NEW PRODUCT PREVIEW

A Sample of New Products Set to Debut at FABTECH 2015

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UNLEASH A NEW TIGER

TIGER X

The NEW Tiger X flap disc raises the bar for professionals who are driven to get the job done right—and done fast. Tiger X holds nothing back with its industry-first X3 Technology that combines an advanced grain anchoring system, dual flap design and engineered backing. The result is a disc that delivers the ultimate combination of faster grinding, longer life, and greater versatility. For those who demand uncompromising performance in a disc that doesn’t quit there’s only one choice, Tiger X.

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METAL MAKES LIFE MORE productive

As an industry, the products we make improve daily life — providing safety, convenience, comfort, energy and so much more. At FABTECH 2015, you'll get full access to the people, processes and solutions needed to make it all possible and profitable. Make plans today to discover the resources for improving your bottom line. Register to attend at fabtechexpo.com.

WORLD-CLASS EXHIBITS
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FABTECH fosters the exchange of ideas and innovation for growth-focused products and services. Visit with over 1,500 exhibiting companies, talk to the technical experts and learn what's new — and what's next. Review a list of exhibiting companies on pages 5 – 9 in this brochure.

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- 1,500+ exhibiting companies
- 650,000+ net square feet of floor space
- 40,000+ attendees
- 100+ education sessions, including content for every role
- Inspiring keynote speakers
- All industry networking event

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How to Register
Register today online at fabtechexpo.com. Or, download a printer-friendly registration form from the Web site and fax to (508) 743-9696.

Show Hours
Monday, November 9 — 10:00 AM – 6:00 PM
Tuesday, November 10 — 9:00 AM – 5:00 PM
Wednesday, November 11 — 9:00 AM – 5:00 PM
Thursday, November 12 — 9:00 AM – 3:00 PM

Show Admission
Exhibit-only attendance is FREE through November 6, 2015. Beginning November 7, 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.

EXCITEMENT AWAITS IN CHICAGO

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EXHIBITOR LIST

FABTECH® 2015 NEW PRODUCT PREVIEW

EXHIBITOR LIST

Tool Company
Millner Haufen
MIE Solutions Inc
Micro-Surface
Metals Technologies Int'l
Monroe Environmental
MTA-USA LLC

FORMING & FABRICATING

Muller - Load Containment Solutions
Multicam Inc
Murata Manufacturing USA Inc
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National Sheet Metal Inc
Nebraska Public Power District
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Pnuatic
Polyurethane Products Corp
Precision Saw Inc
Precico Inc
Press Brake
Safeguard Security
Prestige Equipment Corporation
Presto Lifts Inc
Primac Metal Fabrication Inc
Prima Power USA Inc
Prodexco Industries Inc
Production Tube Cutting Inc
Project Tool & Die Inc
Python-A Lincoln Electric Company
Queenstown Tenga
Fine Casting Co Ltd
Quard Ltd Liangyungang
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RAS Systems LLC
Reactive & Alloy Metals Industries Inc
Red Bud Industries
Reko Industries LLC
Rhino Cutting Systems
Richardson Electronics, Ltd.
Rigidized Metals Corp
Rockin Manufacturing Co
Roll Forming Corp
Rolled Alloys
Roller Die + Forming Co
Rosler Metal Finishing USA LLC
Rousseau Metal Inc
Salinas Die Casting Co
Salvagnini America Inc
Samco Machinery Ltd
Sawblade.com
SB Whistler & Sons Inc

FORMING & FABRICATING

SBFM Makine San Tic Ltd Sti
Schiindler America Inc
Schnetzer USA
Schmitz Industries Inc
Sealea AU Inc of Jason Inc
Semyx LLC
Sentum SpA
Service Lamp Corp
Servo Products
Shaking Inon
Shawnee Products
Shanghai Dong Hai Machinery Co Ltd
Shijiazhuang Ropa Import & Export Co Ltd
Shop Data Systems Inc
Shoptek Software
Shropshire
SIC Marking USA Inc
SICK Inc
SidePlate Systems Inc
Sijers Engineering
SignaVest Systems
SME
Sotaab USA Inc
Solar Atmospheres
Soph Magnetics
SPANDO USA Inc
SPG USA Inc
SPI Lasers UK Ltd
Stainless Structural LLC
STAM SPA
Starcyls Industries
State of Wyoming
Steel Craft Technologies
Steel Storage Systems Inc
Stor-Loc Corp
Striker Systems
Strumil's LLC
Sugar Steel Corp
SUNS International LLC
Superior Joining Technologies Inc
SuperMax Tools
Supra Machine Tool
System
Tab Wrapper Tornado
Tapesco
Tape Technologies
Tangallia Import Co Ltd
Tanggera India Inc
Tandon Machine Tools Inc
Tanioi Toyo Union
Tangy Technology Co Ltd
Tata Steel
Tar Sheetmetal Fabrication
Tecnam
Tema Metal
Tempco Industrial Systems
Tennant Corp
Tequick
Tesla
Telematic Elements
Tecnologia Srl
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Telescopic Logistics
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Temperature Control
Teralloy Industries
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Terum Co
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TetraDole
The Extractor
The FABRICATOR
The M K Morse Company
The RGI Group
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Thermal Dynamics
TigerTool SPC
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Toromatic
Toskar Machinery
Trinity Machine Tools Inc
TruLaser Inc
TRUMPP Inc
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TYKOMA Technologies
Tyrolit Industrial Abrasives
Unipunch Products Inc
United Global Sourcing Inc

FORMING & FABRICATING

Unitool Punch & Die
Uniswiss Inc
US Industrial Machinery
US Jackson Inc
V&B Galvanizing LLC
Vartek Machine
Volk Machina San
Vernon Tool
Vidir Machine Inc
Vincenzo Lad
cVergleich Technologies Inc
VICS - Knowledge Share
Voorman Corporation
Votex
Walker Magnetics
Wang Lung Engineering
Warped Technologies
Wein Engineering
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Wemo International
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METALFORM

3D Systems, Cimatron
AAF International
ABC Metals Inc
ACB - CYRIL BATH
Accurate Die Design Inc
Logopress3
Accufil
Admiral Steel LLC
Agathon Machine Tools Inc
AIDA-America Corp
Airlac
Alcos Machinery
Alliance Manufacturing Inc
Allis Manufacturing Inc
Alphadex Industries Inc
Amena Machinery
Almei Inc
Almetools Co
Alro Steel Corporation
Amstek Metal
Anchor Daily
Anchor Manufacturing Group Inc
ANSYS SpaceClaim
AP&T North America Inc
Apple顿 Manufacturing Div
Aquafild
Arisa SA
ART Industries Technology
ASC Machine Tools Inc
Ashland Aluminum Co
Associated Spring
RAYMOND
Atlaii Software

METALFORM

AutoForm Engineering
USA Inc
Automated Tapping
Systems
Automatic Feed Company
Bachman Machine Co
Ball Bros Machine
Baltuff Inc
Batesville Tool & Die Inc
Beckwood Press Co
Benjamin Hausmann GmbH
Best LLC
BesTech Tool & Die Co
Bie Se A
Big Ass Solutions
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Biz Vibrator
Technology Inc
Black Hills Corporation
Bohler Uddevall Corp
Brower Control Solutions Inc
Browne
Brogan Machine Co Ltd
Bruderer Machinery Inc
Bunting Magnetics Co
Chryssi Metals
CHS Automation
CIECO Inc
Clayton Metals
Cleveland Metal Exchange Inc
Cliers & Clamps Industries
Closed Loop Recycling
COE Press Equipment
Cogistical Inc
Cold Armor Ltd
Cometel S
Dalian Leading Metal Ltd
Dallas Industries Inc
Damco
DATTON Laminia
Corporation DELTA Computer Systems Inc
Delta Industrial
DESCH Canada Ltd
Die Cad Group Inc
Diehl Steel Co Inc
Digital Lumen
Doerfer Companies -
TOS Automation/Wright Industries
Dongguan A-one Metal Co Ltd
Dongguan Changhong Metal Technology Co LTD
Dongguan Qiangfa Metal Co Ltd
Dongguan SYH Tooling Co Ltd
Dongying Haifei Machinery Co Ltd
DTC Products Corporation
Dynamic Superior Casters
Eagle Precision Dynamics
Eagle Certification Group
Eagle Press & Equipment Co Ltd
Eagle Cutting Technology Inc
ECI MT
Eagle Tool and Machine
Electro Industrial Solutions
Elizabeth Carbine
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Engineering Technology Associates Inc
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Global Metal Spinning
Solutions Inc - DMD
USA Metal Forming
Goessling USA Inc
Golf Inc
Glass Checkpoint Fixture
Manufactures Co Ltd
Glatte Inc
Green Valley Manufacturing Inc
Greenner Press & Bunting Magnetics Co
Gruber Tools & Die Inc
Guanghe Industry
(Hong Kong) Co. Ltd
Haas Gangwer Inc

Industrial
Hermes International
Houghton International Inc
HTM Sensors
Hutchinson Tool Sales Co
HYSION Metal Forming Solutions

IKOM Inc
IMCO Inc
Industrial Innovations
Industrial Machinery Digest
Intercomp
International Technology
International Chemical Co
IRMO Inc
ISGEC Heavy Industries
Jarvis Cutting Tools Inc
JIER North America
JL Automation Inc
J-Tech
Kaeser compressors Inc
Kent Corp
Kodina Co Ltd
Koexit Technology Inc
Komatsu America
Lewis Manufacturing Inc

Industrial
Koexc USA
Kynzer Corporation
Lapeyre Stair Inc
Larson Tool & Stamping
Lasercut Technologies
LATROBE Speciality
Steel Distribution
Lauffer GmbH & Co KG
Lee Contracting Corp
Leifeld Metal Stamping AG
Lenzes Clamping Tools Inc
Linear Transport
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Safety Control
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Macodyne
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Mantovano Tool &
Manufacturing LLC

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MDS Fastening Systems
Mecanica Rossi
Metallcorp
Metalhurst
Midwest Manufacturing
MIC Engineering &
Technology Inc
Moeller Precision Tool
Multipress Inc
Ndalena Inc
National Kok nickel Metal
Neff Press Inc
Netherlands Consulate
General
NGK Metals Corp
Nidec Minster Corp
 Ngo gaoen Machinery
Manufacturing Co Ltd
ODM Tool &
Manufacturing Co Inc
Oerlikon Beggars
Coating USA Inc
OGS Industries
OMIC North America
OMCO
Oriental Casting Inc
Oumen Corporation
Of America
Ottawa Inc
Otto Bihler
Maschinengfabrik GmbH
& Co
Ozkoc Hidrolik
Makina San Ve Tic A2
P&G Fluid Power Inc
Piva Industries Inc
Pacsetters Systems
Paper-Less LLC
Paulo Products Co
Pax Machines Inc
Pax Products Inc
Penn United Technologies Inc
Penntech Engineering
Petersen Spring
Philipp Rubber
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Plex Systems
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**NEW PRODUCT PREVIEW**

**EXPLORE NEW PRODUCTS**

The following pages in this *New Product Preview* offer a glimpse of what’s in store at FABTECH. Find descriptions and images of new machinery, new materials and new processes listed by technology and company name. To view a complete list of all the new products offered, click on the Exhibitor Search tab at fabtechexpo.com.

### Arc Welding

**ABICOR BINZEL**

Booth ............. N11045

CR 1250

Water-cooler for MIG welding systems (115 V). The CR 1250 is designed for maximum cooling and easy maintenance. The 1.59 gallon coolant reservoir minimizes coolant usage and reduces maintenance costs.

**Arc Specialties Inc**

Booth ............. N8045

ARC-05HVTe Horizontal Vertical

The ARC-05HVTe welds at high deposition 8 lbs per hour using one wire. It makes automatic geometric adjustments during welding, allowing for elbow cladding. This system automatically welds cylindrical parts in horizontal, vertical, or angled orientation.

**Changzhou Wow International Trade Co Ltd**

Booth ............. N18087

WOW 50-6

WOW 50-6 GMAW, GB ER50-6, AWS ER70S-6. The WOW 50-6 is a copper-coated solid welding wire.

**D/F Machine Specialties Inc**

Booth ............. N20066

D/F Water-Cooled 650 Amp MIG Pistol Grip Gun

The D/F Machine Specialties water-cooled MIG pistol grip gun is built for heavy duty applications running up to 650 amps continuously and putting down .035”-1/8” hard, cored, and aluminum wire.

**Dinse Inc**

Booth ............. N26037

LITE torch

The LITE torch offers smart rotation of +/ - 260 for highest precision, gas or liquid-cooled. Comes with or without wire brake, nozzle sensing or shock sensor (electrical switch).

