

VOICE OF THE \$40 BILLION CONTRACT METALWORKING INDUSTRY • www.ntma.org

Contents

Manufacturing for Growth Conference – the only way to grow!	1
Chairman's Corner	3
NCDMM Elects Directors Class of 2013	5
Growing Manufacturing	6
NTMA Raises Pro-Manufacturing Voice in 112th Congress	7
In Memoriam, Ernest E. Cormier, Sr.	8
Welcome New Members	8
Congress Extends the R&D Tax Credit	9
Southern Manufacturing Technologies, Inc., Earned OSHA's SHARP Award	9
Yarde Metals Announces Expansion with Addition of Livonia, Michigan Facility	10
The NTMA makes Member Value Top Priority	11
National Robotics League	12
In Memoriam, Harley "Hap" Hazzard	13
Calendar of Events	14
Investing in NTMA	15

The editorial content of the NTMA Record does not necessarily reflect the opinion of the National Tooling & Machining Association or its Chapter affiliates.

Manufacturing for Growth Conference – the only way to grow!

March 3-6, 2011 • Sheraton Wild Horse Pass Resort & Spa • Chandler, Arizona

The MFG Meeting (Manufacturing For Growth) brings together business owners and C-Level executives from around the country for a 4-day forum on how we can synergize our resources to restore manufacturing to its rightful place as an engine that drives the U.S economy.



"I went to my first NTMA meeting after going to a Purchasing Fair. I found out by talking to successful business owners that I should change the way I ran my business. I owe my success to being an NTMA member and the help other members gave me."

IL member

"Our company has been a member since 1943. We find that being an NTMA member gives us the opportunity to gain knowledge to help our business grow!"

CT member

"Our dues are more than paid for by the discount programs that we're able to participate in. However, the real value I get from my NTMA membership is by going to national and local meetings where I get to share ideas with others that want to help each other. This gives me a decided advantage in the business world"

MO member

Jointly produced by four major industry trade groups, this ground-breaking event tackles the issues that affect the entire realm of manufacturing and facilitates a conversation that can't be found at any event presented from a single sector's perspective.

Three Reasons You Must Attend This Meeting...

- The only event that brings together builders, distributors and users from throughout the manufacturing technology industry in an interactive session
- Learn at dynamic general sessions
- Share experiences and discuss opportunities at multiple networking events

NTMA

PERMIT NO. 58
Willoughby, OH
US POSTAGE PAID
FIRST-CLASS MAIL
PRESORTED

The Record
National Tooling & Machining Association
6363 Oak Tree Blvd.
Independence, OH 44131

GOT E2?

With E2, you can:

- Quote fast and accurate
- Schedule the shop floor realistically
- Manage material effectively
- Track jobs instantly
- Ship on time, every time
- Increase profit margins by weeding out those loser jobs...

Since 1984 the E2 Shop System has helped thousands of shops streamline their business and increase profit margins. Most people work hard but the key is working smarter through the use of the #1 shop management system on the market today.

Every day, over 20,000 shop people log into E2 to help manage their shop effectively. E2 equips you to see your shop like never before, and get the big picture on the best way to manage it. E2 creates efficiencies throughout your enterprise; streamlining business processes, empowering employees, increasing productivity and most importantly boosting profits.



A handwritten signature in black ink, reading 'Greg Ehemann'.

Greg Ehemann

*Co-Founder and one of the
E's of the E2 Shop System*



*See why E2 is the #1 most widely used shop management system on the market today.
Visit www.shoptech.com or call 800-525-2143 for a free information packet.*

The Authority on Shop Floor Control.



Shoptech is American owned and operated

shoptech
Software



Chairman's Corner

Grady Cope, NTMA Acting Chairman of the Board

Now is the time of year many of us begin thinking about leaving the snow and cold for a few weeks and traveling to warmer destinations. With those warm thoughts in mind, I would be remiss to not mention that our Annual Convention is coming up March 3-6, and it just happens to be in the very relaxing, warm, dry climate of Chandler, Arizona.

This conference is going to be special; it is the first time that four major American Manufacturing Trade Associations: AMT (Association for Manufacturing Technology), AMTDA (American Machine Tool Distributors' Association), PMA (Precision Metalforming Association) and NTMA (National Tooling and Machining Association) have collaborated on a single event. We have named the conference The MFG Meeting, where MFG is the acronym for Manufacturing For Growth. We expect more than 800 people will attend. The MFG Meeting's goal is to synergize our resources to restore manufacturing to its rightful place as an engine that drives the U.S. economy.

You can learn more about the conference and sign up by going to www.themfgmeeting.com. The conference is being held at the beautiful Sheraton Wild Horse Pass Resort and Spa in Chandler, AZ, www.wildhorsepassresort.com.

