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Join and receive a free registration to a one-day seminar of your choice or a \$320 credit toward a two-day seminar. Contact Jim Flynn for more information at 216-901-8800, fax: 216-901-9190, jflynn@pma.org.

Welding as a Value-Added Process April 20, 2010 | Milwaukee, WI

Register today by:

FAX 216-901-9190

MAIL PMA—Attn: Deanna Nwosu
6363 Oak Tree Blvd., Independence, OH 44131

ONLINE www.pma.org/register

Questions? Call Deanna at 216-901-8800 x163

PMA Member Fee	Nonmember Fee
\$320 —1st person	\$420 —1st person
\$220 —Add'l person(s)	\$320 —Add'l person(s)
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Purchase orders are not accepted. Payment must accompany registration form.

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PMA reserves the right to amend the program should circumstances warrant such action. In the event of course cancellation, PMA will notify you within seven days of the program date, and will refund seminar fees. Liability for course cancellation is specifically limited to the amount of registration fees and excludes any incidental or consequential damages. Individual seminar cancellations must be made in writing. Registration fees are nonrefundable for cancellations received less than seven days prior to the seminar. Substitutions are welcome at any time.



6363 Oak Tree Blvd.
Independence, OH 44131

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**April 20, 2010
Milwaukee, WI**



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Program Schedule

Session 1

Resistance Welding

Max Linder, Bihler of America, Inc.

- Resistance welding process (principles and practical uses)
- Laser welding process (principles and practical uses)
- Equipment and hardware from Bihler company
- Welding with Bihler technology

Session 2

Safety, Quality and Productivity Using Advanced Processes

Jason Schmidt, Lincoln Electric

- What you need to know and resources for arc welding safety
- Overview of arc welding processes and how to choose the right one for you
- Production Monitoring for welding quality and production tracking

Session 3

Robotic Arc Welding and Adaptive Welding Solutions

Geoff Lipnevicius, Lincoln Electric

- Overview of robotic arc welding
- Common robotic welding systems and configurations
- How robotic welding can help fabrication productivity
- New robotic technologies to implement

Session 4

Weld Fume Control Solutions

Chris Bailey, Lincoln Electric

- Discussion on welding fumes and gases (what they are, how they are regulated, how they are monitored)
- Discussion on addressing welding fume exposure issues
- Overview of the Lincoln Electric weld fume control systems and solutions

Session 5

Technical Training Solutions

Jason Schmidt, Lincoln Electric

- Tools and materials to assist in arc welding instruction and training
- Lincoln Electric Technical Training Program
- JFLF materials and resources
- VRTEX 360 virtual reality welding system

Session 6

Improve Your Efficiency by Automating Your Press Brake

Ken Miller, Ellison Technologies Automation

- Advantages of automating your press brakes
- How to increase your through put
- Discussion on ways to eliminate manual manipulation of material

Session 7

Integrated Automation

Max Linder, Bihler of America, Inc.

- To stay competitive, stampers must look to new technologies that can be combined with their punching and forming dies
- How one U.S.-based manufacturer has turned the tables on offshore sourcing by offering services that low-cost labor cannot compete with
- How multi-slide capabilities can be incorporated into your manufacturing environment

Closing Remarks



Who Should Attend:

- General managers
- Production managers
- Process engineers
- Quoting/estimating personnels
- Design engineers
- Engineering managers

Schedule for April 20, 2010

7:30 a.m. – 8:00 a.m. – Meet and greet/Continental breakfast

8:00 a.m. – 4:00 p.m. – Seminar

Lunch and refreshment breaks will be provided.

Seminar Location/Hotel

Accommodations

Crowne Plaza Milwaukee Airport

6401 South 13th Street

Milwaukee, WI 53221

Phone: 414-764-5300

Rate: \$92 (plus tax)

Please call the hotel directly to make room reservations. Reference PMA to receive the special rate of \$92 (plus tax). PMA rate is available through April 18. Rooms at this rate after that date are subject to availability. Hotel accommodations include complimentary shuttle service to and from General Mitchell International Airport.

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