



# International METAL DECORATOR

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## Resource Guide

Welcome to our IMDA Annual Conference. We hope that the next two days spent with fellow metal decorating industry members prove to be worthwhile and most enjoyable. It is the Conference Committee's goal to provide an arena where you benefit from the numerous insightful presentations and the programmed networking opportunities afforded the attendees. We also hope that those who participated in our Scholarship Golf Outing activities had a great time. Your support for our Scholarship Program is greatly appreciated by the IMDA members and most importantly by the member family recipients.

We have a full agenda for the Conference which begins with our Membership Meeting on Wednesday morning. During the meeting we will induct our newest members and recognize members with their years of service to the IMDA. This is also the year of change in the IMDA Officer positions and we will also recognize our new officers during the meeting.

During our Wednesday luncheon, we will announce our Scholarship recipients, recognize our Member of the Year, Award our Decorators of the Year, and conduct the awarding of our Excellence in Quality Showcase winners.

We have many to Thank for their contributions to our continued success. Without the dedication of our Officers, Directors and Committee members, this organization could not and would not function. Without the support of our golf sponsors, conference sponsors, quality sponsors and newest advertisers, we could not fiscally make this organization financially viable. On behalf of all of the IMDA Members, Thank You!

Our mission for this Conference is to have you thoroughly satisfied feeling that the time spent was rewarding such that you leave thinking and stating that you want to return again next year. Not only do we want for you to think and speak your feelings, but also to share them with us by completing the accompanying survey for each session of our Conference. We will reward you for your contributions throughout the Conference by conducting raffles and offering you the opportunity to win exciting prizes. When you submit your survey copy after each session, you will receive your raffle ticket.

Thank you for being with us; we appreciate your support!



## 2017 OFFICERS & DIRECTORS

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Michael Masenior\*

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\* Executive Committee Member



## 2017 SCHOLARSHIPS

We received more than 30 requests for applications and more than 20 students submitted applications and essays. In order to fairly select the winners, copies of the essays were sent to each of the judges, seven past presidents, with all identifying information removed. Each judge was asked to rank the essays in order of merit. This approach is totally equitable in that it is blind to the members and candidates. We will announce the recipients during our Awards Luncheon held at our recent conference.

## Dues are Due

Thank you to those who have submitted the dues payment for 2017. We appreciate your continued support. If you have not submitted your payment yet, we urge you to do so. We mailed out second notice invoices in the past few weeks and need your payment to keep the membership status in good standing and to be included in our new directory which will be produced in the next few months. For those who have registered for the Conference as a member at the reduced member rate, but have not yet paid your dues, we will be contacting you to obtain payment either for the non-member Conference rate difference or for the annual dues. No matter what choice is made, we certainly appreciate your support of our non profit organization.

## Memorials

We are saddened to report the passing of long time industry member and friend to many, James Bernardi on May 5, 2017.

## Conference Presentations

We will post this year's conference presentations on our website by the end of July. You will be able to find them in the Member Section. If you need assistance for getting access please E: [info@metaldecorators.org](mailto:info@metaldecorators.org) for help; we will gladly assist.

### DecoDates

#### September 10-14 2017

##### **Print 17**

McCormick Place  
 Chicago, IL  
[www.graphexpo.com](http://www.graphexpo.com)

#### October 24-25, 2017

##### **Canmaker Summit**

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

#### October 30- November 1, 2017

##### **Asia Can Tech**

Thailand  
[Asia-can.com](http://Asia-can.com)

#### May 15-18, 2018

##### **Cannex & Fillex Asia Pacific 2018**

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

#### May 22, 2018

##### **IMDA Scholarship Golf Outing**

Hilton Oak Brook Hills Resort  
 Oak Brook, IL USA  
 Tel: 410-252-5205  
 E: [info@metaldecorators.org](mailto:info@metaldecorators.org)

#### May 23-24, 2018

##### **IMDA Annual Conference**

Hilton Oak Brook Hills Resort  
 Oak Brook, IL USA  
 Tel: 410 252 5205  
 E: [info@metaldecorators.org](mailto:info@metaldecorators.org)  
[metaldecorators.org](http://metaldecorators.org)