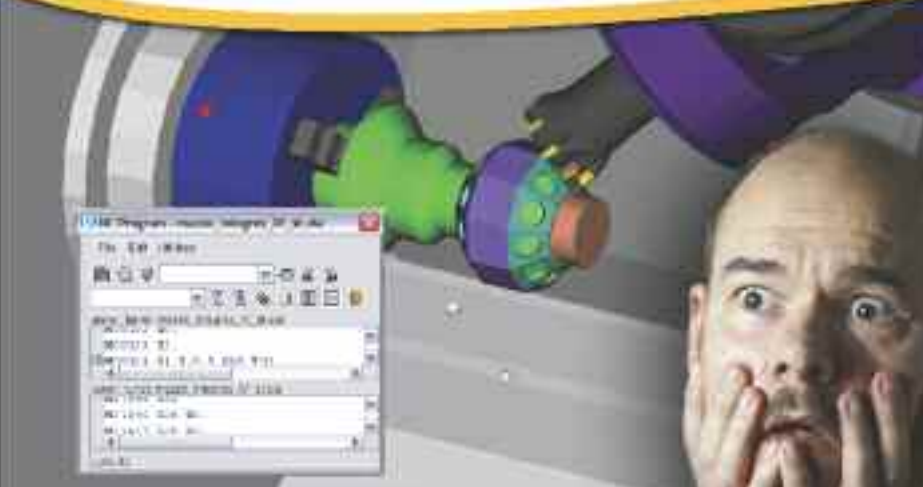
Many outsiders are viewing this conference as the focal point in the resurgence of American manufacturing. The American public, public officials, the media, and business leaders have started to realize just how important it is to have a strong manufacturing base in our


country. In a letter to the four groups acknowledging the significance of our industry gathering, U.S. Department of Commerce Secretary Gary Locke wrote: "Your four trade associations...are to be commended for recognizing that collab-

oration and cooperation among industry stakeholders are vital to the future of America's manufacturing sector."

The four Presidents of our Associations have recently made the following
(continued on page 4)

Afraid of Mill/Turn Machining?





VERICUT is the world's leading CNC simulation software - used in all industries with all CAD/CAM/PLM systems to simulate CNC code, whether programmed manually or post-processed from your CAM system.



Is the fear of a costly collision preventing you from getting the most from your mill/turn CNC machines?

VERICUT's virtual machining environment allows you to simulate and optimize the entire machining process. With VERICUT, you can:

- Prevent crashes
- Increase tool life
- Eliminate prove-outs
- Boost CNC efficiency
- Shorten cycle times
- Be more competitive

View the Updated Virtual Machining Gallery Today!

9900 Research Drive, Irvine, California 92618 • Phone: (949) 753-1050 • info@cgtech.com

comments to the media regarding The MFG Meeting.

"The MFG Meeting represents a unique opportunity to collaborate with manufacturing technology providers, builders, integrators and users," AMT President Douglas Woods said. "By combining the resources of our four premier manufacturing associations, the MFG Meeting will have exceptional program content and networking opportunities."

AMTDA President & CEO Peter Borden said, "The MFG meeting represents a sea change for the industry. The collaboration involved with this meeting coincides with the shift in the industry itself towards a greater emphasis on interconnectivity - from the manufacturer to sales distribution to customer - making [it] an ideal forum for industry professionals to discuss common issues."

"To have four great associations collectively coming together to support manufacturing and promote its awareness shows the positive effects of collaborating around a common goal... This event is the first step to promote manufacturing awareness and educate our country on its importance to America's economic infrastructure," NTMA President Dave Tilstone said.

"This new collaboration among the major industry associations represents a milestone in strengthening business relationships within the supply chain of the metalworking and forming industries," said PMA President Bill Gaskin. "By joining together for the MFG Meeting, members of these associations can develop new opportunities to work together to assure a strong manufacturing base in North America."

I hope most of you reading this have already registered and for those of you that haven't, I have to ask, why not? If you want to grow your business, learn about new technologies, network with some of the smartest people in our industry, and relax in the warm March desert sun, you should be registering now!

Please join me in Chandler, Arizona as we reignite the manufacturing flame in America.



Grady Cope
Acting Chairman



NTMA Executive Team

Grady Cope
Acting Chairman
Reata Engineering & Machine Works
Englewood, Colo.

Roger Atkins
Vice Chairman
MIC Group
Brenham, Texas

Theodore O. Toth, Jr.
Secretary
Toth Technologies
Pennsauken, NJ

Robert Mosey
Treasurer
Mosey's Production Machinists Inc.
Anaheim, Calif.

Ron Overton
Past Chairman of the Board
Overton Industries
Mooresville, Ind.

Operations & Editorial

Dave Tilstone
President

Emily Lipovan
Managing Editor

National Tooling &
Machining Association
6363 Oak Tree Blvd.
Independence, OH 44131
1-800-248-6862
www.ntma.org

Advertising Inquiries

For advertising information on the Record, or for information on publishing your corporate newsletter or sales literature, contact MSI at 216-901-8800, ext. 108 or elipovan@msi-groups.com

© Copyright 2011 NTMA



OIL MIST & SMOKE IN YOUR SHOP?

www.mistcollectors.com
Tel: 1-800-645-4174

NCDMM Elects Directors Class of 2013

The National Center for Defense Manufacturing and Machining (NCDMM) is pleased to announce that Mr. Jeffrey S. Kelly, Mr. Edward A. Morris, and Mr. John R. Tucker have been elected to the Directors Class of 2013 for a three-year term. The Board also elected Dr. Dean L. Bartles as Chairman.

Mr. Jeffrey S. Kelly, CEO of Hamill Manufacturing Company, has been a Director on the Board since 2008 and his company has been an NCDMM Alliance Partner since 2003. Mr. Kelly's background as CEO of a small precision machining and fabricating company provides the Center with insight into the manufacturing needs of small shops. Currently, Hamill Manufacturing serves the Naval Nuclear Propulsion Program and other defense related companies,



the glass mold industry, the power generation industry, the aerospace industry, and other industries requiring high degrees of precision and quality.

Mr. Edward A. Morris, Director, Mechanical Engineering and Manufacturing, Corporate Engineering and Technology for Lockheed Martin Corporation, has extensive manufacturing experience working with large defense contractors, as well as a sound understanding of hardware design and awareness of government and industrial programs in support of manufacturing. Mr. Morris is also the Chairman of the

NDIA Manufacturing Division which facilitates interaction between government, academia and industry to support our national defense. Mr. Morris has been a Director on the NCDMM Board since 2008.