**Dinse Inc**

Booth ............. N26037

LITE torch

The LITE torch offers smart rotation of +/ - 260 for highest precision, gas or liquid-cooled. Comes with or without wire brake, nozzle sensing or shock sensor (electrical switch).

**Elderfield & Hall / Pro-Fusion**

Booth ............. N20067

Elderfield & Hall / Pro-Fusion

Plasma Welding 2.0

A complete plasma welding package that connects to almost any existing GTAW power supply. Increased travel speeds, narrower HAZ, fewer tungsten changes and consistent arc starts mean greater productivity.

**Electron Beam Technologies Inc**

Booth ............. N23025

Straight ‘N Easy

Heavy duty Straight ‘N Easy is a corrosion resistant, wire straightener for all types of continuous feed electrodes from 5/64” to 3/16”.

**Fronius USA LLC**

Booth ............. N18020

TPS/i Robotic Welding

Fronius introduces its new TPS/i robotic welding system. Intuitive interfacing and advanced weld processes combine to deliver an easy to use welding arc that works to improve all welds no matter how imperfect the conditions.

**Goodweld Corp**

Booth ............. N22108

Nickel Base Alloy Electrode GNC 112

The GNC112 is a low hydrogen type nickel base electrode. Mo&Nb is contained in the weld metal to offer good heat and corrosion resistance. Also offers welding of similar grade of nickel base alloy, 9%Ni steel and overlay to carbon, stainless and Ni steels. Good low temperature impact toughness.

**International Welding Technologies Inc**

Booth ............. N28028

LYNX Fusion

LYNX Fusion is a micro-controlled arc stud welding system capable of welding 1/2” full base fasteners with ferrules or gas. Its easily readable high contrast display has a multitude of features while offering a simple three button user interface.

**SMK Co Ltd**

Booth ............. N11089

Mamecon Tips for Arc Welding

The Mamecon Tip, which divides conventional types into two pieces, is environmental friendly and resource-saving.
Tip Tig USA LLC
Booth ............ N28049
Portable Suitcase
Feeder Systems

Tip Tig USA LLC introduces its TIP TIG portable field units available in 8” spool and 12” spool wire feed systems.

Witt Gas Controls
Booth ................ N28066
Gas Mixers for AWS A5.32 / A5.32M Requirements

Witt Introduces a complete line of gas mixers that maintain the gas mix according to AWS A5.32/A5.32M and ISO 14175 standards for mix gas quality. 2 and 3 gas mixtures are possible. Available with multiple flow ranges from 700 to 10000 SCFH.

Weld Engineering Co
Booth ............. N13025
FTV-3000 Automatic Flux Transer Valve

The FTV-3000 for submerged arc welding transfers recovered submerged arc flux from the recovery hopper to the lower pressure feed tank. The operator simply pushes a button to add new flux.

ALM Positioners Inc
Booth ................ N26049
MHL1P Heavy Duty 3 Axis Single Column Positioner

Three axis 6,000 lb. capacity positioner requires no special foundation and is ideal when total product access is needed. 68.5” vertical travel in 40 seconds; 4 hp column mount hydraulic unit with pendant controlled x,y,z axis; 360° rotation option.

J-Tech
Booth .............. S4353
Clip Nut In-Die Assembly, Tooling & Feeder

J-Tech supplies a system to auto feed and install clip nuts within progressive / transfer dies. The clip nuts are orientated in a feeder bowl and blown into the in-die tooling escapement head. The clip nut is then inserted into the part automatically.

Introducing Tri Tool’s newest addition to our precision tube squaring solutions. The Model 301.5 SP, designed with your safety as our top priority.

TRI TOOL
BUILDING PERFORMANCE
Assembly
Otto Bihler Maschinenfabrik GmbH & Co
Booth .................. S4784
Servo-Production and Assembly System Bimeric

With the BIMERIC servo-controlled production and assembly system Bihler offers users an ideal platform for their assembly manufacturing.

WESPRO Power Tools/TAP-RITE Tapping Systems
Booth .................. N21106
E-TAP Tapping System

E-Tap Tapping System options include: 220V single phase, 44″ reach, 5/8″ capacity, quick change tap chuck, manual/auto modes, variable forward/reverse speed adjustment, auto pitch/depth control, deep hole tapping mode, large easy to read display and cast aluminum construction.

Bending/Forming
Accurl
Booth .................. C720
Hydraulic CNC Press Brake

Accurl introduces its hydraulic CNC press brake WC67Y-125Tx320 hydraulic bending machine.

Amada America Inc
Booth .................. S901
Amada’s EG 6013 AR — Robotic Bending Cell

The EG 6013 AR combines the power and precision of a servo electric press brake with an advanced bending robot. It’s the ideal high-speed solution for small, complex parts, providing for unmanned processing of difficult-to-handle small parts.

Baileigh Industrial Inc
Booth .................. S1780
RDB-480

The RDB-480, a new entry into Baileigh Industrial’s line of Rotary Draw Benders is designed to have enough power to bend 4″ schedule 40 pipe.

Bihler of America Inc
Booth .................. S4784
Bihler 4Slide-NC

Numerically controlled 4Slide machine with a production speed of up to 250 ppm, offering tooling compatibility, affordable and reliable servo technology, Internet of Things Inside and Instant Setup Readiness.

BOLDRINI Srl
Booth .................. S3357
BOLDRINI PAO 600

Boldrini srl introduces the PAO 600 ton x 5200mm Hydraulic Dishing Press and MSFT 80 (8 ton) Automatic Manipulator.

C Marshall Fabrication Machinery
Booth .................. S3562
Plate Straightening Machine

MG introduces its SP line of straightening machines. These machines are able to eliminate all forms of curvature and undulation of the metal sheet plate.

Cidan Machinery Inc
Booth .................. S3184
PRO Z

Cidan is releasing its PRO Z up-down folder. With a 9ga (4mm) x 126″ (3200mm) folding capacity the PRO Z will allow operators to form heavy material without flipping the part over for reverse bends.

Comco USA Inc
Booth .................. N2064
TMS-30E Electric Series

TMS series CNC bender offers a lower cost option while retaining quality, speed, and flexibility. Comco implemented an electric bender (No Hydraulic) quick-change tooling process that allows set-ups in less than 10 minutes.

Eagle Bending Machines Inc
Booth .................. S3919
Portable Eagle Roll Bender Model CP30-MS

The Eagle CP30-MS compact & portable roll bending for field use, high brightness, high contrast digital readout, 18 component universal tooling set, and optional tooling for tube, pipe, angle, & architectural profiles.

Fascut Industries
Booth .................. S2139
Fascut FRH-850 Rotary Solid Bar Bender

The Fascut FRH-850 is an American-Made rotary solid bar bender, offering flexibility to each and every fabricator.
GrishamWorks LLC
Booth ............... C424
BrakesAlot 3000
Sheet Metal Brake

The BrakesAlot machine is the first of its kind capable of bending complete boxes up to 1/4 inch plate with a closed bend over the top bar. Pivoting top bar for removal of part with closed bends. Custom 4-way lower die (2" 1.5" 1" 3/4")

Haeusler AG Duggingen
Booth .................. S2797
CAM/CNC Angle Roll HPR 1700

The development is based on a HAEUSLER angle roll HPR 1700 and enables the machine to continuously load and run CNC programs for forming complex, multi-radius tubing.

Himalaya Machinery Pvt Ltd
Booth .................. C123
Fully Hydraulic Plate Rolling Machine

Himalaya Plate Rolling Machines work on the pinch cum pyramid principle. The machines based on this principle combine the advantages of three roll pyramid type, three roll initial pinch type and four roll pinch type machines.

Horn Machine Tools Inc
Booth .................. N2025
HMT 3.5E-MS All Electric

With capacities from 2" to 10" the HMT 3.5E-MS is based on the proven design of the HMT hybrid benders, with the clamp and pressure die now equipped with large electric servo motors.

Johnson Bros Metal Forming Co
Booth .................. S2235
Price Card Moulding Sections into Ring

Johnson Bros Metal Forming Co offers price card mouldings formed into rings with slots and end fabricating.

Leifeld Metal Spinning AG
Booth .................. S4184
Spinning Center SC 205

Leifeld Metal Spinning AG offers its SC205 small entry model of spinning machines.

MegaFab-Piranha-Whitney-Bertsch
Booth ............... S1737
Bertsch CNC Control

Bertsch offers the CNC control optional on all new 4 roll machines.

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What’s the difference between an electroplated Cr(VI) part and a Vapor Tech LTAVD* Chrome part?

Vapor Tech LTAVD Chrome is better

- Retains the appearance and improves performance compared to Cr(VI)
- Cost-effective, durable, color-matched
- Environmentally safe
- Eliminates the regulatory complexity, cost, & health exposure of Cr(VI) electroplating

* Low Temperature Arc Vapor Deposition

Learn how Vapor Tech coating systems can play a role in your operations

www.vaportech.com

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Bending/Forming

MetalForming Inc
Booth .......... S3988
MAK 4 Evolution 40/5 UD ATC

The Schroeder MAK 4 Evolution is a large servo-electric, bidirectional, automatic tool-change folder. Bend a far greater range of part, from small to enormous, with maximum efficiency, eliminating wasted time and unnecessary manpower.

Metform International Ltd
Booth .......... S2331
Versa Frame Roll Former

The Versa Frame Roll Former is blank fed, offers 60 FPM Line speed, 16 to 22 gauge, unequal or equal rabbet, both drywall and masonry profiles, adjustable width, min throat opening 3/4” and max throat opening 8 3/4”.

Schwarze-Robitec GmbH
Booth .......... N8103
Cutting Tool

Schwarze-Robitec GmbH offers an accessory for efficient production processes. Its innovative cutting system reduces the tube waste by up to 90% and shortens the production times considerably. The tool requires only one work step to complete the bending and separation process.

Sertom SpA
Booth .......... S2293
Dishing and Flanging Machines

Sertom dishing and flanging lines offer a complete solution for producing tank heads. Sertom flanging and dishing machines are the right solution for small and high production with tank heads from gage material up to 2 inches thick and 26FT diameter.

Wemo International B V
Booth .......... C1315
WEBEND PRO

This WEBEND PRO is a cutting-edge fully electric solution for companies aiming to maintain the highest level of productivity and efficiency. It enables fast return on investment, flexibility and optimum accessibility.

Brazing & Soldering

Fusion Inc
Booth .......... N23042
Braze Mate 100 LS

The Braze Mate 100LS is designed for medium volume applications. The two station machine offers automatic, timed heat control, with multiple torches attached to a retractable arm. Rates from 40-70 parts per hour are typical.

Harris Products Group
Booth .......... N11015
Eco Smart™ Color Change Paste Brazing Flux

Eco Smart™ Boric Acid-free paste brazing flux is the world’s first smart flux, designed with color change technology that indicates when it’s time to braze on steel, stainless, Monel®, nickel, copper, brass, bronze and other alloys.

Business Services

American Welding Society
Booth N15000
AWS Online Educational Library

AWS has launched the very first Online Educational Library geared specifically to the needs of welding students and educators. Whether a welding instructor or a business owner with employees to train, the AWS Online Educational Library can help surmount the seemingly inherent obstacles of teaching. With comprehensive and engaging courses, a convenient learning management system, and a cost-savings of up to 70%, the AWS Online Educational Library is a must-have for all training institutions and businesses.

Atlatl Software
Booth .......... S4848
Quotebooks

Quotebooks is an innovative quote and CRM solution for successful salespeople who need a tool to keep up with their pace.

DOT Quality Services
Booth .......... S2221
ISO 3834 Certification

The ISO 3834, quality requirements for welding, demonstrates the capability of a manufacturer to meet quality requirements. Get ISO 3834 Certified to sell your products worldwide.
Fabricators & Manufacturers Association
Booth ................. N13000
FMA Connect Mobile App
FMA's mobile app is now available for iPhone® and iPad® as well as Android™ devices. Use FMA Connect to search the member directory, manage your profile, view upcoming event details, and more.

SME
Booth ................. N11000
Lean Epiphanies: Catapult the Cow
A recipient of the Shingo Research and Professional Publication Award, Gary Conner shares his insights into human nature, company culture, and leadership gathered from his experiences in teaching others about lean and the pursuit of operational excellence. The lean journey is rife with speed bumps, detours, and roadblocks. Lean Epiphanies will give you encouragement, inspiration, and motivation to stay the course.