First Name	Last Name	Year Joined	Years
John W.	Weibley	1977	40
Kenneth J.	Matyska	1982	35
Leonard R.	Miller	1982	35
F. William	Graue	1987	30
Bruce P.	McClain	1987	30
Michael C.	Yavorski	1987	30
John R.	Frangakis	1997	20
Janelle Renee	Harris	1997	20
Dan	Lombardo	1997	20
George B.	Menchen	1997	20
Eric J.	Slamans	1997	20
Kenneth J.	Slater	1997	20
Lucio Wong	Yan	1997	20
Thomas	Andamasaris	2002	15
David	Harbourne	2002	15
Joerg	Pfuetzner	2002	15
Jeffrey D.	Schwartz	2002	15
Bob	Blandford	2007	10
Steven	Cassa	2007	10
Janice M.	Delisio	2007	10
Beau	Dickson	2007	10
Greg	Frisby	2007	10
Robert	Fryer	2007	10
Richard D.	Huether	2007	10
Chuck	Nagy	2007	10
Woody	Rowe	2007	10
Rick	Schneider	2007	10
Robert	Shaughnessy	2007	10
Craig	Yavorski	2007	10
Paul	Beard	2012	5
Markus	Britsch	2012	5
Mark	Cernuda	2012	5

First Name	Last Name	Year Joined	Years
Steve	Clark	2012	5
Justin J.	Epler	2012	5
Catie	Filkins	2012	5
Maynard	Freer	2012	5
Juan Carlos	Gallegos	2012	5
David	Grant	2012	5
Ralf	Gumbel	2012	5
Kurt	Hidajat	2012	5
Stephen L.	Higginson	2012	5
Tadaharu	Hoshikawa	2012	5
Glen J.	Huey	2012	5
Takehiko	Iguchi	2012	5
Markus	Jung-Diefenbach	2012	5
Brian	Keefe	2012	5
Burt	Marchman	2012	5
Gerald J.	Masters	2012	5
Joseph	McEachern	2012	5
Hope C.	McFall	2012	5
Timothy B.	McGlinchy	2012	5
Gene	Pawula	2012	5
Rodrigo	Peralta	2012	5
Andy	Pott	2012	5
Dr. Doug	Rasic	2012	5
Craig M.	Ressler	2012	5
John M.	Rierner	2012	5
Hugo	Rocha	2012	5
Dhiren	Sanghani	2012	5
Mark	Selepack	2012	5
Richard	Shenowski	2012	5
Steve	Turnbull	2012	5
Thomas A.	Van Kuren	2012	5

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## New Members Inducted May 2017

We were pleased to induct the following new members into the **IMDA** during our Annual Membership Meeting on May 24th.

***Congratulations!***

### October 2016 Voting

First	Last	Company	City	State	Country
Byron	Barrington	GCPAT	Chicago	IL	USA
Susann	Kutay	Kodak Canada ULC	Burnaby	BC	CANADA
Julie	Speiss	Hell Direct Laser Engraving	Inman	SC	USA
Peter	Stathopoulos	Montebello Packaging	Hawkesbury	ON	CANADA
Dan	Sweetwood	Allied Photo Chemical	Kimball	MI	USA
Tom	Zopf	Montebello Packaging	Hawkesbury	ON	CANADA

### May 2017 Voting

First	Last	Company	City	State	Country
Michael	Block	Carey Color, Inc. Chicago Div	West Chicago	IL	USA
Craig	Bowman	Crown Cork & Seal	Alsip	IL	USA
Victor	Bunte	Crown Cork & Seal	Aurora	IL	USA
Andrew	Byrne	SPG Prints Austria GmbH	Langkampfen		AUSTRIA
Joshua K.	Chesney	Silgan Closures	Downers Grove	IL	USA
Holly	Cook	Perm Machine & Tool Company	St. John	IN	USA
Brian	Cummins	Hell Direct Laser Engraving	Inman	SC	USA
Jose	Diaz	Crown Food Packaging North America	Philadelphia	PA	USA
Angela	DiMasso-Henneman	Precoat Metals	Hilliard	OH	USA
Gino R.	DiMichele	G Consulting	Steubenville	OH	USA
Damon	Geer	Zeller + Gmelin	Dallas	TX	USA
Donald	Gustafson	IST America Corporation	Shorewood	IL	USA
Shane E.	Huber	Crown Cork & Seal USA, Inc	Lancaster	OH	USA
Timothy B.	Keith	Crown Cork & Seal	Lancaster	OH	USA
Kevin	Kennedy	DYC Supply	Virginia Beach	VA	USA
Nichole	Kindig	J.L. Clark	Rockford	IL	USA
Bill	Lauer	American UV / Aetek UV	Lebanon	IN	USA
Robert	Madura	Watson Standard Company	Harwick	PA	USA
Victor	Milan	Caribbean Can Mfanufacturing Co. LLC	Cidra	IL	USA
Sandra	Miller	Crown Packaging Technology	Alsip	IL	USA
Renee	Muloski	Crown Packaging Technology	Alsip	IL	USA
James	Munroe	Crown Food Packaging North America	Crawfordsville	IN	USA
Andrew	Nackovic	J.L. Clark	Rockford	IL	USA
Rod	Osborn	X-Rite/Pantone	Grand Rapids	MI	USA
William	Parish	Cleveland Steel Container Corporation	Niles	OH	USA
Nicole	Rüffer	ISRA Vision AG	Darmstadt	Hessen	GERMANY
Tony	Ruth	Pamarco	Marietta	GA	USA
Mike	Stamm	ITS International Thermal Systems	Milwaukee	WI	USA
Michael	Voss	Miltec UV	Stevensville	MD	USA
Steven	Watson	Crabtree of Gateshead	Gateshead	Tyne Wear	UK
Nathan M.	Zerrahn	CMC-Kuhnke	Albany	NY	USA