Additionally, Mr. John R. Tucker will be serving his first term as a Director. Mr. Tucker is Vice President and President, Business Groups for Kennametal Inc. Previously, Mr. Tucker served as Kennametal's Vice President and Chief Technical Officer. Before joining Kennametal, he was Chairman and CEO of Sermatech International and has served in key leadership positions in such companies as Westinghouse Electric Corporation, Daimler Benz Aerospace,

AlliedSignal Aerospace, and York International Corporation. Mr. Tucker brings a wealth of corporate leadership experience to the NCDMM, which will be an asset in shaping future NCDMM business strategies and policies. Kennametal Inc. was instrumental in the creation of the NCDMM and is a valuable Alliance Partner.

The Board also elected Dr. Dean L. Bartles as Chairman of the Board. Dr. Bartles is Vice President and General Manager, Large Caliber Ammunition for General Dynamics - Ordnance and Tactical Systems Division and has served on the Board for one year. Dr. Bartles has a proven track record of defense manufac-

(continued on page 6)

Helping manufacturers produce results.

A Right-From-The-Start™ ERP success story.

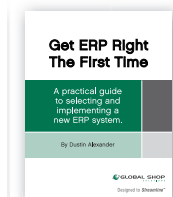
"The busier we got, the more we needed a powerful ERP system up and running. Out here, there's no time for down time."

Andy Bubulka,
Manufacturing Plant Manager
H-J Enterprises, St. Louis, MO



"That's why we went with Global Shop Solutions. They were in, they were out, and we were seeing major new efficiencies—right from the start. What a tremendous difference their ERP system, and their people, made in accelerating our workflow, lowering overall costs, and setting the stage for unconstrained growth. Very powerful. Only regret is that we didn't go with them years ago."

For a **FREE** copy of *"Get ERP Right The First Time™"* call 1-800-364-5958 or visit www.GlobalShopSolutions.com.



Designed to *Streamline™*

GLOBAL SHOP
SOLUTIONS

©2011, Global Shop Solutions, Inc.

(continued from page 5)

turing, primarily in the munitions field, working for Fairchild Republic Company, followed by General Defense, Olin Corporation, Primex Technologies, and eventually General Dynamics through subsequent acquisitions. He has served in both a domestic and international program capacity, with emphasis on tank ammunition, artillery ammunition, mortar ammunition, mortar weapons, and small specialty vehicles.

About the NCDMM

The NCDMM delivers optimized manufacturing solutions that enhance the quality, affordability, maintainability, and rapid deployment of existing and yet-to-be developed defense systems. This is accomplished through collaboration with government, industrial, and academic organizations to promote the implementation of best practices to key stakeholders through the development and delivery of disciplined training, advanced technologies, and methodologies. For additional information, visit the NCDMM at <http://www.ncdmm.org>.

NTMA



Growing Manufacturing

Dave Tilstone, NTMA President

Now that the New Year is well underway and we are settling into 2011, we continue to see the manufacturing sector filled with good news, but still riddled with uncertainty for the long run.

Sound familiar?

So far this is starting to feel similar to 2010; dictating that all of us in manufacturing must change and adapt to continue to grow. Since my letter to each of you, I have attended several chapter meetings, met many members, and toured several shops. The common themes throughout my travels have been "change" and ways to "grow your business." Many of our members experienced growth in 2010 however it tended to be sporadic and difficult to forecast.

There isn't a silver bullet that will remedy the challenges we face in an uncertain market, but there are ways to gain insight on best practices, new business models, new technology, and most importantly new opportunities. Wouldn't it be fantastic to go to one place and gain the insight and discuss how to grow your business?

Well, this is your personal invitation to attend the MFG (Manufacturing For Growth) Conference being held in Chandler, Arizona between March 3rd and 6th. Our NTMA Annual meeting will be held during this time at the beautiful Sheraton Wild Horse Pass Resort along with members from the Association of Manufacturing Technology (AMT), American Machine Tool Distributors Association (AMTDA) and the Precision Metalforming Association (PMA). With an expected 800 attendees and world class speakers, this conference is dedicated to providing you the best ideas, forums and networking opportunities. The meeting will bring together business owners and key executives from around the country for a 4-day series of informational and interactive events. I promise that you won't be disappointed.

If you have already registered and made the investment in your company, you are on your way to learning new ways to grow your business. If you haven't registered to attend or would like to know more about the conference, please go to www.themfgmeeting.com.

I look forward to seeing you there!

NTMA

PlanoMachine.com

AS9100 / API-Q1 / ISO 9001:2008

PRECISION CNC MACHINING

World Class Manufacturing since 1967

55 man shop with 1,050 years of machining experience

Let us quote your next project

See complete capabilities at www.planomachine.com

Email: joe@planomachine.com



Plano Machine & Instrument, Inc.
2720 S. I-35, Gainesville, Texas 76240
(60 miles north of Dallas at exit 494)

Phone: 940-665-2814

Fax: 940-665-5130

NTMA Raises Pro-Manufacturing Voice in 112th Congress

2010 Advocacy Successes Propel One Voice Efforts in 2011



The 112th Congress convened on January 5, 2011 when more than 90 newcomers (mostly Republican), fresh off midterm election victories, were sworn in as new Members. With the new Republican-controlled Congress and Democratic-controlled Senate, political battles over spending and the deficit are expected to dominate the first few months of the new session.