Coil Processing
Allor Manufacturing Inc/ Plesh Industries
Booth .................. S4191
Allor-Plesh Precision Tapered Backup Bearings
Tapered Backup Bearings give direct interchange 2.5”- 12”.
All of our bearings are sealed or shielded for life, and are heat-treated using bearing-quality steel. Our attention to detail gives you increased performance for all of your backup bearing needs.

ANDRITZ Herr-Voss Stamco Inc
Booth .................. S2761
Level Vision™
ANDRITZ Herr-Voss® introduces Level Vision™, a closed-loop flatness measurement system, creating leveling systems that are automatically controlled.

Bradbury Group, The
Booth .................. S3531
e•Drive®
Bradbury has been awarded Patent #8893537 for the advanced e•Drive® roller leveling technology.

COE Press Equipment
Booth .................. S4722
Work Roll Advisor for Straightener Setup
COE's Work Roll Advisor automatically calculates and sets roll depth. Users enter material specs - thickness, width and yield strength - and recommended straightener roll depth settings are automatically calculated. Also has work roll compensation.

FIMI Spa
Booth .................. S3545
Robotic Slitter Head And Separator Tooling Set-Up
Robotic set up of Slitter Head & Separator Tooling offers increased line productivity.

Orimec Corporation of America
Booth .................. C533
LCC KR3 Feed Line
LCC KR3 Feed Line can handle material up to 400 mm wide and 3.2 mm thick. Fully integrated controller.

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DE-STA-CO Introduces the newest addition to its line of stamping press sheet metal gripping solutions.
The Accelerate® Press Room Sheet Metal Gripper is:
Compact and powerful (grip force up to 1000N at 5 bar)
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12% smaller foot print
60% faster actuation (33ms vs 50ms)
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Cutting

Ajan Elektronik Servis Sanayi Ve Ticaret Ltd St
Booth .................. S1774
CNC Plasma Cutting Machine

Combined CNC Plasma Cutting Machine, 2000 x 4000 (6x13).

Allied Machine & Engineering Corp
Booth .................. S1958
Structural Steel GEN3SYS® XT Drilling System

A combination of a unique holder and insert designed specifically for the machines, material and environment commonly found in the Structural Steel Industry.

American Photonics
Booth .................. S2150
Patented Half Collimator 3 in 1 Beam Combiner

APC’s new Double Laser Alignment System used with a system integrated beam combiner eliminates the need to burn spots with your CO2 laser. Improving safety and reducing many alignment challenges.

ARNTZ Inc
Booth .................. C415
TAIFUN Bi-Metal Band Saw

Precision borazon-ground Bi-Metal tooth tips for a wide range of materials.

Bic Tool Co Ltd
Booth .................. C516
Gekkou Cobalt Drill Bits

Revolutionary and patented cobalt drill bits from Japan.

BUG-O Systems Inc
Booth .................. N8013
Go-fer IV - Three Models in One

The 4th Generation Go-fer IV from Bug-O Systems combines built-in features for welding, oxy-fuel and plasma cutting all in one housing. Built in dual contactors, gas manifold and cable anchor are all standard. Made in the USA and backed by a 3-year warranty.

Fein Power Tools Inc
Booth .................. N26025
WSG15-150PR ErgoGrip Angle Grinder

The WSG15-150PR ErgoGrip is a 6 in. angle grinder with an ergonomic handle to reduce fatigue while increasing efficiency. As part of the Power series, it offers 1500 watts of power and a soft start with restart and jam protection for increased safety.

Hypertherm Inc
Booth .................. S3340
Powermax30® AIR

The Powermax30 AIR, a portable air plasma system and internal compressor, operates on both 120 or 240 volt power. Weighing only 30 pounds, it provides 30 amps of output, giving it the highest power to weight ratio of any system in its class.

Iturrospe / ITUX
Booth .................. C842
Anti-twist system for shears

Introducing the Anti-Twist System for shears, allowing users to cut narrow strips without distortion. Available as an option on all Iturrospe/ITUX models.

Joysun Abrasives Co Ltd
Booth .................. N20068
Ceramic Alumina Flap Discs

Joysun has built up a series of Hybrid ceramic alumina & Zirconia alumina flap discs by the trimmable plastic backing plate turbo-fan cooling shape and threaded arbor in 5/8”-11.

Koike Aronson Inc
Booth .................. N8008
KARMAC

KARMAC uses touch technology to give operators an efficient control for plasma, gas, and other cutting systems. It has CAD import, library of 50+ shapes, and productivity monitoring. The screen and components are designed to work in harsh environments.

Morris Engineering Works Ltd
Booth .................. N15086
VHF-211 and VMF-221

Our new style torch handle of VHF-211 and VMF-221 for Heavy Duty and Medium Duty converts torch handles into highly efficient cutting tools by installing built-in flashback arrestor and reverse flow check valves.

Norton | Saint-Gobain
Booth .................. N24064
Norton Gemini RightCut

Praxair Inc introduces its general purpose cut-off wheels. The 100% aluminum oxide abrasive has been infused with a new bond technology and processing for a thinner wheel design and low kerf loss.

Praxair Inc
Booth .................. N14049
PRS900 Robotic Welding System

Praxair’s ProStar PRS900 Robotic Cutting System cuts all four faces on 3D profiles, employs multiple bays for the continuous cutting of plate or domes and beam, tubing or bulbs and frees up shop floor space.
Soitaab USA Inc
Booth ........................................... C512
Plasma RED Bevel

The new plug and play CNC Soitaab Plasma cutting machine will be equipped with a compact bevel head for welding preparation. The new head features endless rotation and is entirely designed and made by Soitaab.

The M K Morse Company
Booth ........................................... S3579
Carbide Tipped Hole Cutter

The carbide tipped hole cutters have precision ground gullets and teeth, providing fast, burr free holes in a multitude of applications. Primarily used for metal cutting, the wear-resistant carbide teeth also cut abrasive plastics and fiberglass.

HBS Studwelding Inc
Booth ........................................... N9094
Pegasar 500 accu

The Pegasar 500 accu from HBS is a mega powerhouse, new to the stud welding industry and offers a previously unknown dimension of mobility and flexibility in stud welding.

JHP Fasteners Inc
Booth ........................................... S2345
KingSet™ Semi-Automatic Riveting Tool

The KingSet™ is a semi-automatic, blind rivet installation tool. It installs 1/8" & 5/32" rivets (3/16" coming soon) with a cycle time of only 2 seconds and magazine reload time of 8-10 seconds. KingSet is ideal for medium & high volume production.

Master Magnetics
Booth ........................................... S4153
41-Inch Magnetic Retrieving Batons

Master Magnetics’ 41-inch Magnetic Retrieving Batons are innovative, powerful tools for removing fine metallic filings, turnings or shavings (swarf) created by cutting tools and machinery in wet or dry environments.

Fastening & Joining
Zipp Air Tool Company
Booth ........................................... C1224
Zipp Rivet Nut Tools ZRN1606E & ZRN2508E

The ZRN1606E features 3500 Lb pulling capacity, and the ZRN2508E features 5500 Lb pulling capacity. Nut tools cover sizes 8-32 through 1/2-13 or M4 through M12.

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Abtex Corp
Booth ...............  C828
Turnamat Tube and Pipe Deburring System

The Abtex Turnamat quickly and powerfully brushes away end burrs on steel, stainless, aluminum and non-ferrous metal tubes and pipes, leaving you a clean edge and an extra measure of precision and safety.

AFC Finishing Systems
Booth ...............  S4845
Airflex Sweeper Abrasive Recovery Floor

The Airflex sweeper floor is a fully automated abrasive recovery system used in blast rooms, which requires little civil works and features virtually silent operation, energy efficiency and reliable service.

ARKU Coil Systems Inc
Booth ...............  S508
EdgeBreaker®

The EdgeBreaker® is a new deburring machine in ARKU’s product line. For fast and efficient two-side deburring and rounding. The EdgeBreaker® removes burrs and rounds edges on stamped, laser-cut, plasma-cut and flame-cut parts.

Blast Cleaning Technologies
Booth ...............  S5376
BCT Multi Function Blast Cleaning Cell

The BCT is a 4 wheel continuous flow spinner hanger blast system, utilizing three independent powered trolleys providing travel for dual hoists.

Calvary Industries Inc
Booth ...............  S5512
ADVANTECH P690
ADVANTECH P690 represents a new era in zirconium pretreatment, offering superior corrosion resistance both painted and unpainted.

Caplug
Booth ...............  S5055
Pipe Thread Masks

Caplug’s silicone Pipe Thread Masks (PTM series) protect threads on piping and tubing during pipe fabrication and secondary coating processes. Designed with a tear-away venting nipple, the cap-plug allows for pressure release during curing.

Chemco Manufacturing Company Inc
Booth ...............  S5685
All Surface Strippable Spray Booth Coatings
Bright White Strippable-Peelable Spray Booth Coating. Suitable for porous and unsmooth surfaces. Can be shipped frozen during winter months. Water-based formula.

Chemetall US Inc
Booth ...............  S5576
Gardobond® AP 9840
Gardobond® AP 9840 is a 3-stage non-phosphorus cleaner and pretreatment replacing detergent iron phosphates.

Chemical Coaters Assoc Int'l
Booth ...............  S5133
Training Manual — System Design for Industrial Finishing Applications

CCAI’s System Design for Industrial Finishing Applications is a training manual that provides innovative and updated information on all the essential factors for setting up and running an efficient finishing system.

Cibo nv
Booth ...............  C1705
Unitized

Unitized is the missing link between grinding and high-gloss polishing of stainless steel. The flexible material also adapts perfectly to the shape of the workpiece and allows users to grind away scratches or minor damage from the workpiece.

Col-Met Engineered Finishing Solutions
Booth ...............  S5531
LED Lighting

Col-Met’s LED lights offer many advantages to fluorescent lamps such as improved durability, a longer life span, lower energy usage, and reduced maintenance costs. Upgrading to LED is also easy without having to change any existing light fixtures.

ElektroPhysik USA Inc
Booth ...............  S5641
SmarTest Mobil App for coating thickness testing

The SmarTest App by ElektroPhysik and SmartTest Bluetooth Adaptor turns your smartphone or tablet into a coating thickness testing gauge.

Ensitech
Booth ...............  N28070
TIG Brush TBE-550

Ensitech’s latest innovation, the TIG Brush TBE-550 Stainless Steel Surface Finishing System, uses a unique combination of electricity, heat and chemistry to deliver superior results in weld cleaning, passivation, polishing, marking and etching.
Gema USA Inc  
Booth .............. S5356  
OptiCenter OC04/05 Powder Center  

Gema’s OptiCenter® OC04/05 powder center, with its optimized hopper volume of up to 60 liters and usability with up to 30 guns, is designed for a broad range of customers.

Graco Inc  
Booth .............. S5352  
Graco Endura-Flo Diaphragm Pump  

This 4:1 diaphragm pump is the ideal solution for multiple color change and piggable systems. It requires very little solvent to flush, offers consistent start up pressure and surprisingly high pressures and flow rates for a small, compact pump.

Hubbard-Hall Inc  
Booth .............. S4940  
Emerald Paint-Prep 380 NP  

This zirconium conversion coating is formulated for treating steel, zinc and aluminum surfaces in multistage spray systems. Replace traditional iron phosphate with this product and reduce energy costs & reduce contact times by 50%.

Intek Corporation  
Booth .............. S5570  
OM (Oven Modular) Heaters  

Intek Corporation introduces its patented OM (Oven Modular) electric infrared heaters and custom oven systems. Modular heater design allows maximum flexibility in any oven application as well as superior ease of installation.

KLINGSPOR Abrasives Inc  
Booth .............. C1625  
CMT Quick Change Flap Discs  

The KLINGSPOR CMT Flap Disc is a quick-change flap disc that is an efficient, effective, and innovative version of KLINGSPOR’s industry-leading flap discs.

Lissmac Corp  
Booth .............. S3973  
SBM-XS and SMW 123  

LISSMAC is proud to present its machines for deburring and finishing.

See us in booth N9084
Finishing

Magic Rack/Production Plus Corp
Booth .............. S5038
Transport Carts

Magic Rack/Production Plus Corp offers transport carts for mobility of racks and parts throughout the plant or paint shop. Designed to specific needs, both light or heavy duty parts up to 600 pounds. For use with powder coating, e-coating, wet spray or submersion.

Midwest Automation
Booth .............. S3552
Nautilus3 (Wet) to Debur, Finish & Edge Radius

Economically deburr/finish/edge-radius parts fabricated from sheet metal or steel plate. Rugged split frame and 4 post design for demanding applications. Available in 3 and 4 head belt/brush configurations, and 37” and 52” wide models. Made in USA.

