

The Best View

The Texas Glass Association/
North Texas Division

www.tgantd.com

November 2005



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BOARD RETREAT:

Tentatively set for
January 10, 2006

At 3:30 p.m.

Paul's Porterhouse
10960 Composite Drive in
Dallas
214-357-0279

The TGA/NTD Board of Directors will hold their annual retreat on January 10, 2006 at 3:30 p.m. This is immediately before the regularly scheduled Board Meeting and Membership Program.

Look for additional information in future newsletters!

On
the
cover

Cash America

General Contractor: Hensel Phelps
Architect: Carter and Burgess
Picture Courtesy of www.haleygreer.com

Calling all Members:

If you're interested in being a part of one of our committees, please contact the current chairman (you will find a listing at www.tgantd.com) or one of the Executive Board Members and they will pass along your information to the appropriate person.

We have many excellent opportunities to participate:

Program Committee
Membership Committee
Fishing Tournament Committee
Golf Tournament Committee
Reservation Committee
Casino Night Committee
Gift of Glass Committee
Christmas Party Committee

And More!

December Board and Membership Meeting.....is replaced this month by the TGA/NTD Christmas Party benefiting Santa's Helpers. Please see next month's newsletter for pictures and details on the party and generous contributions from the warm hearts of our caring members!

Letter from the President

FINAL PRESIDENTIAL MUSINGS

I MUST ADMIT THAT I HAVE HAD MIXED EMOTIONS THIS YEAR OVER MANY THINGS, NOT THE LEAST OF WHICH WAS THE TENURE OF MY PRESIDENCY. ALL IN ALL, IT WAS WITHOUT QUESTION ONE OF THE BEST DECISIONS I EVER MADE TAKING ON THIS ROLE SHORTLY AFTER MY FAMILY'S PERSONAL LOSS. "ONE DOOR CLOSES, ANOTHER OPENS", MY DAD WOULD SAY. AND THIS OPPORTUNITY HELPED ME TO REFOCUS ON SOME OF THE IMPORTANT ISSUES AT HAND.

AS I STUMBLED THROUGH THE LAST TWELVE MONTHS, IT HAD BECOME VERY EVIDENT TO ME, THAT THE ROLL OF THE PRESIDENT WAS TO TRY TO KEEP OUR GROUP FOCUSED ON THE TASKS AT HAND, SUCH AS THE ANNUAL FISHING TOURNAMENT, GOLF TOURNAMENT, CASINO NIGHT, GIFT OF GLASS AND CHRISTMAS PARTY, TO NAME BUT A FEW ACTIVITIES WE SPONSORED THIS YEAR. THE CHAIRPEOPLE OF THESE COMMITTEES AS WELL AS THEIR COMMITTEE MEMBERS WORKED TIRELESSLY MAKING THESE THE BEST EVENTS EVER. LOOKING BACK, THESE PEOPLE DID NOT NEED ANY HELP FROM ME....THEY WERE FOCUSED AND MET THEIR CHALLENGES HEAD ON. I APPLAUD THEIR EFFORTS. I WILL NOT NAME THEIR NAMES IN THIS LETTER...THEY WILL KNOW WHO THEY ARE....THEY WERE THE ONES WHO PICKED ME UP AND KEPT ME FOCUSED.

PLEASE DO YOUR PART IN HELPING THE MEN AND WOMEN OF YOUR NEW BOARD OF DIRECTORS FOR 2006 AS WELL AS THE NEW INCOMING PRESIDENT MR. CHARLES RISINGER. REMEMBER, IF YOU HAVE AN IDEA THAT YOU THINK WOULD HELP OUR ORGANIZATION, PLEASE BRING IT BEFORE THE BOARD. NEW PEOPLE MEAN NEW IDEAS....AND AT THE TGA/NTD, WE NEED THESE NEW IDEAS TO KEEP MOVING FORWARD.

I WANT TO SAY A PERSONAL "THANK YOU" TO ALL THE MEMBERS OF THE BOARD AS WELL AS THE GENERAL MEMBERSHIP FOR ALL YOUR HELP AND SUPPORT THIS YEAR.