One Voice advocacy efforts were very successful in the last Congress as a result of the tireless work of many NTMA members. Now our work begins again. One Voice is already meeting with new Members of Congress to educate them about our issues. It is imperative that these new Senators and Representatives understand the critical roles One Voice members play in the U.S. economy.

One Voice is working with the new Congress on amending or repealing the most egregious sections of the health care bill that negatively impact One Voice members. One Voice began working with other small business groups immediately following the law's passage. In October, we mobilized the One Voice membership to contact their Senators to repeal the health care bill's onerous IRS 1099 reporting requirement for all business transactions over \$600 annually. As a result, Members of Congress and the Obama Administration have committed to repealing this provision. In addition, One Voice will continue to work with Members of Congress who have asked for input as they target specific parts of the law.

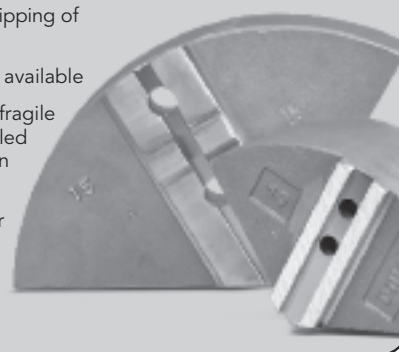
One Voice will also continue to educate lawmakers on the impact that ill-conceived regulations and rules interpretations have on tooling and metalworking manufacturers. Representatives from Ohio, Indiana, Wisconsin and other manufacturing states listened to our appeals and rejected the cap and trade bill last Congress. However, the Obama Administration is now seeking to circumvent the road blocks to legislation by increasing regulations without Congressional oversight. To combat this tactic, One Voice is working directly with the Environmental Protection Agency (EPA), the Office of Management and Budget (OMB) and others to prevent the implementation of new regulations that would disproportionately impact small businesses.

In January, One Voice received a request from Rep. Darrell Issa (R-CA), the Chairman of the House Oversight and Government Reform Committee, to provide the committee with examples of existing and new regulations and rules interpretations that negatively impact metalworking manufacturers by reducing their global competitiveness and restricting abilities to hire employees and invest in facilities. NTMA, along with the Precision Metalforming Association (PMA) and the Precision Machines Products Association (PMPA) submitted examples such as the proposed Occupational Health and Safety Administration (OSHA) Noise Compliance Policy, the potential EPA Toxic Release Inventory (TRI) Exemption Rule, the proposed EPA Metalworking Financial Responsibility Requirements Rule, and the current

(continued on page 8)

Full Grip Jaws

- **Available in aluminum** – diameter size range from 6-inch to 36-inch
- **Jaw heights range:** 2-inch, 4-inch, and 6-inch
- Close tolerances and concentricity easily maintained
- Allows for complete gripping of the work piece
- Special oversized jaws available
- Excellent for gripping fragile works such as thin-walled parts without distortion
- Machine and tool life extended due to lighter weight jaws, reducing mechanical stress
- **Made in the USA**



ISO 9000 Certified QMS

DillonManufacturing, Inc.

2115 Progress Drive | Springfield, Ohio 45505 | www.dillonmfg.com

Phone: 1-800-428-1133 | Fax: 1-800-634-6480 | Email: sales4@dillonmfg.com

OSHA Lockout Procedure Guidance.

We want to build on our 2010 successes this year, and, as always, our voice will be loudest with the participation of NTMA members. We need your help. Get involved by contacting your Member of Congress or by responding to One Voice Action Alerts through the One Voice website, www.metalworkingadvocate.org. Finally, meet your elected Representative and/or their staff personally. Register for the One Voice Legislative Conference in Washington, DC on April 5-6, 2011. The program will include presentations by policymakers, political analysts and experts followed by a full day of meetings with Members of Congress and staff. More information can be found on the NTMA website.

As a reminder, members can give unlimited corporate or individual contributions to the NTMA Government Affairs Administrative Fund which supports the work done on behalf of NTMA by lobbyists at The Franklin Partnership and public affairs practitioners at Bracewell & Giuliani LLP. Additionally, NTMA members can make limited personal donations to the Committee for a Sound Economy (CFASE) PAC which supports pro-manufacturing Congressional candidates. **NTMA**

*Do you use
QuickBooks
or Peachtree?*



REALTRAC the industry winner in
real-time job shop management software,
integrates with both!

With it's unique real-time scheduling, bar code tracking, estimating and job costing, you know up-to-the second, the status of your jobs, machines and employees. And with Realtrac's easy to use purchasing, inventory control, and bill of materials, it offers the winning combination in real-time job shop management.

FREE Product Guided Tour
1-800-331-8094
www.realtrac.com

In Memoriam

Ernest E. Cormier, Sr. **NTMA Past Service Member** **Hope Valley, RI**

Ernest Cormier, Sr. (74) of Hope Valley, RI died on Monday, December 06, 2010 at home surrounded by his family.

Ernie was a 1960 graduate of Brown & Sharpe's Journeyman Machinist Apprenticeship. He held various positions in the machining industry before starting Hole Patterns Co. with a partner in the 1960's, the first job shop in New England with Numerical Controlled (NC) equipment. He later sold his interest. In 1973 he started Precision Machining Co., Inc. with his wife, Carol, as his partner, manufacturing critical parts for the defense industry.