Visual Communication Technology

## GLOSSARY OF TERMS

**Terminology Used for 2PC Metal Decorating  
Process Design and Measurement (Part One)**

### **Abrasion Resistance**

The ability of a material to withstand mechanical action such as rubbing, scraping or erosion, that tends to progressively remove material from the surface.

### **Adhesion**

The state in which two surfaces are held together by interfacial forces which may consist of valence forces or interlocking action, or both.

### **Adhesive**

Any substance that is capable of bonding other substances together by surface attachment.

### **Additive**

Wet or dry raw material (generally not referring to the colorants or vehicle) that affects the physical and/or chemical properties of the ink.

### **Base Ink**

A finished ink that contains only one colorant.

### **Base Blend**

Ink made by mixing base inks together in the proper ratio to achieve the desired finished ink color.

### **Batch**

A quantity of ink made at one time.

### **Blanket**

The Blanket or Printing Blanket is a compressible sheet of synthetic rubber which transfers an ink image from the printing plate to the substrate.

### **Blend**

An ink formulation consisting of a combination of finished base inks.

### **Body Maker**

A reciprocating die press used to draw, iron, and form the basic 2PC can body. A cup or can body blank is forced through a series of concentric dies to form a dimensionally correct 2PC.

### **Bump**

Over-printing an image a 2nd (or 3rd) time with the same ink. Bump plates usually have wider openings of reverse copy than the main plate image it over-prints.

### **Clean**

A general term for a light, bright appearance to the print tone or mass tone of an ink.

### **Colorant/Coloring Matter**

A pigment; dye; or other material which gives the ink color.

### **Contamination**

The presence of foreign matter in an ink. This usually refers to another ink, but can be any foreign matter.

### **Cross-contamination**

Contamination that occurs specifically on the decorator from inks in contact with one another on the blankets.

### **Crosslinking**

The chemical combining of monomers, oligomers and/or polymers to enhance their properties which also renders them insoluble.

### **Cup**

A cup shaped can body blank.

### **Copper**

A hydraulic plunger press used to stamp a cup shaped can body blank from a coil of aluminum.

### **Cure**

Conversion of a material from a raw "liquid" state to a finished and useful "solid" condition by chemical reaction.

### **DE/Delta E**

An arithmetic value referring to the difference between two colors. There are many different color measurement factors and tolerance methods which determine DE value.

### **Decorator**

A type of printing press designed for printing tubular forms. Up to eight colors are applied to a common blanket via a raised image plate before being offset onto the can. This process is commonly referred to as dry offset.

### **Density**

In physics – A measurement of the mass per unit of volume of a substance. In printing – A measure of the reflected light. (See also "Optical Density".)

### **Drawdown**

A test by which two inks are compared side-by-side on a common substrate for the purpose of comparing shade. ... A "lab print" is often incorrectly called a drawdown.



## 21<sup>st</sup> Annual *Excellence in Quality* Competition for 2017

We extend a special **Thank You** to the companies listed below for their 2017 Sponsorship, not only in a financial way, but for believing that there is value in recognizing those metal decorating companies who participated. Without their support, our showcase would not be a reality.

### GOLD LEVEL

**CSM-Fab**  
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**ENVIRONMENTAL**  
SERVICES & TECHNOLOGIES INC.  
OXIDIZERS • INCINERATORS • OVENS  
Engineer • Consulting • Service Company for Air Pollution Control and Process Equipment



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MACHINE & TOOL CO.