HAPPY HOLIDAYS,
DANNY R. GOODE

Texas Glass Association/North Texas Division Retiring Directors

Rick Churchill	B & B Glass	(R)	12-31-05
Jeff Lockenhour	Trainor Glass	(R)	12-31-05
Don Moore	SSI Dallas	(A)	12-31-05
Charles Risinger	Country Glass & Mirror	(R)	12-31-05
Elaine Tschirgi	SEVASA USA	(A)	12-31-05
Jeff Benson	Haley-Greer	(R)	12-31-05
Eric Cates	Alecom Metal Works	(A)	12-31-05

Thank you Ms. Tschirgi and Gentlemen for the devotion of your time and efforts to our association. Your role was and is crucial to keeping our organization on the track of promoting professionalism and profitability in our industry.

Be sure to let me know by e-mailing me at editor@tgantd.com, if you want to be added to our E-VITE list for personal invitations to all TGA/NTD events!

Economic Experts at Reed's Building Team Summit Forecast a Positive Outlook for U.S. Commercial Construction Industry

in 2006-2007 ATLANTA, GA (November 10, 2005) - U.S. construction will continue to grow at a steady 3-3.5% during 2006, according to the industry analysts and economists who gathered to present their forecasts for the next year and beyond at Reed Construction Data's® BuildingTeam Summit held at the Willard Intercontinental Hotel on October 27 and 28, 2005 in Washington D.C.

Six experts and two panels of industry leaders cited American innovation as a key component in achieving sustained growth in a message delivered to more than 185 construction professionals during the two-day conference. Experts emphasized innovation in the areas of architectural design, capital investment and business practices as the critical elements necessary for the construction industry to exceed the economic gains projected for the U.S. economy as a whole.

Their consensus is 2006 will continue the economic recovery seen in 2005, despite higher inflation driven by rising fuel costs. It was forecasted that the next two years will see a strengthening economy, accompanied by positive growth for several sectors of the building industry including commercial, public and other nonresidential construction markets.

"The Reed Construction Data BuildingTeam Summit is an exceptional event that provides a comprehensive outlook on the design and economic trends shaping the year ahead for architecture and construction," said Jim Cramer, moderator for BuildingTeam Summit and president/CEO of Greenway Group, Inc. "It's an opportunity for experts and industry leaders to share their insight with the people who will benefit the most - the members of the architecture, engineering and construction community. For them the conference is the essential economic and business planning tool for the upcoming year."

"As an attendee of the conference for the last seven years, I found the BuildingTeam Summit very compelling this year, especially the message delivered by Lou Dobbs. The conference was an excellent forum for economic, construction market and trend information. It was comprehensive with first class economic speakers and a panel of professionals from the construction industry that shared wonderful innovative and proactive ideas for the construction industry," stated Rita Thompson, Manger Government Relations, Clark Construction Group, LLC.

"Reed's BuildingTeam Summit is an industry leading forum. The dual focus on the economy and innovation in our industry was outstanding and engaged superb, knowledgeable speakers who very effectively conveyed their important message," said Gordon Mills, FAIA, Chairman and Chief Executive Officer, Durrant Group.

Thom Mayne, world-renowned architect and **2005 Laureate of the Pritzker Architecture Prize**, shared his vision of the future of architecture in America and abroad during his address, *The Future of Building Design*, to attendees during the pre-conference dinner. According to Mayne, leading the global architectural community will require greater innovation on the part of American designers and builders in terms of both design and materials used.

Keynote speaker **Lou Dobbs**, anchor of **CNN's Lou Dobbs Tonight**, delivered a message covering the U.S. economic outlook for 2006. Dobbs projects steady economic growth of 3-3.5% for the coming year in spite of a rising national trade deficit, which will increase for its 29th consecutive year, and the impact of rising inflation rates. Dobbs cautioned against the increasing trend of outsourcing jobs abroad, citing the practice of cutting costs with cheap labor as a "race to the bottom" that stunts innovation and will ultimately cause damage to the U.S. economy in the long run. Dobbs also addressed the current rush to invest American capital abroad, in nations such as China, instead of at home, suggesting that business leaders in the U.S. should question the wisdom of turning over our emerging technology to the fastest emerging economy in the world today.

Clayton Christensen, Ph.D., professor, **Harvard Business School**, addressed innovation in the industry explaining that innovation in business is not as intrinsically random or risky as historically believed. Christensen's message stresses that if decision makers incorporate solid business theories on how business works, when building business plans, they can achieve greater success, with greater frequency. He also discussed models of innovation that are both disruptive and helpful to businesses and how they can learn to identify opportunities to improve products and services in meaningful ways.

