
GUIVISA, S. L.
GURELAN, S. A.
Gunter Kühner GmbH
hannoverimpuls GmbH
Hannover Lounge
Hannover Marketing & Tourismus GmbH
Hanshin Indus Co Ltd.
Hebei Shinning Metals Co., Ltd.
HEMA Machines und Apparateschutz GmbH
HEMA North America, Inc.
Herding Filtration LLC
H-Locker Components Inc.
Holland High Tech Pavilion
Huangshan Jija Transmission Machinery Co., Ltd
ILHUNG Co., Ltd.
ILSCO
Jakap Metind Pvt Ltd
Jiangsu Sainty Machinery I/E Corp. Ltd.
Jiashan Dick Precision Machinery Co., Ltd
Jinan Golden Bridge Precision Machinery Co., Ltd
Leipold Group (Hora-Werk GmbH)
Lemire Precision Inc.
Lubrication Systems Fritsche GmbH & Co. KG
M4U S.R.L
Machinefabriek Amersfoort
Movexx
New Die Casting Foundry
Ningbo Dongzhou Transmission
Ningbo E.H. Hydraulic Co., Ltd.
Ningbo Jiwei Melt Mould Casting Co., Ltd
Ningbo Longye Hydraulic Manufacture Co., Ltd.
Ningbo Ophte Rubber Co., Ltd
Ningbo Vicks Hydraulic Co., Ltd.
Omnitech Engineering
Partners Lab Co., Ltd.
Pittie Polymers
Poepelmann GmbH & Co. KG
Q Plus Technologies Private Limited
Respect Her Industrial Co., Ltd.
Roytek & 3X Motion Technologies Co., Ltd.
Ruian Jiulong Fasteners Factory
SAKANA, S. COOP
SAMIL P&F CO., LTD.
Shanghai Bangye Pneumatic & Hydraulic Components
Shanghai Jizhou Chemicals Co., Ltd
Shanghai Vision Mechanical Joint Co., Ltd.
Shiv-Om Brass Industries
Sotek Technology Co., Ltd.
Stone Metals America
Suyash Impex Private Limited
Suzhou Lide Harmonic Reducer Co., Ltd.
Taiwan Neyfuh Electron Co., Ltd.
Taurus International
Tecniforja
TM Induction Heating
TourismusMarketing Niedersachsen GmbH
Unispares
United Global Sourcing, Inc.
Vernal Manufacturing & Engineering Co., Ltd.
Yong Ju Machinery Co. Ltd.
ZASCHE handling
Zhejiang Songqiao Pneumatic and Hydraulic
## Surface Technology North America 2016 Exhibitors

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<th>Company Name</th>
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<tr>
<td>4D Technology Corporation</td>
<td>LASERLINE GmbH</td>
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<td>AGTOS GmbH</td>
<td>Lion Precision</td>
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<td>Arcotest GmbH</td>
<td>Lotar Enterprises</td>
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<td>Bruker Corporation</td>
<td>LPW Reinigungssystems GmbH</td>
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<td>Bruelin &amp; Co., Incorporated</td>
<td>Ludy Galvanosysteme GmbH</td>
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<td>BvL Oberflaechentechnik GmbH</td>
<td>MecanoLav Ridel SAS</td>
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<td>Cogem Europe Srl</td>
<td>Micro Surfaces GmbH</td>
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<td>DMP Corporaton</td>
<td>POLIGRAT GmbH</td>
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<td>Doerken MKS-Systeme GmbH &amp; Co. KG</td>
<td>Rapid Coating Solutions</td>
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<td>Fischer Test Tinten</td>
<td>Sampas GmbH</td>
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<td>German Group Stand</td>
<td>stoba Sondermaschinen GmbH</td>
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<td>Glaeser GmbH</td>
<td>Stronghold Coatings Sys.</td>
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<td>Hirscheider GmbH</td>
<td>Surface Alliance</td>
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<td>Hoeckh Metall-Reinigungsanlagen GmbH</td>
<td>Tantec Est, Inc.</td>
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<td>Hosel GmbH</td>
<td>Vapor Technologies Inc.</td>
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<td>Indelco Plastics</td>
<td>Venjakob Maschinenbau GmbH &amp; Co. KG</td>
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<tr>
<td>InfoBoard USA LLC</td>
<td>WMV Apparatebau GmbH</td>
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<tr>
<td>Krautzberger GmbH</td>
<td>X-RAY LAB der B&amp;H Schneider GmbH</td>
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</tbody>
</table>
Shane Novacek, Marketing Communications Manager, Beckhoff
“Our IoT hardware and software solutions demonstrated at Industrial Automation North America drew a huge number of high-level engineers, machine builders and household name manufacturers who attended this year’s show. We’ve consistently exceed our trade show return on investment.”