**WATSON** STANDARD<sup>®</sup>  
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### SILVER LEVEL



**PPG** PPG Packaging Coatings  
Bringing innovation to the surface.™

### BRONZE LEVEL



**SunChemical**<sup>®</sup>  
a member of the DIC group



On behalf of the **IMDA Membership**, We Extend Our Sincere Gratitude to the following Committee Members. Without your tireless efforts and contributions, our events would not be possible.

*Thank You!*

## Scholarship Golf Committee



Kyle Hurla, *Chairman*  
Gene Furey

John Greenwald  
Bill Hoyle

Art Hurley  
Jack Knight

Ken Matyska  
Gary Silke

## Annual Conference Committee



Dr. William Hoyle, *Chairman*  
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Bob Blandford  
Steve Carter  
John Clark  
Sam Courtney  
Tim Duca  
Craig Eberts  
Paul Fennessy

Joe Finan  
Mark Finch  
John Friedman  
Gene Furey  
Bill Graue  
John Greenwald  
Nick Hammer  
Janelle Harris  
Kyle Hurla

Art Hurley  
Thor Jondahl  
Jack Knight  
Sue Kutay  
Jim Lore  
Carl Martel  
Michael Masenior  
Ken Matyska  
Mark Novotny

Renee Schouten  
Phil Shaughnessy  
Gary Silke  
Steve Steerman  
Mark Von Bokel  
Mike Wilks  
Mike Yavorski

## 2017 Conference Sponsorship

The **International Metal Decorators Association** is grateful for the sponsorship from the following companies. With your support we are able to present the industry with our motivational and educational speakers, awards, and to also maintain affordable conference fees to name some of the benefits from your contributions.

*Without your support, our events would not be the same.*

Akzo Nobel Packaging Coatings  
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CanTech International  
Coral Chemical  
Crown Cork & Seal  
CSM - Fab  
DYC Supply  
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GED Integrated Solutions  
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Heraeus Noblelight America  
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INX International Ink Co.  
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JM Travis Ltd.  
KBA-MetalPrint GmbH Kodak  
Miltec UV  
Nordson Corporation  
Perm Machine & Tool Co.

PPG Packaging Coatings  
Rollercoat Industries  
Rosario Can Technology  
Sencon  
Southern Graphic Systems  
Sensory Analytics (SpecMetrix)  
Stolle Machinery Company  
Sun Chemical  
T.D. Wright Inc.  
The Canmaker  
The Ohio Art Co.  
Toray International  
Watson Standard



## **Dry Offset**

The printing method of the 2-piece decorating process. "Dry" refers to the lack of a water dampening process in the inking system.

## **Durometer**

The measure of Shore Hardness of a rubber or synthetic composition compressible roller.

## **Dye**

Dry coloring matter, usually a soluble powder to be mixed and dissolved with a vehicle to produce ink and similar products.

## **Dyne Level**

Dyne level testing is a method widely used to test the treatment level of a substrate intended for printing, laminating, or coating. Test results are based on how varying surface tension solutions react when applied to a non absorptive surface.

## **Feathering**

Small lines going from the color image area to a non-image area or another color.

## **Fill-in**

Solid color merging into a non-image area or another color.

## **Finished Ink**

An ink that meets all QA specifications.

## **Flexibility**

The ability of a material to twist and bend without cracking or suffering other damage.

## **Gelling**

A premature chemical reaction of an ink or coating during production or storage from a liquid state to a solid state that cannot be reversed by stirring. In 2PC ink, this is most commonly the result of exposure to heat.

## **Graduated Screen**

A screen that fades from a stronger to a lesser % value.

## **Gloss**

The property of a surface which causes it to reflect light.

## **Grind**

A measure of the particle size and incidence of any dry raw materials present in an ink. Or, the act of passing ink through a mill to crush dry raw material particles.

## **Halftone**

A reproduction of a photograph or other image in which tones of gray or color are produced by variously sized dots of ink.

*INX Glossary of Terms (Part Two) will be published in the next issue!*

## IMDA Committees and Chairpersons

The following persons are in the current leadership roles. If you wish to join a committee, please email us at [info@metaldecorators.org](mailto:info@metaldecorators.org) or visit us at the registration desk and let us know what committee you want to participate on. Our committee chairperson will contact you soon after.

**Conference Committee:** Dr. William Hoyle

**Scholarship Golf Outing:** Kyle Hurla

**Newsletter:** Michael Masenior

**International Outreach:** Jack Knight

**Website:** Renee Schouten

**Social Media:** Michael Masenior

**Membership:** Mark Novotny

**Decorator of the Year:** Ken Matyska

**Excellence in Quality:** Michael Masenior

**Scholarship:** Gene Furey (*only open to Past Presidents*)

**Nominating:** Joe Finan (*only open to Exec. Committee*)

**Technical Resource:** Steve Steerman

**Note to our New Members:** We received your request to join a committee when you completed your membership application and we will be in contact with you in the near future. Thank you for your anticipated participation; we are glad that you are getting involved soon after joining.