Nordson Corp
Booth .................. S5324
Encore HD Mobile Spray System

Using high-density powder, low velocity spray technology, achieve a highly dense phase spray, a more diluted mixture or anything in between. Get greater transfer efficiency, less overspray and better cured finish quality for every conceivable part type.

PEM Inc
Booth .................. S5160
SprayMate

PEM, Inc. introduces its SprayMate. The stainless steel cabinet washer can be connected to an existing spray wand unit and all of PEM’s manual spray wand units for small batch cleaning.

Praxair Inc
Booth .................. N14049
ProStar Smart Chemicals

Praxair’s ProStar Smart Chemicals pickle and passivate stainless steel without hydrofluoric acid and remove rust, paint and coatings.

Rhodes Systems International Inc
Booth .................. S5511
Rhodes Highline

RSI offers its Overhead Conveyor System, the Rhodes Highline for all weight requirements.

Rosler Metal Finishing USA LLC
Booth .................. S3592
Roller Conveyor Shot Blast Machine

Rosler’s RRB Roller Conveyor shot blast systems are perfect for descaling, rust/paint removal, and general cleaning. RRB machines are sized to handle metal sheets, pipes/tubes, I-beams, channels and angles.

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SMP offers polishing/grinding services on non-ferrous materials directly to fabricators/end users. Materials include most grades of special metals in sheet, plate, and coil form. No order is too small or too large.

Suhner Industrial Products Inc
Booth .................. S5007
Suhner Cordless Grinders

Suhner introduces its line of cordless grinders. Offering a straight grinder, belt grinder, fillet weld grinder, and tube polisher, Suhner’s durable cordless tools pack a serious punch.

Vapor Technologies
Booth .................. S5670
VT-3000

Vapor Tech’s LTAVD (Low Temperature Arc Vapor Deposition™) technology delivers superior surface performance, appeal, and long-term durability in proven systems built for finishing the best products on the market.

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Thursday 11:00 AM – 3:00 PM
**Gases & Gas Equipment**

**Chart Inc**

Booth ............. N24061

Perma-Cyl® 5500 VHP

The Perma-Cyl® 5500 VHP MicroBulk Storage System is designed for configuration to any LIN, LAR, or LOX gas application and engineered to supply up to 5000 SCFH at 450 psig delivery pressure.

**McDantim Inc**

Booth ............. N24047

Trumix® TM2B450

McDantim Inc offers the TM2B450, which provides two different blends of a two-component mixture. The TM2B450 can deliver 450 scfh of both blends at the same time and maintain +/- 10% accuracy.

**Ratermann Mfg Inc**

Booth ............. N22094

5000L Arctic Fox Cryogenic Tank

The 5000L Arctic Fox Cryogenic Tank comes standard with advanced features. Designed with quality & longevity in mind. It can be filled by a standard micro bulk truck or conventional tanker truck. Offers resilient Herose duel thermal relief, top & bottom filling and oversized piping for fast filling.

**Hydroforming**

**Interlaken Technology**

Booth ............. S4017

High-Volume Production Hydroforming Press System

Interlaken Technology introduces its four-column hydroforming press system for running high-volume production while reducing cycle time.

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**data M Sheet Metal Solutions GmbH**
Booth .............. S2341
COPRA® ProfileScan Desktop

The innovative COPRA® ProfileScan Desktop is the ideal device for quality management of rolls formed profiles. By contactless and non-destructive measurement it is particularly cost-effective and able to measure the whole visible cross section.

**DeFelsko Corp**
Booth .............. S4837
PosiTector SmartLink

The PosiTector SmartLink turns a cell phone into a multi-functional inspection instrument. Wirelessly connect thickness, surface profile and environmental probes to take advantage of the utility of a smart device including microphone and camera.

**Fischer Technology Inc**
Booth .............. S5667
FISCHERSCOPE® X-RAY XAN® 500

Handheld X-ray fluorescence measuring instrument for fast and non-destructive material analysis and coating thickness measurement.

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**Fluke Corporation**
Booth .............. C520
TiX560 Infrared Camera

The largest 5.7in touchscreen LCD for a 320x240 IR camera, easy target navigation with a 180°rotating lens & LaserSharp® Auto Focus lets a user instantly capture an in-focus image.

**Gowin Checking Fixture Manufacturer Co Ltd**
Booth .............. S4855
Automatic Welding Jig

Gowin Checking Fixture Manufacturer Co Ltd offers a fixture that is a work-holding or support device used in the manufacturing industry.

**Innerspec Technologies**
Booth .............. N2072
PowerUT® TG-IL

Innerspec Technologies offers its In-line thickness measurement with Dry-Coupled UT (DCUT) for maximum resolution and accuracy on metallic and non-metallic parts.

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**Oasis Scientific Inc**
Booth .............. S3203
Vividia VA-800 USB Flexible Articulating Borescope

The VA-800 USB digital articulating borescope videoscope has a 31.5-inch long flexible cable, 180°degree articulating camera head, high quality image. It can be used to inspect engines, instruments and equipment, for repairs and maintenance.

**Olympus**
Booth .............. N22052
Weld Inspection Solutions

Olympus introduces its phased array ultrasound solution developed to increase the efficiency of weld inspections for use with the OmniScan phased array flaw detector.

**Realityworks**
Booth .............. C1519
RealCareer® Welding Solutions Weld Defects Kit

Educate welders how to identify and correct common weld defects and discontinuities with the RealCareer® Welding Solutions Weld Defects Kit, a portable set of weld defect models.

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**Starrett Company**
Booth .............. S4714
SR160

Starrett introduces its SR160 surface roughness tester.

**Vitronic Machine Vision**
Booth .............. N28022
Weld Seam Inspection System VIRO wsi

The automated, reliable weld seam inspection system VIRO wsi impresses with a new user interface. The software was given a complete overhaul, and its new design is geared towards ensuring intuitiveness and usability.

**Xiris Automation Inc**
Booth .............. N23022
XVC-1000e Weld Camera

A powerful imaging tool used for remote guidance and process monitoring for open arc processes. Easily integrated into new/existing equipment, with auxiliary lighting, remote motorized lens and weld specific software with full recording capability.
On-Site Gas Blenders

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Ohio Laser LLC
Booth .......... S2305
Ohio Laser Adds Trumpf 3030 Fiber Laser Capability

With six Trumpf tube & pipe laser machines, assorted Trumpf flat plate lasers and the new Trumpf 3030 4 KW Fiber Laser, Ohio Laser offers an expanded contract manufacturing capability for cutting parts and fabricating assemblies.

Sharpe Products
Booth .......... N1032
Custom Bending Capabilities & Services

Sharpe Products offers the capabilities to meet tube bending needs. Equipped to bend tube and pipe up to 6” O.D. Sharpe continues to be in the forefront of tube bending technology by utilizing lean and green all-electric CNC benders.

Fiber Optic Tube Laser Cutting Services

Our state-of-the-art 3,000 watt BLM Fiber Optic Tube Laser has unique cutting capabilities and increased production speed versus traditional CO2 tube lasers. This tube laser can handle pipe or tube up to 6” O.D. and 4” square.

Amada America Inc
Booth .......... S901
C1 AJ — Punch/Fiber Laser Combination

The LC 2515 C1 AJ is a punch/fiber laser combination machine equipped with a Multi-Purpose Turret (MPT) and automated material handling to ensure maximum productivity while reducing secondary operations.

ENSIS 3015 AJ — Fiber Laser + Automation

Leveraging a highly innovative resonator, the ENSIS 3015 AJ is a 2kW fiber laser cutting system that provides 4kW cutting capabilities.

Blackbird Robotics
North America
Booth .......... N19097
intelliWELD II

The intelliWELD family now includes the intelliWELD II with integrated zoom axis with its variable spot size enabling flexible seam widths. intelliWELD II FT (with F-Theta objective), optimized for overlap welding.

Bystronic Inc
Booth .......... S919
BySprint with Fiber 6000 Laser Source

The Bystronic BySprint with Fiber 6000 Laser source increases parts output by up to 400%.

Ermaksan Mak.
San ve Tic. AS
Booth .......... S2940
FIBERMAK
MOMENTUM GEN-3 (Pro)

High acceleration of 2.5G on Servo Motorized models by Momentum Gen-3 PRO version is available. Productivity increased average 15% per hour by higher acceleration & consequently the speed. Software & automation developed by Ermaksan.

Gravotech Inc
Booth .......... S3216
LS1000XP by Gravograph

Outstanding speeds of 157 inches/second and marking area of 48” x 24” this laser outperforms the rest. The LaserStyle software solution allows cutting of precisely printed shapes with no added expense of an optical recognition device.

Han’s Laser / Gromax Enterprises Corp
Booth .......... C120
Laser Marker G20

HAN’S Laser Marker Series Laser engraving/marking is the process of using lasers to engrave or etch an object. The technique does not involve the use of inks, or tool bits which contact the engraving surfaces and cause mechanical extrusion or stress.

Han’s Laser Technology Industry Group Co Ltd
Booth .......... C1118
G3015F-IPG4000
Laser Cutting System

Over 2000 sets of the Fiber Laser cutting system G3015F have been installed. The G3015F-IPG4000 can be extended up to size 5M - 50M, and be equipped with power from 1KW to 6KW.

HK Laser & Systems
Booth .......... S956
Xcaliber Fiber Laser

HK Laser & Systems introduces its fiber laser cutting system, the Xcaliber, available in 3kw, 4kw, and 6kw models.
JMT USA
Booth ............... S3114
JMT Fiber Laser

JMT’s solid state fiber laser cutting system features a sealed ProCutter head, Lantek software and an automated material handling system. Pipe cutting models available. System is 30% more cost efficient than CO2.

KKT chillers
Booth .............. S2343
vboxX

The Vario-Line comprises eight new chillers that automatically adapt their cooling capacity to the respective application at any given time, making them particularly precise and economic.

Laser Mechanisms Inc
Booth .............. S3312
Real-Time Direct Penetration Monitoring

Laser Mechanisms’ FiberWELD® processing head, through the use of patented inline coherent imaging (ICI) technology, features real-time direct penetration monitoring for precise depth measurement of industrial laser processes.

Lasercoil Technologies LLC
Booth ............... S4584
Dual Head, Coilm-Fed Laser Blanking System

Dual head, coil-fed laser cutting system shares workload. Decreases processing time and improves production up to 85%. Handles complex body side outers to simple chevron, scroll cuts. Processes material 0.5 to 3.5mm thick, up to 2m wide coil, any length.

LVD Strippit
Booth .............. S938
Flexible Automation-Laser (FA-L)

LVD Strippit offers its FA-L, is the latest in laser cutting automation, designed for flexibility and speed.

Mazak Optonics Corp
Booth .............. S3101
OPTIPLEX NEXUS 3015 Fiber

The OPTIPLEX NEXUS 3015 Fiber combines cutting-edge laser technology with an economical investment.

MC Machinery Systems Inc
Booth .............. S1719
eX-F Series Fiber Laser

The Mitsubishi eX-F Series fiber laser combines the best of both worlds: the top notch construction of the popular eX CO2 laser and the power of a fiber resonator. The eX-F is an especially powerful fiber solution for thick-plate processing.

nLIGHT Corp
Booth .............. C1024
1000W Fiber Laser

nLIGHT, a U.S. based provider of industrial laser products, announces its addition to its fiber laser portfolio. With improved welding performance, back reflection immunity and design for service, nLIGHT alta™ is the next generation of fiber lasers.

Preco Inc
Booth .............. C416
WebProM

Preco, Inc. introduces the WebProM laser system, a high speed laser based galvo with coil feed. Laser options include: CO2, fiber, nanosecond, picosecond and femtosecond technologies.

REA Elektronik Inc
Booth .............. N4083
JET Fiber Laser

The REA JET Fiber Laser designed for direct marking of metal & plastics. Flexible & reliable, the FL is consumable-free, low-maintenance. The high resolution print provides machine-readable codes & high traceability of products.

Richardson Electronics, Ltd.
Booth .............. S2024
Round Bellows for CO2 Lasers

Richardson Electronics offers its round bellows for state-of-the-art CO2 lasers. The patented design allows for peak performance on high speed lasers. These bellows are suitable for use in laser machines from Bystronic® and Trumpf®.

The RDI Group
Booth .............. S2189
Coil Fed Laser Blanking

RDI’s Coil-Fed Laser Blanking System provides manufacturers with an opportunity to substantially increase productivity and reduce costs by combining continuous coil feeding of strip material into a high-speed, extremely accurate laser cutting system.