Eiji Tanaka, General Manager of Sales Planning, THK America
“Our new linear motion system proved extremely popular with visitors from around the world. THK America significantly expanded its footprint at MDA North America this year. We were so happy with the booth location and the thousands of sales leads we generated at the show that we have already signed up for MDA North America 2018.”

Larry Grimenstein, President, Stronghold Coatings
“We were extremely pleased with the high-quality of the visitors looking to source solutions for their sealer problems. Because our sealers and coatings are so highly specialized, we interfaced with more Surface Technology North America show visitors than we originally expected.”

Richard E. Toth, Vice President & General Manager, Taurus
“We attended HANNOVER MESSE 2016 and felt Taurus would be well served to attend the new Industrial Supply North America trade show. We did secure a number of solid sales leads from the event after meeting decision makers from a variety of industries.”

Scott Rohlfs, Director of Marketing, Mitsubishi Electric Automation
“Industrial Automation North America 2016 was an outstanding show for us. We targeted users from all over the Americas and were very satisfied with the new business contacts this year’s show produced. We look forward to returning to Industrial Automation North America 2018.”
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PHOTO GALLERY

Industrial Technology Events at IMTS 2016 Post Show Report

Deutsche Messe

HFUSA - 10/24/16
Industrial Technology Events

September 10–15, 2018
McCormick Place, Chicago, IL

www.industrialtechnology.events
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**Reasons to exhibit**

In 2018, Chicago will once again host the largest and the most comprehensive manufacturing technology event in the Western Hemisphere!

Here are other reasons why 2018 is must-participate event:

- Continued growth! Our co-located shows have transformed IMTS from a metalworking-centric show to a one-stop shop for the entire spectrum of industrial & manufacturing technology.
- With Industry 4.0 in its infant stages and a “fourth industrial” revolution underway – IMTS & our co-located shows provide an unparalleled resource for manufacturing companies to discover the newest and most-cutting edge technology.
- Access to 110,000+ attendees from 110+ countries, 29% of which have the final say in purchasing decisions.
- Benefit from national and international media presence, connect with global business delegations
- Conference sessions dedicated to bringing together world-class innovators, technologists, and product experts with the goal of sharing knowledge and driving change in today’s dynamic manufacturing environment.
- The US continues to be the largest consumer market in the world, making up almost 27% of the World’s consumer market.
- The resurgence of domestic manufacturing continues to fuel the economic growth of the US.
- Due to competitive labor and energy costs, and the desire to be closer to their customers, many US companies are reshoring the production in the US.
- US manufacturers continue to invest in automation and other efficient technology/solutions in order to gain/maintain competitive advantage over foreign production.
- The North American Free Trade Area (NAFTA) has a market value of over $20 trillion and 470 million consumers in 2016.
- According to the Association of Manufacturing Technology (AMT), US manufacturing technology orders totaled $2,431.93 million in 2016, and the market is expected to make a strong resurgence in the second half of 2017.
SEE YOU IN CHICAGO IN 2018!