## Future Newsletter Publications

### *Request for Articles*

Following are the dates of future publications and featured topics. If you wish to submit copy, please email the files to [info@metaldecorators.org](mailto:info@metaldecorators.org) by the listed due dates.

### **Third Quarter 2017** (*copy due June 30, 2017*)

Conference Review and Photos. Quality Contest  
Review: Technical: Inks & Coatings

### **Fourth Quarter 2017** (*copy due October 15, 2017*)

Topics: New Equipment and Product reviews

All issues will include Technology papers. Please submit by the respective due dates.

**Mark your calendars** and inform your PR staff, marketing departments and others key to providing valuable information for our industry. Please see the advertising rate sheet for copy submission deadlines, rates and specifications.





# METAL DECORATING RESOURCE GUIDE

## AIR POLLUTION CONTROL

**Adwest Technologies, Inc**  
(conference sponsor)  
1175 North Van Horne Way  
Anaheim, CA 92806  
Tel: 714-632-9801  
www.adwestusa.com

**Anguil Environmental Systems**  
8855 N. 55th Street  
Milwaukee, WI 53211 USA  
Tel: +1 414-365-6400  
www.anguil.com

**Babcock & Wilcox Megtec Systems**  
830 Prosper Street  
De Pere, WI 54115  
Tel: 920-337-1505  
www.megtec.com

**Environmental Services & Technologies**  
(conference and quality sponsor)  
4941 41st Street  
Moline, IL 61265 USA  
Tel: 309-762-9551  
www.envsrv.com

**Epcon Industrial Systems**  
PO Box 7060  
The Woodlands, TX 77387  
Tel: 936-273-3300  
epcon@epconlp.com

**Pro-Environmental, Inc**  
10134 6th Street, Suite K  
Rancho Cucamonga, CA 91730  
Tel: 909-898-3010  
www.pro-env.com

## ANILOX SYSTEMS

**Art International**  
16745 Cagan Crossings Ste 102B-69  
Clermont, FL 34714  
Tel: +1 831-295-2969  
anilox@me.com

**Travis Ltd, LLC**  
(conference sponsor)  
27031 Trinity Heights  
San Antonio, TX 78261 USA  
Tel: 740-407-0685  
www.travisltd.com

## BLANKETS

**DYC Supply**  
(conference sponsor)  
5740 Bay Side Road  
Virginia Beach, VA 23455 USA  
Tel: 800-446-8240  
www.d-y-c.com

**Package Print Technology**  
1831 Niagara Street  
Buffalo, NY 14207 USA  
Tel: 800-382-8851  
www.packageprinttech.com

**Premier Blankets**  
860 East State Parkway  
Schaumburg, IL 60173  
Tel: 847-310-8140  
www.premierblanket.com

## BODYMAKER SPARE PARTS

**Beckon Worldwide Inc**  
455 E. Clinton Place  
St. Louis, MO 63122 USA  
Tel: +1 314-965-0755  
www.beckonworldwide.com

## CHEMICALS & MATERIALS

**Coral Chemical Company**  
(see *Lubricants & Cleaners*)

**Grace Davison Materials & Packaging**  
(conference sponsor)  
7500 Grace Drive  
Columbia, MD 21044 USA  
Tel: +1 410-531-4000  
bryan.t.pugh@grace.com

**Henkel Corporation**  
(conference sponsor)  
32100 Stephenson Hwy  
Madison Heights, MI 48071  
Tel: +1 248-577-2243  
www.henkelnna.com

## COATINGS

**AkzoNobel Packaging Coatings**  
(conference and quality sponsor)  
16651 Sprague Road  
Strongsville, OH 44136 USA  
Tel: +1 440-297-5589  
www.akzonobel.com

**PPG Industries**  
(quality sponsor)  
500 TechneCenter Drive  
Milford, OH 45150  
Tel: +1 513-576-3100  
www.packagingcoatings.com

**Prime Coatings**  
1002 Hickory Street  
Pewaukee, WI 53072 USA  
Tel: +1 262-691-1930  
www.primecoatings.net

**Sidas Coatings, LLC**  
909-K Canterbury Road  
Westlake, OH 44145 USA  
Tel: 440-871-4164  
www.sidasacoatings.com

**Valspar Corporation**  
(conference sponsor)  
2001 Tracy Street  
Pittsburgh, PA 15233 USA  
Tel: +1 412-766-9300

**Watson Standard**  
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616 Hite Road  
Harwick, PA 15049 USA  
Tel: +1 724-275-1000  
www.watsonstandard.com