Ernie co-founded the RI Southeast MA Chapter of the National Tooling & Machining Association; he was the Chapter President for 3 years and on the Board of Managers. He also co-founded the MechTech Program, a four year apprenticeship program in various member companies combined with CCRI classes; graduates received a RI Journeyman's Certificate and an Associate's Degree in Machine Technology. The MechTech program has since spread to other states. After selling his company in 1988, Ernie and Carol owned Stone Lea Bed & Breakfast in Narragansett, RI. He also pursued his hobby of collecting classic and antique cars.

The Ernest E. Cormier Scholarship Fund has been established to assist students enrolled in the Machine Tool Technology program at the Community College of RI. Donations can be made at any Citizens Bank, account number 2264 504 7, or mailed to: Ernest Cormier Scholarship Fund, P.O. Box 1042, Hope Valley, RI 02832. **NTMA**

Welcome New Members

Precision Shapes Inc.

Titusville, FL

Susan Palma

Doosan Machine Tools

West Caldwell, NJ

John Ross

Congress Extends the R&D Tax Credit

Manufacturing and technology companies in the U.S. will continue to benefit from the Federal Research and Development (R&D) Tax Credit. The Tax Extenders Package signed by President Obama on December 17th, 2010 calls for a two year extension, retroactive to 1/1/10 and through 12/31/11.

This extension of the R&D Tax Credit, along with passage of the Small Business Jobs Act of 2010, is going to create an incredible opportunity for more individuals to benefit from the R&D Tax Credit in 2010. In particular, the Act

allows for general business credits such as the R&D Tax Credit to be applied against the Alternative Minimum Tax (AMT) in 2010. In the past, many S-corporation and Partnership shareholders have been prevented from immediately using the R&D Tax Credits that they could generate because of the AMT. That changes in 2010!

The definition of Research and Development (R&D) is much broader than people realize. Activities and costs associated with developing and/or improving a product or process can potentially



generate R&D Tax Credits. Manufacturers of all kinds, including those that design and develop their own products, as well as those companies (i.e. metal stampers and fabricators, precision machiners, mold builders and plastic injection molders) that make parts for their larger OEM customers, often do not know or believe that they are doing R&D. In addition, there can be significant R&D going on in software development and technology companies.

To learn more about Black Line Group or the R&D Tax Credit, contact Scott Schmidt at 763-550-0111, via email at scott@blacklinegrp.com or visit our website at www.blacklinegrp.com

NTMA

Southern Manufacturing Technologies, Inc., Earned OSHA's SHARP Award



Congratulations to Southern Manufacturing Technologies, Inc.'s receipt of the Occupational Safety and Health Administration's (OSHA) prestigious Safety and Health Achievement Recognition Program (SHARP) award. The company's 100 employees were in attendance at a ceremony on December 16, 2010 recognizing this significant accomplishment.

This award given by OSHA recognizes small businesses with exemplary safety and health management systems. Currently, 65 companies in the state of Florida are SHARP certified. Southern Manufacturing Technologies is a member of AIA, BAMA, NTMA and FFCA. SMT is an AS9100 machine shop serving the American aerospace market place for over 27 years.

NTMA Customer Value Proposition

"Your membership in the National Tooling & Machining Association will position your company amongst the best in the industry by providing the resources and tools necessary for world class performance."

"Your return on investment is immediate as you leverage the vast knowledge that resides within the Association and apply it to your business."

"An advocate for our industry, NTMA leads the charge for precision manufacturing through networking, lobbying, education, procurement, advice and assistance, and focused cost savings programs."

Yarde Metals Announces Expansion with Addition of Livonia, Michigan Facility

Yarde Metals, Inc announced its latest expansion with the October opening of a 14,400 sq ft transfer facility located in Livonia, Michigan. "The addition of this facility enables us to offer local daily delivery to the Michigan area and the potential for future growth to the north," stated Jay Gawitt, Director of Mid-West Sales for Yarde Metals. "We're investing in the future."

About Yarde Metals

Yarde Metals, a metals service center, is headquartered in Southington, CT with 17 branch locations throughout the Northeast, Mid-Atlantic, Mid-West and Southern United States. The company's international division is located in Connecticut. Yarde Metals stocks and offers processing of aluminum, stainless, carbon steel and brass products and is ISO:9001 and AS:9100 certified.



Metal Finishing

- Plating
- Anodizing
- Electropolish
- Conversion Coatings
- Vacuum Impregnation
- Dry Film Lubrication
- Black Coatings



- Aerospace
- Defense
- Medical
- Mass Transit
- Electronics
- Precision Machine



Member



www.anoplate.com • sales@anoplate.com • 315.471.6143

Yarde is a wholly-owned subsidiary of Reliance Steel & Aluminum Co. Reliance Steel & Aluminum Co., headquartered in Los Angeles, California, is the largest metals service center company in North America. Through a network of more than 200 locations in 38 states and Belgium, Canada, China, Malaysia, Mexico, Singapore, South Korea, and the United Kingdom, the Company provides value-added metals processing services and distributes a full line of over 100,000 metal products to more than 125,000 customers in a broad range of industries.

Reliance Steel & Aluminum Co.'s press releases and additional information are available on the Company's web site at www.rsac.com. The Company was named to the 2010 "Fortune 500" List, the 2009 Forbes "America's Best Managed Companies" List, the 2010 Fortune List of "The World's Most Admired Companies," and the 2009 Forbes "Platinum 400 List of America's Best Big Companies."

This release may contain forward-looking statements. Actual results and events may differ materially as a result of a variety of factors, many of which are outside of Reliance Steel & Aluminum Co.'s control. Risk factors and additional information are included in Reliance Steel & Aluminum Co.'s reports on file with the Securities and Exchange Commission, including Reliance Steel & Aluminum Co.'s Annual Report on Form 10-K for the year ended December 31, 2009 and Quarterly Report on Form 10-Q for the quarters ended March 31, 2010 and June 30, 2010, and September 30, 2010.