TRUMPF Inc
Booth .............. S1701
TruLaser 2030 fiber with LiftMaster Shuttle

TRUMPF’s TruLaser 2030 fiber offers flexible and economic 2D laser cutting across a variety of materials and thicknesses and is now available either with the LiftMaster Shuttle for complete lights-out production.
Lasers
Virtek Vision International
Booth .............. S3406
Virtek Iris Spatial Positioning System

The Iris™ Spatial Positioning System guides workers through the assembly process by locating hardware in 3D space, quickly locking onto CAD datum references and employing lasers to project exact placement positions on the work piece.

Lubrication
Kent Corp
Booth .............. N2041
DieTronic ANTIRUST Lubrication System

The innovative LCP Antirust machine enables in-line application of protective oil onto the surface of pipes & profiles.

Metalloid Corp
Booth .............. N1035
Microlubrication System for Tube Bending

Mandrel lubrication for tube bending is achieved by lubrication through the mandrel rod via a microlubrication system.

technotrans Group
Booth .............. N3091
spray: xact Lubrication System

A flexible, adaptable solution for a precise, non-contact application of oils and watery solutions on to board or coils. The spray jet uses a high-frequency pulsing valve with a 1-substance nozzle. This eliminates the use of cost-intensive compressed air.

Unist Inc
Booth .............. S4412
Coolube® 2210AL

The Unist Coolube® 2210AL is formulated for use on aluminum, derived from natural vegetable oils and contains no VOC’s. It provides exceptional lubricity, helps improve tool life, is nearly odorless and does not cause skin, eye, or throat irritation.

Machining/EDM
DCM Tech Inc
Booth .............. S3508
IG380SD Rotary Surface Grinder

The IG380SD is a 36-inch diameter electro-magnetic chuck with 30 Hp. The grinder features a grinding motor and conversational programming that is easy to use / operator friendly. Safety interlocked and enclosed grinding area. Down feed resolution to .0001 inches. Accommodates multiple types of abrasives.

Maintenance & Repair
Continental Carbonic Products
Booth .............. N13094
IceTech Elite 20 3/4” Dry Ice Blasting Machine

The Elite 20 3/4” dry ice blasting machine is perfect for weld cell cleaning by reducing scrap rates and saving labor costs. The powerful Elite 20 dry ice blasting machine boasts adjustable dry ice consumption and a stainless steel design.

FORMITALY
Booth .............. S4778
Die-Splitter

Formitaly’s division Attrezzeria Universal, with its extensive die experience, developed the die-splitter technology. The machine will clutch and turn, open the die and reclose it after maintenance is done.

Material Handling/Marking
Design Storage & Handling Inc
Booth .............. N1009
Four Directional Electric Sideloader

Design Storage & Handling Inc introduces its Hubtex four-directional electric sideloader-MSU55, series 2240 V2. It boasts the lowest step-in height in the industry and is a very narrow aisle, four-wheel, four-directional sideloader.

Machining/EDM
Design Storage & Handling Inc
Booth .............. N1009
Four Directional Electric Sideloader

Ergotech Inc
Booth .............. S2233
ErgoChief Rotary Work Positioner

The Ergo Chief® motorized bi-directional rotary work positioner from Ergotech can securely position any object of any size or shape up to 400 lbs. for any work project, and is suitable for welding, assembly, and other industrial applications.
FIPA Inc
Booth C911
FIPALIFT Lifting Technology

FIPALIFT is a lifting solution for the movement of light to heavy loads. The intelligent vacuum technology breaks new ground with material flow.

LA-CO Industries/Markal
Booth N24002
DURA-INK® 5

The DURA-INK® 5 is a permanent ink marker that uses an extended micro tip for precision marking needs and is ideal to use through drill holes, mounting brackets, or in any hard to reach area.

RIMCO Rotator
Booth N21092
R24, R48 & R80

Rotator Industries now offer stronger, safer, more efficient options for holding and turning steel. Three new models allow for 10T load limit and optional robotics. Rimco Rotators can help lower overheads, produce beams faster and make your factory safer.

SKM Industries Inc
Booth N9108
Super Met-al Mini Keychain Paint Marker

The Super Met-al Mini Keychain Pain Marker offers bright, and fade-resistant markings. Can be used in warehouses, machine shops, welding, plumbing and with marble/granite fabrication.

Welker Engineered Products
Booth N28054
PCZ Pin Clamp

Welker Engineered Products offers its line of compact pin clamps for positive part location and clamping. Ideal for flanged holes, end effector applications, and material handling.

Other Machinery/Equipment/Parts/Products

Alfa USA LLC
Booth S2179
TMC Switchable Magnetic Tools

Alfa has partnered with Maglogix to develop a family of the world’s most powerful lifting and workholding tools based on newly patented magnetic technology. Lighter, stronger and the best on thin metals of any sold today. Made in Germany By Alfa.

Alro Steel Corporation
Booth S4989
Super Square

Precision milled Super Square offers better utilization of skilled labor, machine time and overall productivity.

JUMP START YOUR CNC PUNCHING
MetaCAM Software, Expert Solution For Automated Punch Programming

Auto-Tool, Auto-Sequence, Auto-Nest: Your Way With Smart Punching Parameters:
- Extensive Tool Selection Features
- Customizable Sequencing Options
- In Depth features for Forming Tools
- Special Tool Creation and Recognition
- Die Checking and Management
- Tool Load Creation and Management

Punch Specific Nesting Features:
- Automatic Tool Assignment Conflict Resolution
- Automatically Schedule Nests for Minimal Tool Setup

MULTIPLE CHALLENGES ONE CAD/CAM SOLUTION

Press Brake, Laser, Plasma, Punch, Waterjet, Nesting

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Big Ass Solutions
Booth .............. S4179
Black Jack

Black Jack is a 6.5-foot portable fan that produces enough airflow to be felt 120 feet away. Bringing comfort to tight corners and hard-to-reach workstations, Black Jack is a versatile air movement solution for any industrial facility.

Box On Demand
Booth .............. S3404
Compack 1.4
Box Making Machine

The Compack 1.4 is designed for customers needing a scalable, small-footprint box making platform. Multiple-box output, hundreds of box styles, and multiple feed inputs are standard on the platform, which features the latest in high speed cutting heads.

ChemQuest Inc
Booth ................ S5333
Finishing Systems/ Eco-Friendly Chemicals

ChemQuest offers washers, ovens, booths, custom fabricated systems & full line of industrial chemicals.

CribMaster
Booth ................ N14097
ProStock Next Generation Carousel Drawer

CribMaster’s engineered ProStock industrial vending solution introduces an innovative, game-changing carousel drawer design.

DESCH Canada Ltd
Booth ................ S4742
Sinox

The DESCH Sinox safety clutch is a spring-actuated clutch, combined with the flexible DESCH Pex coupling.

Donaldson Torit - Donaldson Company Inc
Booth ................ S2980
Downflo® Evolution (DFE) Dust Collectors

Donaldson Downflo® Evolution (DFE) dust collectors require fewer filters & have a smaller footprint compared to traditional cartridge collectors. It delivers operational excellence with its MaxPulse™ Cleaning system, airflow design, & Ultra-Web® media.

Euroboor USA
Booth ................ C1034
ECO.30 Portable Magnetic Drilling Machine

Due to its compact size, the ECO.30 is the ideal machine to drill holes in small spaces. The machine is less than one foot high and weighs only 18.5 lbs. With its 8.1 Amp power the ECO.30 pierces gaps between 1/2" and 13/16" very easily and quickly.

GeorgeB Design
Booth ................ N19091
MIG Buddy

The MIG Buddy is a welding gun holster for MIG welding guns. It acts like a third-hand, keeping your MIG gun ready. The universal mount system adapts to any work environment, welding cart, bench, welding table, or directly on the work piece.

GH Induction Group
Booth ................ N9110
TVK-S350: Induction Compact Vertical Hardening

The GH Induction Group introduces the TVK-S350, the first model in the TVK Series of compact vertical hardening machines offering top-level quality with low CAPEX.

Intercomp
Booth ................ S4435
CS3000 LED Crane Scale

The CS3000 LED Crane Scale is available in capacities ranging from 2,000lb to 100,000lb and comes standard with a large 1.5" (38mm) five digit LED display bright enough for outdoor use; an ideal solution for overhead load monitoring.
Mille Miglia Engineering srl
Booth .............. N3088
Automatic Line For Catalytic Converters

Patterson Fan Co
Booth .............. N8111
db - The Quiet Fan

Proto-1 Manufacturing
Booth .............. N5061
RFM-6 / TSM-4.0 Machine

Ruwac
Booth ............. N22101
WS2320-HD Vacuum with Dust Extraction Swing Arm

Mille Miglia Engineering offers both compact machines for single applications and complete working cells for multiple and more complicated productions.

Patterson Fan Co introduces its quiet fan to the industrial market, 40% quieter with 70% more clearance.

Proto-1 Manufacturing introduces its RFM-6 / TSM-4.0 Machine. The machine can do rotary tube end forming and cutoff with the ability of segmented expansions and reductions to help save cost and increase productivity.

Ruwac USA’s WS2320 vacuum with an exclusive attached Dust Extraction Swing Arm increases productivity and filter life during the welding process by ensuring that airborne dusts, gases and smoke emitted during the manufacturing process are safely removed.

PROUDLY MANUFACTURING RESISTANCE WELDERS IN THE USA SINCE 2000

Robust, Welded Steel Frame— Rigid, Hard-Bussed Copper Secondary— Compact, Floor-Space

WSI Introduces the ValuePress Pedestal Welder at FABTECH Booth N19090

Replace Your “Weld Gun on a Stand” with a True Pedestal Welder!

Customizable ValuePress Features
- Designed for Spot, Nut, or Stud Welding
- Optional Automatic Fastener Feeding
- Optional Nut and Stud Detection
- Single Phase AC or Mid-Frequency
- Customer Choice of Weld Control
- Force Range of 400-2,200 Pounds
- Easily Integrated with Robot End Effectors
- Operator Friendly, Off-Line Initiation Available
- Pneumatic Components Customer Specified
- Paint Color Customer Specified
- Air and Water Hose Color Customer Specified

Standard ValuePress Features
- Robust, Steel Welded Frame
- Rigid, Hard-Bussed Copper Secondary
- 20” x 32” Compact, Floor-Space Saving Profile
- Aluminum Ram with Fast Follow-Up
- Ram Coupled to Profile Rail and Carriages
- T-Slotted Copper Platens and Optional Arms
- Digital Pressure Switch
- Digital Water Flow Switch
- Parallel Water Manifolds
- Frame Cut-Out for Overhead Lifting
- Fork Pockets for Tow Motors

See the ValuePress Pedestal Welder and learn more about it at FABTECH Booth N19090
Stoelting
Booth .............. S5612
L-3625-SP Lewis Large Series Ultrasonic Cleaner

The 6,000-watt rated ultrasonic cleaner features silver brazed, zero spaced, 100 percent nickel laminate magnetostrictive transducers, which operate at 20 kHz.

Techniks Inc
Booth ............... C943
MagVISE Magnetic Workholding Chucks

Techniks Inc offers all sizes and types of magnetic workholding chucks for CNC operations including face milling, edge milling, drilling, boring and turning.

Thermal Care
Booth ............... S1918
NQV Portable Chiller

Portable chiller with variable speed compressor technology creates a virtual variable-size chiller that changes its capacity to match the load. Based upon typical running conditions the incremental cost can be paid back in less than six months.

U-Mark Inc
Booth ............... N6006
M Series Ink Markers

M series markers feature the best permanent ink available and are designed for professional use. M series has four models, all with performance oriented features: ergonomic anti-roll caps, heavy duty tips, industrial design and excellent ink flow.

Vidir Machine Inc
Booth ............... C1012
Sheet Metal Vertical Lift System (VLS)

The Sheet Metal Vertical Lift System (VLS) is an automated storage and retrieval system for use in an industrial manufacturing setting.

Zerust Corrosion Solutions
Booth ............... S4016
Zerust ActivPak Corrosion Inhibitor Diffuser

Zerust®/Excor® ActivPak® offers powerful and fast-acting corrosion protection for challenging applications such as overseas shipping and in polluted factories.

Plate & Structural Fabricating

Akyapak
Booth ............... S961
3 ADM Multi-Spindle Beam Drilling Line

High quality structural steel solution for beams and plates with high speed drilling, tapping, scribing, milling and counter sinking.

Carell Corporation
Booth ............... S3919
Carell Tank Head Forming Machines

Carell introduces its Dishing Press. Options include: 200, 300, 400 Tons, 13’ diameter, 3/4” plate capacity, 1.5 ton & 3.5 ton Auto-Manipulator. In addition, Carell offers its Circular Flanging/Shearing solutions up to 32’ diameter, 3/4” thickness, flanging, & joggling.