## COATING APPLICATION SYSTEMS

**Nordson Corporation**  
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300 Nordson Drive  
Amherst, OH 44001  
Tel: +1 440-985-4000  
www.nordson.com/container

## COATING, PRESS & TWO PIECE ROLLERS

**Finzer Roller, Inc**  
(conference sponsor)  
129 Rawls Road  
Des Plaines, IL 60018 USA  
www.finzerroller.com

**Pacesetter Graphic Service Corp.**  
2672 Hickory Grove Road  
Acworth, GA 30101  
www.pacesetterusa.com

**Rollercoat Industries**  
(conference and quality sponsor)  
10135 Hwy 62 East  
Tampa, FL 33610 USA  
Tel: 800-248-4351  
www.rollercoat.com

**Urethane Roller Specialists**  
100 S. Central Ave  
PO Box 566  
Eureka, MO 63025 USA  
Tel: 800-367-1136  
www.urethaneroller.com

## CONSULTANTS

**Beckon Worldwide**  
(see *Bodymaker spare parts*)

**Environmental Services & Technology**  
(see *Air Pollution Control*)



## METAL DECORATING RESOURCE GUIDE

### DAMPENING SYSTEMS

**Epic Products International**  
2801 E. Randol Mill Road  
Arlington, TX 76011 USA  
www.epicproducts.com

### FLAT SHEET PRESSES

**Fuji Kikai Kogyo Co, Ltd.**  
(conference sponsor)  
44-2-10 Hachihonmatsuhigashi  
Higashihiroshima, 739-0146 Japan  
Tel: +81-82-428-2455  
www.fujikikai.co.jp

**KBA-MetalPrint**  
(conference sponsor)  
Wernerstr. 119-129  
D-70435 Stuttgart, Germany  
Tel: +49 711-69971-0  
www.kba-metalprint.de

**Crabtree of Gateshead**  
(conference sponsor)  
Trading Estate, Gateshead  
Tyne & Wear, NE11 0SU UK  
Tel: +44-191-487-5071  
www.crabpress.co.uk

### INDUCTION HEATING

**Ajax Tocco Magnethermic**  
(conference sponsor)  
1745 Overland Avenue N.E.  
Warren, OH 44483 USA  
Tel: 330-372-8552  
www.ajaxtocco.com

### INKS

**Chromatic Technologies, Inc**  
(quality sponsor)  
1096 Elkton Drive, Suite 600  
Colorado Springs, CO 80907 USA  
Tel: +1 719-592-1557  
www.ctiinks.com

**INX International Ink Co**  
(conference and quality sponsor)  
10820 Withers Cove Park Drive  
Charlotte, NC 28278 USA  
Tel: +1 704-372-2080  
www.inxinternational.com

**Sun Chemical**  
(conference sponsor)  
135 W. Lake Street  
Northlake, IL 60164  
Tel: 708-236-3798  
www.sunchemical.com

### LUBRICANTS & CLEANERS

**Chemtool Incorporated**  
8200 Ridgely Road  
Crystal Lake, IL 60039 USA  
Tel: +1 815-459-1250  
www.chemtool.com

**Coral Chemical Company**  
(conference sponsor)  
1915 Industrial Ave.  
Zion, IL 60099  
1-847-246-6666  
www.coral.com

**JAX Inc**  
(conference sponsor)  
W134 N5373 Campbell Drive  
Menomonee Falls, WI 53051 USA  
Tel: +1 262-781-8850  
www.jax.com

### MAGNETIC CYLINDERS

**Bunting Magnetics**  
(conference sponsor)  
500 S. Spencer Road  
Newton, KS 67114 USA  
Tel: 316-284-2020  
www.buntingmagnetics.com

**T.D. Wright Inc.**  
(conference sponsor)  
292 Walnut Street  
St. Paul, MN 55102 USA  
Tel: +1 651-227-1302  
www.magneticcylinders.com

### MAINTENANCE

**Amro Supply Inc**  
140-11 Keyland Court  
Bohemia, NY 11716 USA  
Tel: +1 631-419-1203  
www.amro-supply.com

### METAL SHEET DETECTORS

**Prime Controls**  
4528 Gateway Circle  
Dayton, OH 45440 USA  
Tel: +1 937-435-8659  
www.primecontrols.com

### OVENS

**Ajax TOCCO Magnethermic**  
(conference sponsor)  
1745 Overland Avenue N.E.  
Warren, OH 44483  
Tel: 330-372-8552  
asmetana@ajaxtocco.com