NTMA



P R E C I S I O N

Serving the needs of manufacturing companies for over 60 years.

Has moved to:

6363 Oak Tree Blvd.

Independence, OH 44131

Ph: 1-800-248-6862 • 216-901-8800

Fax: 216-901-9190

Visit the NTMA

Web site at

www.ntma.org

The NTMA makes Member Value Top Priority

Increasing member value is a priority from the NTMA. In order to assist our Chapters in their continued growth, the NTMA had decided that staff will focus our resources on a new initiative that will strive in ways to help our members in business, by helping to build a successful recruitment program for each Chapter through the National Robotics League and Workforce Development.

These initiatives include the launch of NTMA University, which will be accepting applications from the first 100 NTMA member apprentices that apply. Our objective is to launch the first NTMA University courses in the fall of 2011.

The NTMA University will focus our educational coursework on information that is derived from a gathering of national best practices in manufacturing, and the use of updated publications that reflect these "best manufacturing practice principals." These courses will be delivered to NTMA apprentices through a national E-Learning environment.

It is a well known fact that in the 21st century, online learning will constitute 50% of all learning and education. This increase of on-line courses will occur not just because it is more convenient, but because cognitive learning can be more effective on-line than learning in-person. Most hard copy manufacturing information that is available on text, is outdated before it is printed. As we move forward in the Information Age, the era of lifelong learning, E-Learning has been found to be a very effective alternative in a business environment where on-demand education fits the schedule of the employee and the company.

We know that 90% of all education is "information transfer," and knowledge from the skilled journeyman to the apprentices is a key component to our success. We also know that a journeyman's time is very valuable to us, and any time spent teaching an apprentice takes away from extremely valuable production time. Therefore by using our certified journeymen, we will continue with the mode of delivery that has been the most effective, most efficient, and most desirable way to learn.

Everyone is aware that online delivery saves time and travel costs, but by enrolling into NTMA University – you will enable a learning modality that can save your company more than 50% over traditional training methods.

The NTMA staff has been working on updating our publications with the assistance of the California NTMA Training Center. The project team of Michael Kerwin (NTMA Training



Center) and Ken McCreight (NTMA Vice President) have already begun updating the most popular textbooks for purchase and online use.

The NTMA is aware that from the moment members make the decision to train an apprentice, you are making a major investment with your time, and your company's resources. The NTMA University Education will offer your company apprentices the highest quality education, delivered by highly qualified, certified and experienced Machine Trades instructors. Our primary instructor will be Ken McCreight, who not only

(continued on page 13)



Thread Rolling Inc.
Roll Threading & Centerless Grinding

Threading & Grinding Services

Roll Threading

- Standard, Metric, Special

Roll Knurling

- Straight & Diamond

Centerless Grinding

- In-feed, Thru-feed
- Straight, Step & Form Grinding



**Aerospace
Military
Medical
Motorsports
Industrial & Commercial**



Send your parts to us!



Thread Rolling Inc.

34 Cedar St, East Hartford, CT 06108 USA
P: 860.528.1515 • F: 860.289.2961
www.threadrolling.com
sales@threadrolling.com



To our Precision Manufacturing Leaders,

In today's challenging economic climate it's more important than ever to focus on recruiting and developing our next generation of skilled workers to ensure the success and vitality of our industry, and the National Robotics League relies on the generous spirit of individuals, businesses, and foundations committed toward this common goal.



Thanks to donations from people just like you, the National Robotics League is making a difference every day. Your donations make it possible for NRL to educate students, teachers, and parents of the importance of manufacturing and excellent career opportunities it offers.

This is done by establishing a fun, educational, and rewarding programs that partners students with manufacturers like you; enabling them to see first hand the high-tech world of precision manufacturing. This program also quickly identifies those students who possess the right mechanical aptitude, skills, and leadership qualities needed to drive the industry into the future; qualities that every manufacturer should aspire to recruit.

Please help support our efforts by giving to the National Robotics League? Your gift of \$100 or more can make a tremendous difference in the development and continued expansion of our program and ultimately the future success of our industry.

Thank you for all that you do for our industry and your continued support. If you have not seen this program in action, we would like to welcome you to join us at the 2011 NTMA Annual Convention where we will be demonstrating our program and can provide additional information on how to get involved and get a program started in your area.

PLEASE COMPLETE AND RETURN THE FORM BELOW



The National Robotics League is a program developed and administered by the National Tooling & Machining Association 501(c)(6) and the National Tooling & Machining Foundation 501(c)(3).

Contributions will be made to the National Tooling & Machining Foundation for the National Robotics League, and are deductible to the extent permitted by law.

If you would like additional information, please call Rob Akers, Chief Operating Officer at (800) 248-6862.

Thank you for supporting the National Robotics League.

Yes! I would like to help make a difference with my gift of:

- ☐ \$500 ☐ \$250 ☐ \$100 ☐ _____
- ☐ I will pledge to repeat my gift for the next _____ years
- ☐ I would like my gift to remain anonymous
- ☐ I would like to be a sponsor/mentor of a local NRL Team

Business/Individual Name: _____

Billing Address: _____

Email Address: _____

Phone Number: _____

National Robotics League

6363 Oak Tree Blvd.

Independence, OH

Fax: 216-901-9190

(continued from page 11)

served his apprenticeship at Fredon Corporation, but went on to become a Tool & Die shop owner, and then spent twenty years in as a college professor teaching machine trades apprenticeship and was also a Dean at a college in central Ohio.