Ficep Corporation
Booth ............... S3942
Vanguard Three Spindle Drilling Line

The Vanguard Three Spindle Drilling Line delivers high tech performance for the price of outdated hydraulic drill lines.

Hougen Manufacturing Inc
Booth ............... S2212
HMD927 Power Feed Magnetic Drill

The HMD927 power feed magnetic drill is packed with power and torque. The HMD927 has a capacity up to 1-5/8” in diameter & 2” deep. Weighs 43 lbs and is Made in USA.

Lincoln Electric Co
Booth ............... S951
PythonX® II

PythonX II is a computer-controlled plasma cutting system that has revolutionized structural steel fabrication, replacing up to six traditional structural beam operations, including drill lines, band saws, coping machines, angle punches and more.

Voortman Corporation
Booth ............... S3978
Robotic Cutting and Layout Marking System

The Voortman V808 raises the bar as the industry’s most versatile robotic cutting and layout marking system, utilizing both plasma and oxy fuel. It assures a very high accuracy and cutting quality for every possible structural shape.
From FEEDING to FINISHING
Partnering for performance

Experience in Everything We Do

Over 150 years of combined manufacturing experience with multiple innovations launched along the way — the partnering of the Automatic Feed Company, LaserCoil Technologies and Georg provides coil processing technology depth and breadth that is unparalleled.

From feeding, leveling, laser-blanking, cut-to-length, slitting, and finishing to high-production or space-constrained applications — the partnering of these companies fulfills all your coil processing needs.

Now launching their latest technology, visit FABTECH booth S4584 to learn about LaserCoil’s new dual-head laser cutting system. Achieve production speeds that challenge mechanical blanking, eliminate die cost and maintenance, improve quality and boost flexibility.

LEARN MORE AT: FEEDING2FINISHING.com

Visit Booth S4584 at FABTECH in Chicago, November 9–12 to learn more
Press Brakes

Bystronic Inc
Booth ............... S919
Bystronic Xpert 40 Press Brake

Introducing the Xpert 40 – Bystronic's compact, ultra high-speed, ergonomic press brake.

Cincinnati Inc
Booth .............. S2799
GoForm
The GoForm 40 ton electric press brake is a precision, mobile, and versatile addition to the CI press brake product line.

EHRT / International Technologies Inc
Booth .............. S2779
O-Frame Servo Electric Press Brakes

International Technologies is bringing CoastOne's next generation O-frame servo electric press brakes to North America. The larger capacity brakes feature 3-6 servos and a unique frame design that creates less vertical deflection and torsion.

Lazer Safe Pty Ltd
Booth .............. S2033
Sentinel Plus Press Brake Guarding System

Sentinel Plus is an advanced press brake guarding system designed for retrofit applications and is optimized for high speed performance machines. As a camera based system, Sentinel Plus delivers exceptional levels of protection and performance.

Salvagnini America Inc
Booth ............... S1731
B3.ATA Automatic Press Brake

Salvagnini America Inc offers users the ability to form kits on a press brake with a total kit cycle time that is the simple sum of the cycle times of the various parts.

Ketec Precision Tooling Inc.
Booth ............... S2042
Press Brake

Ketec's European style Press Break tooling is manufactured under cutting edge CNC production technology with high tensility alloy. Accuracy comes in variance of 0.01mm for the most precise bending performance.

Punching

Trilogy Machinery Inc
Booth ............... S3949
SUNRISE Fully Automatic Processing System

Trilogy Machinery introduces the SUNRISE APS - Automatic Plate Punching and Shearing System.

Resistance Welding

Dengensha America Corp
Booth ............. N18025
Range Of Resistance Welding Value & Support

With the NDZ Projection Welding System and the WS-100, Dengensha offers manufacturers the widest range of projection and spot welders, to weld guns, to feeders and controls with consumables, to hand held controls, to spare parts, and training.

American Weldquip Inc
Booth ............. N22097
ArcSafe QC Solid Mount Robotic System

American Weldquip introduces the ArcSafe™ QC SOLID MOUNT Quick Change robotic system. The ArcSafe system is designed for use on robots with integrated collision software.

Kosmek USA
Booth .............. S4421
Zero Backlash Robotic Tool Changer

Kosmek introduces its Robotic Tool Changer with Zero Backlash. Dual taper-to-taper contact surfaces provide superior rigidity along with 3 micron repeatability for payloads up to 120kg.

Robotics

American Torch Tip Co Inc
Booth .......... N26030
ATTCLIGHTNING® ROTO360 Robotic MIG Torch

ATTCLaunches LIGHTNING® ROTO360 robotic 550A Thru-The-Arm MIG torch for Hollow-Wrist robotic welding systems. Rotational reorientation not required, with infinite continuous-axis joint connection. Joint design decreases weld cycle time.

OTC DAIHEN Inc
Booth .......... N18007
Robot Monitoring Unit (RMU)

RMU is a robot safety control unit using a functional safety technology incorporating advanced safety features. When a failure is detected, the power is shut off, and the robot will stop operation.
Safety & Environmental

ArcOne
Booth .......... N22030
AirPlus®

The AirPlus® Powered Air System is the third generation development from our 20-year PAPR program. The AirPlus® combines electronic superiority with timeless simplicity at an affordable price.

Columbus Industries Inc
Booth .............. S5559
CI Micro Shield Mini-Pleated Energy Saving Filter

The CI Micro Shield® Mini-Pleated Energy Saving Filter is an economical choice for extended service, high efficiency air filtration requirements.

Imperial Systems Inc
Booth ............. S3396
CMAXX EvenLock Technology

Imperial Systems Inc offers a system in its dust collection model that ensures 100% even locking of all filters in the machine.

Keller USA Inc
Booth ............. S560
VARIOeco with ProPipePlus

Keller introduces its VARIOeco with ProPipePlus, a flameless dust collection system for metal applications. The ProPipePlus ensures safe, flameless pressure relief for metal dust explosion risks and is designed to eliminate the need for a designated safety zone.

MCR Safety
Booth ............. N21082
Memphis Ninja

The Memphis Ninja series provides total safety solutions for general purpose, cut, and thermal protection.

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HAEUSLER
the forming factory

THE ESTABLISHED GLOBAL LEADER IN METAL FORMING
75+ YEARS OF EXPERIENCE
3 AND 4 ROLL PLATE ROLLING MACHINES
COMPLETE PRODUCTION LINES
CUSTOMIZED MACHINERY FOR UNIQUE APPLICATIONS
Safety & Environmental

Miller Electric Mfg Co
Booth ..............  N11037
LPR 100 Half Mask

Expanded options to this low profile reusable respirator include a wrap-around spark guard that protects filters from spatter, combination P100/Nuisance Level OV Relief filters, and new medium/large size offerings.

Digital Infinity™ Series Welding Helmets

The Digital Infinity™ Series includes a 13.4 square inch viewing area, to provide an unsurpassed view and eliminate tunnel vision.

Movex Inc
Booth ..............  C1616
PR Fume Extractor

Advanced technology, materials and design all contribute to the Movex PR weld fume extractor’s success. High positional stability, maximum capture efficiency and maneuverability allow the PR to fit virtually any welding application.

Nordfab Ducting
Booth .............. N19087
Nordfab In-line Spark Trap

Nordfab’s In-line Spark Trap helps reduce the possibility of fire in cyclones / collectors by decreasing the number of sparks reaching these units through the ductwork.

Rite Hite Machine Guarding
Booth .............. N23006
DEFENDER Cell

The DEFENDER Cell offers complete 4 sided safety enclosure for any type of machinery. Includes Cat 4 interlocked point of operation high speed door and cage fencing.

Schaefer Ventilation Equipment
Booth .............. N28029
Hazardous Location Fans

Schaefer offers the industry leading airflow and durable hazardous location fans, leading airflow and durability, for use in environments that contain flammable and potentially explosive gases, vapors or dusts. Fan components are fabricated from materials that will not produce a spark when struck by a direct impact blow.

TSE Safety Inc
Booth .............. N14086
True Flex Knee Pads

TSE Safety offers a line of products to prevent knee injuries.

VitaFlex LLC
Booth .............. S5669
Soft-stretch Hood for PowderCoaters & SprayPainter

Soft-stretch Hood is a PPE covering the entire head and neck. It blocks airborne particles, powder, sparks, and paint overspray and greatly improves safety, comfort, and job efficiency in Metal Cutting, Welding, Powder Coating, and Spray Painting.

Whiting Corporation
Booth .............. S5089
AccessPoint

AccessPoint is a universal access-control system that utilizes smart card technology to physically prevent unauthorized users from using your high-value or high-risk equipment.

Saws & Cut-off Machines

Behringer Saws Inc
Booth .............. S2731
HBE Series Horizontal Bandsaws

Behringer Saws, Inc., introduces the HBE Dynamic Series Horizontal Bandsaw. A versatile, compact automatic saw available in four models; 261A, 321A, 411A and 511A with a cutting capacity of 10.2” to 20.0”.

Beka-Mak Makina Sanayi Ve Ticaret AS
Booth .............. S2276
BMSY 1515C

The bow is constructed in heavy gauge steel and mounted two chromed and grinding pillars offer a strong rigid sawframe, providing a high degree of accuracy when cutting.

Dake Corporation
Booth .............. S2072
Variable Speed Manual Cold Saw

Dake Super Technics 350 inverter model manual cold saw.

High production to hand finishing, our brands are the global leaders in innovative finishing solutions.

One Source.

- Atomization
- Automated Systems
- Infrared & Catalytic Curing
- Electrostatic
- Fluid Handling
- Lab & Testing Center
- R&D Resources
- Training

See for yourself
FABTECH 2015 Chicago • Booth # S5367
NEW PRODUCTS

**Saws & Cut-off Machines**

**Emmegi USA Inc**
Booth .............. S2995
SATELLITE XT

5 axis machine & cutting center is performing all milling, drilling, threading, cutting and notching on full length aluminum extruded lineals.

**HABERLE / Ken Bergman & Assoc LLC**
Booth .............. S2359
Compound Cutting Machine

**Kalamazoo Machine Tool**
Booth .............. S2381
DC12A-NC

**Kar Metal San Ve Tic LTD STI**
Booth .............. S3543
KMT Karmetal Band Saw Machine

**TigerStop LLC**
Booth .............. S1979
TigerSaw 2000

TigerSaw 2000 features a revolutionary blade misting system which moves with the blade to lubricate the leading edge, and an air-over-oil drive cylinder to provide saw-stroke control for faster processing and better cut quality.

**Software & Machine Controls**

**Alma CAM USA LLC**
Booth .............. S2369
almaCAM 4.0
almaCAM v4.0 brings a user interface and the security and functionality of a database environment. Built in workshop management tools make this a powerful and flexible CAM application.

**AMS Controls Inc**
Booth .............. S3450
Pathfinder Edge
AMS Controls Inc offers its web-based trim profile design and management application.

**ANSYS SpaceClaim**
Booth .............. S4587
ANSYS SpaceClaim 2015
ANSYS SpaceClaim is the leading 3D Direct Modeling software solution on the market. It enables anyone to create, edit, or repair geometry without worrying about underlying technology.

**ATS Applied Tech Systems LLC**
Booth .............. S5078
Inspect Quality Control Software 6.0

Inspect Visual Quality Software for attribute and variable data collection, image driven inspection and web based analysis and reporting. Reduces costs associated with scrap, rework and warranty claims. Effectively used in stamping, assembly, and paint applications.

**Autodesk Inc**
Booth ............... S506
Autodesk® TruNest

Autodesk® TruNest products facilitate every step of the nesting process for metals, thick plates, or sheets for hand lay-up composites. This includes translation, optimization, and manufacturing the nest on all industry-standard machine tools.

**DELTA Computer Systems Inc**
Booth .............. S4436
RMC Motion Controllers

Delta Computer Systems, Inc. announces the addition of Redundant Feedback to its RMC75 and RMC150 closed loop Motion Controllers.

**FabTrol Systems Inc**
Booth .............. S2350
FabTrol Mobile

FabTrol Mobile provides real-time remote access to FabTrol Pro steel fabrication management software. The latest release provides the ability to retrieve drawings and track production progress on any tablet.
FlashCut CNC
Booth .................. S3509
V5 CAD/CAM/CNC Software With Nesting

FlashCut V5 CAD/CAM/CNC is more versatile than ever providing foreign language support, auto kerf crossing detection, plasma, oxyfuel, waterjet and marker support, shape library, bar code scanning, editable cut charts, and RS485 communication with plasma machines.