**Arc Pacific Limited**  
1005 Richards Road, Ste. P  
Hartland, WI 53029  
Tel: 262-367-5096  
www.arcpacific.com

### OVEN CLEANING

**Ace Cleaning Experts**  
4922 Chase Rd. SE  
Carrollton, OH 44615 USA  
Tel: 330-283-9464  
chuck@acecleaningexperts.com

### OVEN PARTS & SERVICES

**Environmental Services & Technologies**  
(sponsor)  
4941 41st Street  
Moline, IL 61265  
Tel: 309-762-9551  
www.envsrv.com

**Babcock & Wilcox Megtec Systems**  
830 Prosper Street  
De Pere, WI 54115  
Tel: 920-337-1505  
www.megtec.com

**Perm Machine & Tool Co**  
(conference and quality sponsor)  
9660 Industrial Drive  
St. John, IN 46373 USA  
Tel: +1 219-365-5000  
www.permmachine.com

### PREPRESS SERVICES

**Anderson Vreeland**  
(conference sponsor)  
15348 Rt 127 N.E.  
Bryan, OH 43506 USA  
Tel: 866-282-7697  
www.andersonvreeland.com

**Carey Color, Inc** (Chicago Div.)  
1160 Pierson Drive Suite 102  
Batavia, IL 60510  
Tel: 630-858-6901  
bbeaver@careyweb.com

**Cocks Clark Graphics, Inc**  
(conference sponsor)  
2200 Arapahoe Street  
Denver, CO 80205 USA  
Tel: 1-303-919-3920  
www.ocksclark.com

**Meridian Arts & Graphics**  
(quality sponsor)  
16 Belgrade Street  
Youngstown, OH 44505  
Tel: 330-759-9099  
twebb@meridianarts.com



# METAL DECORATING RESOURCE GUIDE

## SGS International

(conference and quality sponsor)  
626 W. Main Street Suite 500  
Louisville, KY 40202 USA  
Tel: 502-637-5443  
www.sgsintl.com

## SS Studios

1023 Commerce Avenue  
Union, NJ 07083  
Tel: 908-686-5536  
www.sstudios.com

## VN Graphics

14640 NE 91st Street  
Redmond, WA 98052 USA  
Tel: 425-454-5165  
www.vngraphics.com

## Youngstown Pre-Press Inc

(quality sponsor)  
3691 LeHarps Road  
Youngstown, OH 44515  
Tel: 330-793-3690  
gdobrintd@ameritech.net

## PRESS/COATER CYLINDER REPAIR/ REPLACEMENT

### Beckon Worldwide

(see *Bodymaker spare parts*)

### Brodie System

(conference and quality sponsor)  
1539 West Elizabeth Ave  
Linden, NJ 07036 USA  
Tel: 908-862-8620  
www.brodiesystem.com

## QUALITY TESTING & VISUAL INSPECTION EQUIPMENT

### Acu-Gage Systems

12 Park Avenue  
Hudson, NH 03051  
Tel: 603-622-2481  
www.acu-gage.com

### Advanced Color Technologies

200 Capri Court  
Greenville, SC 29609 USA  
Tel: 864-370-2990  
www.measurecolor.com

### Applied Vision Corporation

(conference sponsor)  
2020 Vision Lane  
Akron, OH 44223 USA  
Tel: +1 330-926-2222  
www.appliedvision.com

### CMC-KUHNKE, Inc.

1060 Broadway  
Albany, NY 12204 USA  
Tel: +1 518-694-3310  
www.cmc-kuhnke.com

## grafikAmerica

1285 West King Street  
York, PA 17404 USA  
Tel: 1-717-843-3183  
www.grafikontrol.it

## ibea GmbH

Kleine Bahnstr. 8  
D-22525 Hamburg, Germany  
Tel: +49 40 689887-0  
www.ibea.de

## ISRA Vision

4470 Peachtree Lakes Drive  
Duluth, GA 30096 USA  
Tel: +1 770-449-7776  
www.isravision.com

## Intelligence Sensing, Inc

46828 Butternut Road  
Oberlin, OH 44074 USA  
Tel: +1 440-774-4411  
www.intelsen.com

## Pressco Technology, Inc

29200 Aurora Road  
Cleveland, OH 44139 USA  
Tel: +1 440-498-2600  
www.pressco.com

## Sencon

(conference sponsor)  
6385 W. 74th Street  
Bedford Park, IL 60638 USA  
Tel: +1 708-496-3100  
www.sencon.com