As your employees redefine the way that they spend their time on a daily basis, we understand that when they look at their schedule and try to literally squeeze everything in, that all too often classes, work, and family obligations overlap.

For further information or to enroll and reserve a spot for an apprentice, please feel free to contact Ken McCreight at (301) 281-8008 or (216) 402-3912. Please also look for regular updates in future Record editions.

NTMA

In Memoriam

Harley Hazzard

President/Owner

W & H Machine Co. • Broomfield, CO

NTMA Member since 1994

Harley "Hap" Hazzard born on December 14th, 1936 to Raymond E. Hazzard and Alice E. Osborn in Miller, NE, passed away on January 1, 2011. Hap attended Miller High School and Lincoln High School. He served in the Air Force from 1954-1957 and became a private pilot in 1966. He joined Life-Line Pilots in 2007 flying mercy missions, where the pilots are considered 'Angels with Wings'. He loved his family, and was an avid fan of golf, flying and sports.

He is survived by his loving Wife Marlyn M. Whitesel, whom he married on June 5, 1955 in Miller, NE. He is also survived by his son Brad and wife Pam of Broomfield, CO, grandchildren Jaime (Brian Sherry), Justin and Jackie, son Kelly and wife Denise of Fort Collins, CO, grandchildren Nick and Katie, son Brett and wife Lee Anne of Lafayette, CO, grandchildren Brynne, Morgan, brother Walter Hazzard and wife Geri of Kearney, NE, brother Raymond Hazzard of Miller, NE, sister Hazel Strickler of Platteville, NE, sister-in-law Arleen Hazzard of Fort Collins, CO. He is preceded in death by his parents, brother Bernard Hazzard, sisters Ruth Wells, Lois Peters, and Roselyn Hazzard.

A visitation was held on Wednesday, January 5 from 6-8pm at Rundus Funeral Home in Broomfield, Colorado. Services were held on Thursday at 10:00 am at Rundus Funeral Home. Contributions can be made to Lifeline Pilots at 6100 W. Dirksen Pkwy, Suite 302, Peoria, IL 61607 or the Food Bank of the Rockies.

NTMA

ONE PLACE. | ONE AGENDA. | ONE VOICE.

Save the Date!

NTMA/PMA One Voice Legislative Conference

April 5-6, 2011



With the arrival in Washington of a new Congress, we have an opportunity to achieve legislative successes this year that will directly impact your business. Political analysts believe this Congress will be more business-friendly, but no Member of Congress is going to take on our issues unless they hear from us. This is why your participation in the upcoming One Voice Legislative Conference is so important!

The conference will feature Washington experts and insiders who will shine a light on the new political landscape and the key issues that impact the metalworking industry. There will also be a networking reception and a full day of visiting Congress—your opportunity to discuss the issues that matter most to you and your company directly with those who hold power in Washington.

**Visit
www.metalworkingadvocate.org
for complete conference details
and registration information.**

Calendar of Events

NTMA 2011 Annual Convention

The MFG Meeting in conjunction with AMT, AMTDA and PMA
Sheraton Wild Horse Pass Resort
Chandler, Ariz.
March 3-6, 2011

NTMA/PMA Legislative Conference

Washington, D.C.
April 5-6, 2011

NTMA 2011 Fall Conference

The Broadmoor
Colorado Springs, Colo.
October 13-16, 2011

NTMA-PMA Contract Manufacturing Purchasing Fair

InterContinental Chicago
O'Hare
September 7, 2011

www.NTMA.org



Save the Date March 3-6, 2011

Sheraton Wild Horse Pass, Chandler, AZ

You Can't Miss This Meeting...

The MFG Meeting (Manufacturing For Growth) brings together business owners and C-Level executives from around the country for a 4-day forum on how we can synergize our resources to restore manufacturing to its rightful place as an engine that drives the U.S economy.

Jointly produced by four major industry trade groups, this ground-breaking event tackles the issues that affect the entire realm of manufacturing and facilitates a conversation that can't be found at any event presented from a single sector's perspective.

Three Reasons to Attend:

- The MFG Meeting is the only event that brings together builders, distributors and users from throughout the manufacturing technology industry in an interactive session
- Learn at dynamic General Sessions
- Share experiences and discuss opportunities

The MFG Meeting is brought to you by:



www.pma.org www.ntma.org www.amtonline.org www.amtda.org

www.themfgmeeting.com



Investing in



Dear NTMA Member,

On behalf of the National Tooling and Machining Association (NTMA), we want to first sincerely thank everyone that supported the association throughout the years. Second, we would like to ask for your support again this year for our Government Affairs Administrative Fund (GAAF) and our Educational Foundation (NTMF).

As you are aware, your Association works diligently on your behalf to support issues vital to our industry: Political Advocacy and Workforce Development. Contributions from members like you make it possible to continue to advance these issues and develop strategies to further our mission and vision.

Please use the form below to make a contribution to one or both of these strategic areas of focus. A small contribution from each of our members will go a long way to supporting our efforts and provide the resources necessary to continue our resurgence of manufacturing.

- ☐ **NTMA'S GOVERNMENT AFFAIRS ADMINISTRATIVE FUND (GAAF)** allows the association to undertake initiatives aimed at educating elected officials on tooling and machining and the industry's priority issues. It also permits us to support a variety of activities to inform and mobilize our members, as well as to protect and promote the industry with key lawmakers. Corporate OR personal funds can be donated to GAAF. Important Information for Contributors: Donations to the GAAF are not deductible as a charitable contribution, but may be deductible as an ordinary and necessary business expense.
- ☐ **NATIONAL TOOLING AND MACHINING FOUNDATION (NTMF)** NTMF directly supports our precision custom manufacturing industry through training and education. This will allow those who are interested, to receive proper, high-skill and standardized training, which is great for all concerned. Important Information for Contributors: Your gift is tax deductible to the fullest extent allowed by law.