Flow International - Advanced Solutions
Booth .................. C1309
FlowXpert 2015

The FlowXpert Software Suite is a robust 3D CAD/CAM platform designed specifically for waterjet cutting, programmers and operators will notice improved pathing workflows, resulting in faster waterjet programming.

Fujitsu Glovia Inc.
Booth .................. S2143
GLOVIA G2 V3

Discrete manufacturing ERP software company Glovia International, Inc., a Fujitsu Company, has released a version that enhances GLOVIA G2’s innovative, highly visual user interface and enables universal use on any device, operating system or browser.

Graitec Inc
Booth ................. S4589
Autodesk Advance Steel 2016

Graitec Inc offers 3D BIM software for steel modeling and detailing.

Jobscope ERP
Booth ................. S1904
Jobscope Configurator

Jobscope Configurator is a rules-based configurator software for configure-to-order product lines.

KeyedIn Manufacturing Software Solutions
Booth .................. S2186
Cloud Based ERP Software

KeyedIn Manufacturing is a dynamically configurable, Cloud-based ERP software designed specifically for fabricating manufacturers. The software provides the flexibility users need to run a business, not the way software mandates.
**Software & Machine Controls**

**Logopress3/Accurate Die Design Inc**
Booth .............. S4124

Logopress3 NESTING

While first developed within Logopress3 die design software to nest wire EDM punches on wire EDM burn blocks, Logopress3 NESTING software is used by others for nesting parts on sheets for waterjet or for laser cutting and for a variety of other uses.

**Metalix CAD/CAM Ltd**
Booth .............. S2286

metaKad & MBend

metaKad V15 includes new tube processing and 3D simulation, ribbons, and warnings of floating scraps. Enhanced MBend V6 also supports native Cincinnati and Amada OPE NC creation.

**MetaMation Inc**
Booth .............. S2314

MetaNEST

The latest version of MetaNEST, MetaMation Inc’s flag ship nesting software for free shape geometry nesting, has revolutionary algorithms that take advantage of software and hardware platform to deliver the highest material utilization in the shortest time.

**MIE Solutions Inc**
Booth .............. S2256

MIE RFQ

MIE RFQ is a powerful tool from MIE Solutions that facilitates the RFQ process between buyers and suppliers in a simple and highly efficient manner.

**Radan**
Booth .............. S1820

Radan provides applications that are essential to the design and manufacture of sheet metal components and products. The Radan 2016 release will offer new features in all products, including Radan CAD/CAM, Radbend, Radm-ax, Radtube and Radimport.

**Schwarze-Robitec GmbH**
Booth .............. N8103

CNC Control System

The CNC control system reduces non-productive times to a minimum. The original sequence of the bending process is broken up and the steps are arranged synchronously. It can be operated intuitively which also contributes towards making work easier.

**Shop Data Systems Inc**
Booth .............. S2050

SmartContour™

ShopData Systems software has the ability to burn closer tolerance holes with the SmartContour™ kerf adjustment feature. Internal diameters, medium size holes, small holes and lead ins have separate adjustments that allow users to improve the finish of holes and internal cuts.

**ShopFloorConnect**
Booth .............. S4221

Application Program Interface (API)

The ShopFloorConnect web service enables easier sharing of job information with existing ERP and MES Software.

**SigmaNEST Systems**
Booth .............. S3574

SigmaNEST X1

SigmaNEST X1 offers improved functionality for CNC punch, laser, and plasma machines, and new Dynapack-HD nesting engine, for more efficient multi-sheet nesting tasks, improved best sheet selection, and material yield improvement.

**Visi**
Booth .............. S1820

VI SI 21

Major VI SI 21 developments include a tool to manage multiple instances of the same geometry, component revision management, surface modelling tools, tolerance application for drilling, enhanced tool/motion kinematics and updated CAD translators.

**Shop Floor Automations Inc**
Booth .............. S5663

JobPack Advanced Core Scheduler

JobPack Advanced Core Scheduling allows for customized workflow scheduling. It also has real-time Graphical Scheduling and real-time graphical capacity metrics.

**ShopFloorConnect**
Booth .............. S4221

Application Program Interface (API)

The ShopFloorConnect web service enables easier sharing of job information with existing ERP and MES Software.

**SigmaNEST Systems**
Booth .............. S3574

SigmaNEST X1

SigmaNEST X1 offers improved functionality for CNC punch, laser, and plasma machines, and new Dynapack-HD nesting engine, for more efficient multi-sheet nesting tasks, improved best sheet selection, and material yield improvement.

**Visi**
Booth .............. S1820

VI SI 21

Major VI SI 21 developments include a tool to manage multiple instances of the same geometry, component revision management, surface modelling tools, tolerance application for drilling, enhanced tool/motion kinematics and updated CAD translators.

**Stamperies**
Booth .............. S4280

Zig-Zag Servo Feed with ProfileSelect™

The Dallas Zig-Zag Feed helps achieve up to a 13.5% reduction in material scrap when stamping regular or irregular shapes.

**DTC Products Corporation**
Booth .............. C536

SlugKeeper Machine

DTC Products SlugKeeper Machine uses a pneumatic-ly-powered grinder to precisely machine a small angled groove into the sidewall of the die cavity in a stamping die in order to prevent slugs from pulling onto the die surface.

**Hutchison Tool Sales Co**
Booth .............. S4262

Stripper Mounted Tapping Head

The Stripper Mounted In-die Tapping Head is used in transfer press applications to eliminate interference of the camshaft driver on the tapping head with the transfer arms on the press.

**Irmo Inc**
Booth .............. S4274

IRMO FLUIDS® 313

IRMO FLUIDS® 313 synthetic products provide extreme lubrication and die protection for forming AHSS and UHSS—while still protecting zinc-coated surfaces of newer materials.
Quintus Technologies LLC
Booth .............. S4789
Flexform Fluid Cell Press QFC 0.7x1.8-800

Quintus Technologies LLC introduces its press, the QFC 0.7x1.8-800. The QFC 0.7x1.8-800 offers a low-cost, high quality sheet metal forming for prototyping and production.

Sander Automation Corp
Booth .............. S4476
ZGV 200 / ZHG 200 High Speed Servo Transfer

Sander Automation introduces the TGV 200 / THGV 200 high speed servo transfer system. Ideal for high speed presses with stroke rates up to 200 spm and with 2 meter bolsters or less the system maintains full precision and accuracy.

Don’t Miss The Special Events Scheduled for FABTECH 2015

Make plans to stop by the keynote presentations, panel discussions, AWS Welding Competitions, and join us for a special FABTECH Industry Night. Find event details at fabtechexpo.com/special-events.

MONDAY, NOVEMBER 9
9:00 – 10:00 AM  Keynote Presentation: Running a Winning Organization, Grand Ballroom
12:30 – 1:30 PM  Featured Panel Session: What Additive Manufacturing/3-D Printing Means for the Metal Fabrication Industry, FABTECH Theater, Grand Concourse

TUESDAY, NOVEMBER 10
5:30 – 7:30 PM  FABTECH Industry Night: Lucky Strike, Downtown Chicago, Advance Ticket Price: $50
Special Appearance by Jeanette Lee, Famous “Black Widow” Professional Pool Player

WEDNESDAY, NOVEMBER 11
7:30 – 10:30 AM  Women of FABTECH Breakfast with Tech Tour: Grand Concourse Lobby, Advance Ticket Price: $15
8:30 – 9:30 AM  Keynote Presentation: Innovation in the Future of Work in Advanced Manufacturing, FABTECH Theater, Grand Concourse
12:30 – 1:30 PM  Featured Panel Session: State of the Industry Executive Outlook: Advanced Manufacturing, FABTECH Theater, Grand Concourse

MONDAY, NOVEMBER 9 – WEDNESDAY, NOVEMBER 11
Professional Welding Competition: Competition runs during show hours Nov. 9-10, Winners announced on Nov. 11 at 11:00 AM Hall C1, Both C1844
Stamping

**Stamping**

**Stamtec Inc**
Booth ............... S4131
Servo-Press Production System

Stamtec introduces its 176 ton, two point, direct drive press model iS2-176, with variable stroke length via pendulum motion, up to 8.66”.

**Uelner Precision Tools & Dies**
Booth .............. S4218
Bliss 1500 Ton Coil Feed Press

The Bliss 1500 Ton Coil Feed press has a bed size of 206” x 60” with 3 Axis Servo Wayne Trail Transfer and can be customized for new tooling programs. Press speeds now up to 15 SPM.

Tooling

**Diehl Steel Co Inc**
Booth ............... S4307
Diehl Express™

Diehl Steel introduces its response service called Diehl Express, offering same day shipment on tool steel orders. Most orders placed by 12:00 PM EST can now be cut and shipped the same day, including orders using Diehl’s Accu-Square process.

**Tool & Die**

**MetalRustGuard**
Booth ............... S4020

MetalRustGuard offers its self adhesive, protective, rust inhibiting wrap that is non-toxic and effective on all types of metal. Ideal for shipment or storage of metal in various climates.

**Pacesetter Systems**
Booth ............... S4288
Power Pallet - Push/Pull Die Loading System

The Pacesetter Power Pallet can help decrease die changeover time by making loading and unloading dies a breeze.

**Tooling**

**BESSEY Tools North America**
Booth ............... N24032
16 mm Matrix Table Clamps

BESSY Tools North America introduces its high-quality welding table clamps for 16 mm matrix holes.

**Clamptek Enterprise Co. Ltd**
Booth ............... S4109
Chain Clamp

Clamptek Enterprise Co. Ltd offers its CPLCU pneumatic leverage clamp with long lifetime.

**Lenzkes Clamping Tools Inc**
Booth ............... S4109
Chain Clamp

The Chain Clamp is an easy, fast and safe way to hold round and cylindrical work pieces, such as valve bodies, flanges, pump housings and pistons. Also, the chain links do not have to be taken out when clamping different sized parts.

**SICK Inc**
Booth ............... S2363
IMB Inductive Sensor

IMB Inductive Sensor offers a more durable solution for harsh environments. IP 69K enclosure rating, extended temperature range, and stainless steel housing ensure a long-lasting solution and reduced downtime.

Tube & Pipe Fabricating or Welding

**Aquasol Corp**
Booth ............... N14074
I-Purge and I-PurgeX Modular Bladder Systems

The CE approved, USA made and patent-pending I-Purge and I-Purge X enable users to purge with one interchangeable solution. Comprised of two spark-resistant inflatable bladders connected by a high heat harness, both create an air-tight seal.

**Beveltools**
Booth ............... N4094
ALU- Cutter Heads for Aluminum

Beveltools launches a solution for beveling and rounding of aluminum. The same patented technology used for the current cutter heads is now available for aluminum. These heads have wider flutes to prevent loading.

**BLM GROUP USA Corp**
Booth ............... N2010
LC5

BLM GROUP USA Corp introduces its tube and sheet fabricating machine.
HGG Profiling Equipment BV
Booth .............. S1999
Vessel Cutting Machine

HGG introduces its Vessel Cutting Machine, designed to cut precise beveled holes in pressure vessel tank heads, shells, nozzles and reinforcing pads; as well as hillside holes. Oxyfuel or plasma. Standalone or with SPC Series Machine.

RIDGID
Booth ................ N2068
RIDGID® B-500 Transportable Pipe Beveller

The B-500 produces a consistent, high-quality bevel in less than two minutes without flames or sparks, replacing traditional beveling methods such as grinding.

Sumner Manufacturing Co Inc
Booth .............. N22042
PFAST

Tri Tool Inc
Booth ................ N24041
301.5 SP Squaring Machine

Tri Tool’s Short Perch squaring machine (AC or 18VDC) features Chip Guards for operator safety, patented Auto-Retract micrometer handle, wide size range for .125” to 1.50” tubes, quick saddle clamping, and a compact design for working in tight spaces.

Wausoem Machine & Manufacturing Inc
Booth ................ N2029
1004EL Electric End Forming Machine

The 1004EL Electric End Former, for tubing up to 1” diameter (25.4mm), has been redesigned to achieve an improved cycle rate, and includes a 4-hit electric turret, a servo flag stop, and a new frame that features a sliding guard and light bar.

Thermatool Corp
Booth ................ N2013
HAZControl Technology High Frequency Welders

HAZControl Technology delivers the best combination of power & frequency to produce the needed weld characteristics for the many mechanical transformations to produce the best welded tube possible.

Winton Machine Company
Booth ................ N5071
OB23 Orbital Bender

Winton introduces the OB23 Orbital Bender for high volume copper at an affordable price.