## Sensory Analytics

(conference sponsor)  
4413C West Market Street  
Greensboro, NC 27407 USA  
Tel: +1 336-315-6090  
www.sensoryanalytics.com

## REPAIR (SPARE) PARTS

### Beckon Worldwide

(see *Bodymaker spare parts*)

### Cleveland Folder Service

4330 Lee Ave, Gurnee, IL 60031 USA  
Tel: +1 847-782-5850  
www.clevelandfolder.com

## TEMPERATURE CONTROLS

### Total Process Control

(conference sponsor)  
11855 I.H. 10 West  
Marion, TX 78124 USA  
Tel: 830-420-3564  
www.totalprocessinc.com

## TWO PIECE DECORATOR MACHINERY

### Belvac Production Machinery

237 Graves Mills Road  
Lynchburg, VA 24502  
Tel: +1 434-832-6300  
www.belvac.com

### Intercan Group Ltd

(conference sponsor)  
38 Burners Lane  
Kiln Farm, Milton Keynes  
MK11 3HB United Kingdom  
Tel: +44 (0) 1908 270041  
www.intercan.co.uk

### Rosario Can Technology

(conference sponsor)  
Eindestraat 129  
Dongen, The Netherlands  
Tel: 311 357 92600  
Harry.van.tuyn@rosario.nl

### Stolle Machinery

(conference sponsor)  
6949 South Potomac Street  
Centennial, CO 80112  
Tel: +1 303-708-9044  
www.stollemachinery.com

## USED EQUIPMENT DEALERS

### Perm Machine & Tool

(see *oven parts & services*)

## UV EQUIPMENT

### American Ultraviolet Co / Aetek UV Systems

1229 Romeoville, IL 60446 USA  
Tel: +1 630-226-4200 ext. 6000  
www.americanultraviolet.com

### GEW, Inc.

(conference sponsor)  
Unit X, 11941 Abbey Road  
North Royalton, OH 44133 USA  
Tel: +1 440-237-4439  
www.gewuv.com

### Heraeus Noblelight America

(conference sponsor)  
910 Clopper Road  
Gaithersburg, MD 20878  
Tel: +1 301-527-2660  
www.heraeus.com

### IST METZ GmbH

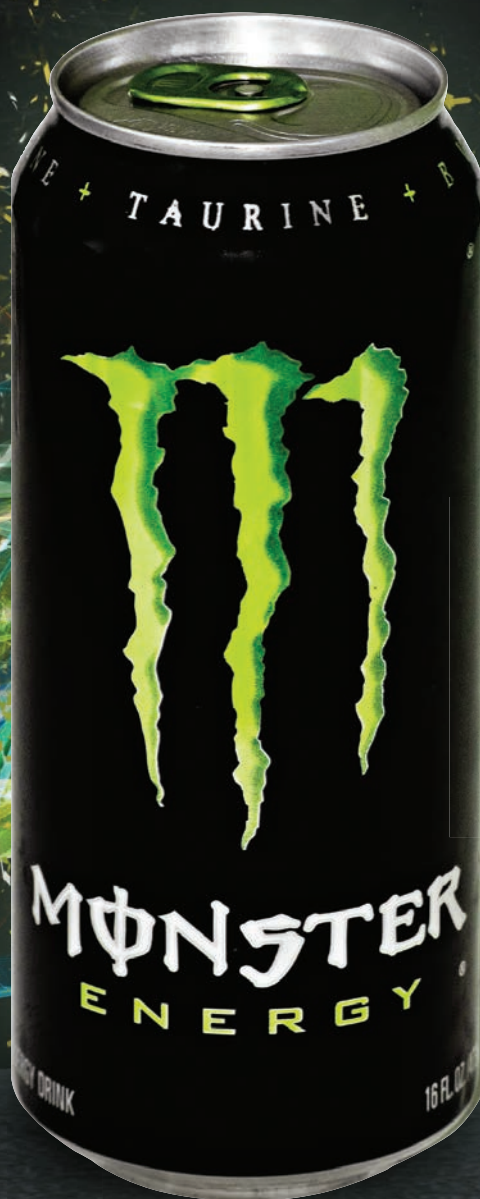
Lauterstrabe 14-18  
D-72622 Nürtingen, Germany  
www.ist-uv.com

### Miltec UV

(conference sponsor)  
146 Log Canoe Circle  
Stevensville, MD 21666  
Tel: 410-604-2900  
www.miltec.com



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