Name _____ Company _____

Address _____ City/State/Zip _____

Phone _____ E-mail _____

Contribution Amount: ☐ \$25 ☐ \$50 ☐ \$100 ☐ \$250 ☐ \$500 ☐ \$1000 ☐ Other \$ _____

Payment Method: ☐ Check Enclosed (Payable to GAAF and/or NTMF)

☐ Master Card ☐ VISA ☐ American Express

Account # _____ Exp. Date _____

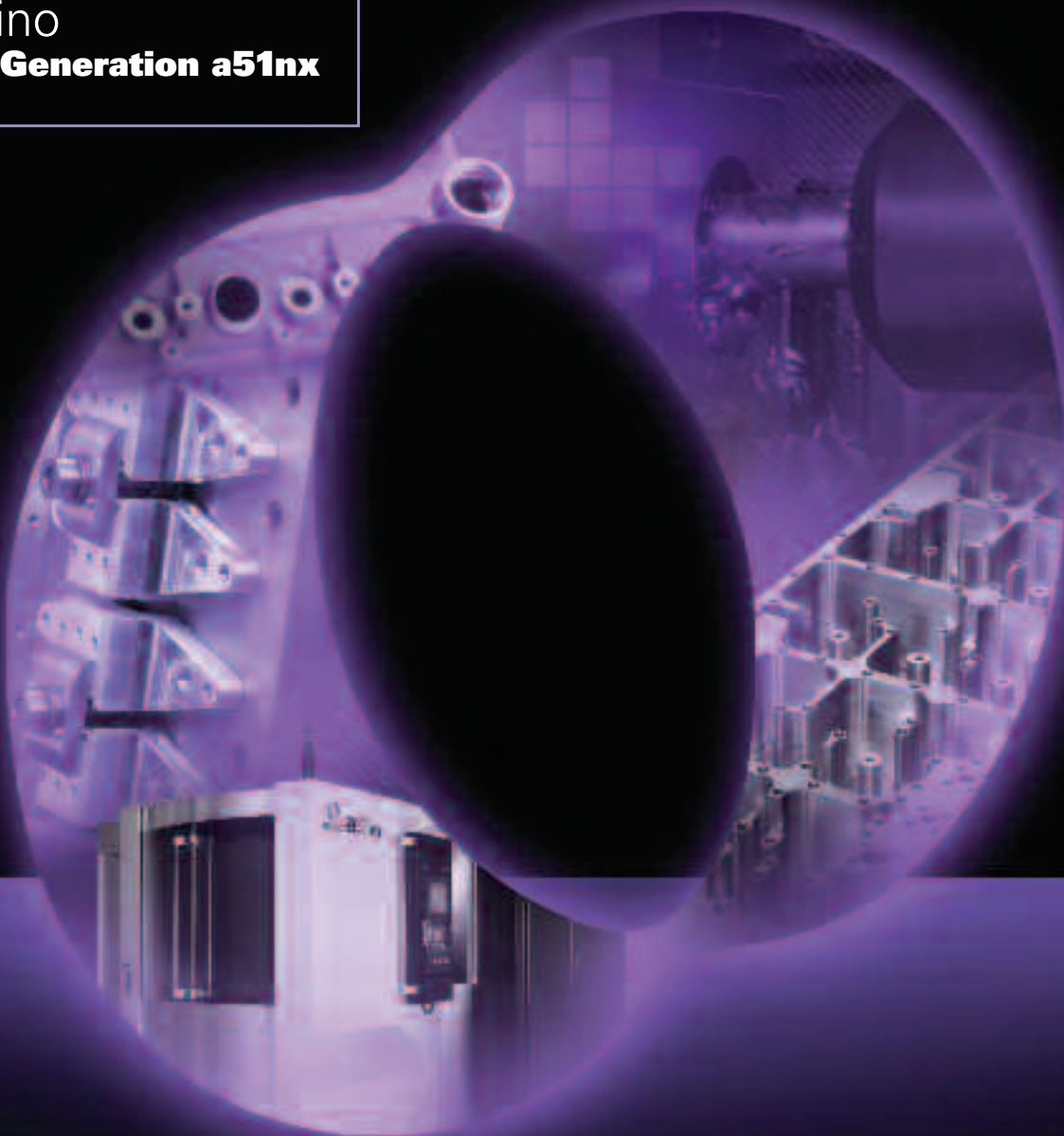
Name on Card _____

Signature _____ Date _____

**Please send a separate payment and form for each, if contributing to both strategic areas of focus.
Mail or fax your contribution to: NTMA, 6363 Oak Tree Blvd, Independence, OH 44131/ Fax 216-901-9190**

Makino

Next-Generation a51nx



Introducing the a51nx. It's a one-machine expansion program.

It expands the cutting envelope by 14%, boosts spindle torque 19%, improves rigidity for higher metal-removal rates and reduced vibration. The a51nx crushes non-cut time with linear axis acceleration of 1G and 90-degree table indexes of less than a second. The reliability of the a51nx expands on the industry-leading performance of Makino's 1-Series. Most of all, the a51nx enables you to expand your ability to make lower-cost parts faster. See how at makino.com/a51nx.