Tube & Pipe Producing

Hexagon Metrology Inc
Booth ................ S522
TubeShaper

TubeShaper is the result of 30 years of experience in the tube manufacturing sector. It is a single solution for applications related to tube manufacturing and bending, reverse engineering, tube inspection, and tube gauging.

Mill Masters
Booth ................ N1034
EGR Tube Mill

MillMasters introduces its thinwall welded stainless steel tube mill for flat-oval, round, and rectangular EGR tubes. shapes from 14mm to 90mm; material thickness down to 0.127mm; inward and outward dimples or corrugation, line speeds up to 14 meters per minute.

Nantong Reliantt Co Ltd
Booth ............... C930
Tube Mills/ Pipe Welding Line

Nantong Reliantt Co Ltd offers almost 30 models tube mills/pipe welding line covering ranges from 3/8”(8mm) up to 10”(273mm) diameter (corresponding square & rectangular tubes) and wall thickness from 0.3mm up to 12.7mm. Also accepting customized machines.

Olimpia 80 S R L
Booth ................ N3094
Universal driven Turk’s Head

Olimpia 80 S R L offers its Universal Driven Turk’s Head for shaping square and rectangular tubes without changing any single roll in the sizing turk’s head stands.

Rafter Equipment Corp
Booth .............. N3087
Rafter 3-Roll HFI Weld Squeeze Box

Rafter Equipment Corp features its 3-Roll HFI Weld Squeeze Box design. The design offers improved strength over traditional scroll chuck style boxes. Additional features include enhanced serviceability and ease of operation.
**Waterjet**

**AKS Cutting Systems Inc**
Booth .............  S2714
AKS water-kut X3

The AKS water-kut X3 is a mid-level waterjet production machine specifically designed with an open layout for easy load/unload for fabrication shops. Cutting pressures from 55,000psi to 90,000psi. Optional TCS - Taper Control System.

**Alliance Manufacturing Inc**
Booth .............  S4857
Parts Washing Systems

Alliance introduces its CB E-Series washer, a compact conveyorized belt system designed for inline or cellular manufacturing applications. Conveyorized cleaning systems can include process zones such as wash, rinse, rust inhibit, drain, ambient blowoff, heated blowoff, and more. Each machine is configured to the customer’s needs. Depending on the cleaning application, optional accessories can also be added to the machine.

**Jet Edge**
Booth .............  S1974
iP60-30 Waterjet Pump

Jet Edge’s iP60-30 waterjet intensifier pump produces 0.6 gpm of UHP water at a continuous operating pressure of 55,000 psi.

**KMT Waterjet Systems Inc**
Booth .............  S2786
STREAMLINE SL-VI Series Waterjet Cutting Pumps

The STREAMLINE SL-VI Waterjet Cutting Pumps (15-200hp/60,000-90,000psi) are designed with multiple features to deliver efficiency & productivity including the PRO 90,000psi /125hp pump.

**TECHNI Waterjet**
Booth .............  S1789
Quantum VP Electric Servo Pump

TECHNI Waterjet™ announces a second line of electric servo pumps (ESPs), designed to address the requirements of today’s competitive manufacturing industry. TECHNI is pleased to introduce the Quantum VP 15/52 and VP 20/60.

**COR-MET INC**
Booth .............  N26040
QWP Flux Coated Stainless Steel TIG Rod

Cor-Met Inc. offers a stainless steel TIG wire with a flux coating for welding root passes and eliminates the need for backing or purging. Available grades 308L, 309L, 316L, 2209, 625, 82, 80S-B6, 80S-B8. Plus special request alloys.

**Welding Consumables**

**Antra Technologies Co Ltd**
Booth .............  N9089
Auto-Darkening Welding Helmet AH7-780

Antra Technologies offers its AH7-780 helmet with large viewing area. The sensitivity control is digital and optical class is 1/1/1/1/1.

**Bestone Group Inc**
Booth .............  N18089
Gasless Flux Cored Wire E71T-GS

E71T-GS is an all-position, single-pass, flux cored welding wire designed to weld carbon steel. The unique quality of this product is that you do not have to use a shielding gas.

**Cor-Met Inc**
Booth .............  N26040
QWP Flux Coated Stainless Steel TIG Rod

Cor-Met Inc. offers a stainless steel TIG wire with a flux coating for welding root passes and eliminates the need for backing or purging. Available grades 308L, 309L, 316L, 2209, 625, 82, 80S-B6, 80S-B8. Plus special request alloys.

**Diamond Ground Products Inc**
Booth .............  N17079
Piranha-III Tungsten Grinder

Diamond Ground Product’s best-selling tungsten electrode grinder has been redesigned and refreshed. The Piranha III now features a sliding dust shield, integrated electrode receptacle, recessed handle, lighter chassis and signature blue powdercoat.

**ELCo Enterprises**
Booth .............  N26018
PowerBall™ Torch Products Expanded Product Line

Wire Wizard® has expanded the revolutionary PowerBall™ Torch Products line to cover virtually any arc welding application. Boost the power of a weld cell with products engineered to prevent arc failures, reduce downtime & maximize conductivity.
NEW MODEL PRESS BRAKE LAUNCH

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Welding Consumables

Farina (Jinan) Weldtec & Machinery Co Ltd
Booth ............. N17090
Welding Wire AWS A5.18 ER70S-6

AWS A5.18 ER70S-6 is for all-position welding work, stable arc, less spatter, ISO9001:2008, CCS,CE. Features include: stable arc, iss spatter, ISO9001 and CCS,CE.

Lincoln Electric Co
Booth ............. N11021
UltraCore® HD Marine
This FCAW-G wire electrode is designed to provide a flat bead shape and high deposition rates in any position using 100% CO₂ shielding gas. UltraCore HD Marine welds exhibit decreased spatter levels and low fume generation rates over previous wires.

Phoenix International Inc
Booth ............. N24037
Type 40HT
The Type 40HT rebaking oven was recently introduced for bulk storage of electrodes that have been exposed to moisture. The 40HT is fully programmable controller can automate the ramp/soak procedure recommended by the electrode manufacturer.

Weld Mold Co
Booth ............. N9099
Custom Alloy Capability
Weld Mold is capable of rapidly developing or modifying specialty electrodes and flux-cored alloys to suit almost any customer requirement and almost any AWS welding specification – providing performance-matched weld solutions.

Rhodius
Booth ............. N4094
HydroProtect Enhanced Cutting Wheels
Rhodius introduces the HydroProtect formula, optimizing the cohesion between grit and bond. HydroProtect encapsulates each individual piece of grit offering longer shelf life and enhanced safety with superior cutting performance.

Wrefs Welding LLC
Booth ............. N28059
WF-PS100 (X100 Grade Pipeline Welding Consumable)
WF-PS100 is an agglomerated flux developed for X100 pipes with two-run technique in high speed. Low flux basicity (1.5BIIW) ensures both of the mechanical properties and weldability.

AgT Robotics
Booth ............. N10082
BeamMaster Weld
The BeamMaster WELD is a Robotic Welding Line specially engineered to answer all the welding needs of structural steel fabricators. BeamMaster WELD features a small footprint, complete robotic automation and integration with dedicated software.

Changzhou Shine Science & Technology Co Ltd
Booth ............. N16083
AS-6122F(D) Welding Helmet
Changzhou Shine Science & Technology Co Ltd introduces its welding helmet with improved shell and larger 4x5 ADF.

CK Worldwide
Booth ............. N22037
Steady-Grip™
With a removable and adjustable pistol grip style handle, the Steady-Grip™ gives the operator smooth, accurate, and ergonomic control of the TIG welding process.

Kistler Machines
Booth ............. N12094
Pipe Rotators of the U-Range (150/500/1000)
The welding devices of the U-Range are fitted particularly to the pipe welder. The main application areas are Shipbuilding, Oil- and chemical industry and pipe construction.
Linemaster Switch Corp
Booth .......... N28071
Wireless RF Foot Control

Linemaster’s RF Wireless foot control is a unique plug and go system that is compatible with most brand name welding equipment.

Metabo Corp
Booth .......... N24046
Low Profile Angle Grinders

Metabo Flat Head angle grinders are tools for grinding, cutting and finishing in tight confined spaces. The Flat Head grinders can reach into included angles as low as 39º, or narrow spaces as tight as 2-5/8”.

Miller Electric Mfg Co
Booth ............ N11037
ArcReach™ Multiprocess Welding System

The ArcReach™ Multiprocess Welding System is designed to reduce downtime, costs and exposure to safety hazards by allowing welding operators to set voltage at the weld joint without the use of control cables.

MK Products Inc
Booth ............ N6004
CobraMig 300

MK Products introduces the CobraMig 300 Aluminum Push-Pull MIG welder with CobraLoc. CobraLoc allows users to separate the feeder from the power supply, giving them portability and full digital control to the weld environment.

Pemamek Oy Ltd
Booth ............. N9104
PEMA WeldControl 300 Create

Pemamek Oy Ltd offers its weld process monitoring solution, robotized welding at one-off lines. This provides offline programming to small and middle-sized work pieces that have a certain repeatability, but that are still one-off products.

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**Welding Machines/Equipment**

**PROTEM USA LLC**
Booth .................. N18108
**PROTEM HSB**

The PROTEM HSB is a PFM (Pipe Facing Machine), range includes 114.3 mm - 1828.8 mm and 4.5” - 72”.

**PTG Heavy Industries Ltd**
Booth ................. N21084
**Crawford Swift CNC Friction Stir Welder**

Recent R&D activities at PTG Heavy Industries’ UK-based headquarters takes the capabilities of its FSW machine to include the successful jointing of exotic steel and titanium alloys that are suited to the requirements of space and aerospace applications.

**PTR-Precision Technologies Inc**
Booth .............. N11049
**LasVac - Laser Welding in Vacuum System**

PTR’s laser welding system produces cleaner welds with little to no spatter and without using cover gas. PTR’s laser in vacuum system can even weld up to twice as deep for a given beam power and puts less heat and distortion into the workpiece.

**Pyro Shield Inc**
Booth .................. C1640
**Induction Heat Convection Ovens**

Pyro Shield’s introduces its induction heat convention ovens for uniform preheat and stress relief of metals that cannot be heat-treated through induction (i.e. Aluminum, or Stainless Steel). Powered By Miller Electric’s Proheat 35 Induction Machine.

**Sideros Engineering**
Booth .................. S504
**SYNCROLIFT - Head and Tailstock Positioner**

The SYNCROLIFT offers revolutionary features that include compactness and portability of the head and tailstock thanks to dedicated hydraulic jacks. Syncrolift features two all electric axis: electrical elevation/descent, and electrical 360° left/right rotation.

**Southern Stud Weld Inc**
Booth .............. N28035
**Soyer HesoMatic-9**

This mobile stud welding station combines energy source, control and feeding units in one compact housing.

**Strong Hand Tools**
Booth .................. N26022
**GRASSHOPPER Clamp**

The GRASSHOPPER Clamp is the safe, efficient way to position small parts for tack welding! Steady small parts such as: bolts, nuts, tabs, and thin metal plates at odd angles with full welding clearance.

**SYI Industrial Co Ltd**
Booth .................. C1532
**F5617 Automatic Tracking System of Welding**

SYI Industrial integrated the automatic tracking device with the optimized welding device, fitting for large structure products. Also, successfully applying to the automatic welding of mining hydraulic support parts and mine loaders’ nose.

**Timesavers LLC**
Booth .................. S1914
**Top and Bottom Deburring Brush Machine**

The top and bottom grinder not only deburrs both sides of a part in one pass, but also showcases a new style not seen before.

**Tregaskiss**
Booth .................. N14037
**TOUGH GUN™ CA3 Robotic Air-Cooled MIG Guns**

Featuring a replaceable unicable that offers extended service life to reduce downtime and costs, the CA3 Robotic Air-Cooled MIG Gun is a replacement for the TOUGH GUN G1 Series MIG Gun that maintains TCP with minimal or no robotic programming touch ups.

**Walter Surface Technologies**
Booth .................. N16106
**SURFOX 304**

Walter offers its powerful electrochemical MIG & TIG weld cleaning system for stainless steel.

**Well Engineering North America**
Booth .................. S2154
**LWM & LWC Laser Welding Machines**

LWM laser welding module performs multi-axis welding on stamped parts (injectors/valves). LWC laser welding cell is a configurable welder/cutter. Can have 20” or 40” wide coil-fed laser cutting machine or a multi-axis welding cell w/ laser part marking.

**Weldobot Ltd**
Booth .................. N22106
**SuperMig**

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