Jim Haughey, Ph.D., Director of Economics - **Reed Business Information**, presented information on the 2006-2007 U.S. construction outlook for residential, commercial and heavy construction. According to Haughey, new residential construction has peaked and new housing starts are projected to slow to 1.8 million units moving into 2007. Spending on non-residential and heavy construction is projected to increase as federal highway funding becomes available and the cost of materials resumes rising. Growth in real construction activity will ebb to nearly the same level as the overall growth in the economy, but the nominal value of construction spending is expected to expand rapidly due to price of materials increases spurred on by a progression of inventory cycles in steel and lumber; a general rise in inflation as credit, oil and natural gas prices spill over into all products; and the impact of two Gulf hurricanes on materials demands.

Bret Wilkerson, CEO Property & Portfolio Research, addressed the outlook for the commercial real estate sector stating that commercial real estate is still doing well and the economy will continue to grow moving into 2006. Wilkerson cited four main factors driving capital to commercial real estate, worries over rising inflation; shifting demographics as Baby Boomers begin retiring and the need for office space decreases and sales of second homes increases; strong relative performance, and decent growth in rents. Wilkerson also reports that retail construction will experience the most growth in terms of construction and industrial space will experience growth in big boxes and warehouses.

IGMA Announces Acceptance of GasGlass for IGMA Certification Program

The Insulating Glass Manufacturers Alliance (IGMA) has announced that the GasGlass® instrument manufactured by Sparklike of Helsinki, Finland, will be accepted as a viable method for determining initial gas fill concentration for the IGMA Certification Program, effective immediately.

IGMA conducted the first data correlation study between gas fill measurements taken by the gas chromatograph method and the GasGlass device in 2002. The results of this study indicated that measurements taken with the GasGlass device were comparable to those taken with a gas chromatograph. Based on this research encompassing 200 gas-filled insulating glass units, the IGMA GasGlass Best Practices Working Group was formed in January 2003 to expand the initial correlation data. The working group developed standardized operating protocol for the device, which forms the foundation for the development of an ASTM standard (currently under development), developed a second round robin series of testing to establish correlation between different GasGlass devices and is presently working on a position paper for the GasGlass device.

Margaret Webb, IGMA executive director stated, "This device provides another methodology for approved certification testing laboratories to verify initial gas fill and is truly a non-destructive verification process unlike the gas chromatograph or the oxygen analyzer. This will remove the requirement for manufacturers to use septum plugs so that the units tested for initial gas fill can undergo cycling without compromising the insulating glass unit seal."

Webb also noted, that "IGMA is continuously researching new methods that will offer alternatives not just to certification but also to the insulating glass manufacturing process itself."

Adapted from www.usglassmag.com

AAMA Board Votes to End Consolidation Talks

The board of directors of the American Architectural Manufacturers Association (AAMA) has voted to suspend consolidation negotiations with the Window and Door Manufacturers Association (WDMA). The AAMA board also approved sending a letter addressed to the WDMA board outlining the reasons for the suspension of negotiations. The letter was prompted by the airing of serious concerns by the WDMA consolidation team at the meeting held in Chicago on September 27th, according to a news release from AAMA. AAMA says that these concerns re-opened compromises on several issues that had been reached earlier in the summer.

After the July 27th meeting in Chicago, the AAMA consolidation team and board were encouraged by the progress reached on several key issues: supplier voting, the role and composition of the board and the selection of the chief executive of the combined association. Since then, says AAMA, WDMA has sought to revisit these three compromises, and there have been major misunderstandings on the intent and scheduling of joint meetings planned for 2006, according to the release.

According to AAMA board chairperson John Brunett, "AAMA members expect the consolidation proposal to be presented at the spring meeting in late February. The negotiation process is well into its second year, and it will not be possible to present a proposal in the spring if these negotiation setbacks continue."

WDMA has said it has no comment at this time.

Adapted from www.usglassmag.com



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Most people who have heard of Ingersoll-Rand typically think of the company as a construction and mining machinery maker. That's understandable because, beginning with predecessor companies, Ingersoll-Rand has participated in the world's construction and mining industries since 1871. Now, however, that primary identification of Ingersoll-Rand overlooks the company's tremendous diversification.

Today's Ingersoll-Rand is a global innovation and solutions provider with powerful brands and leading positions within its markets. The company features a portfolio of worldwide businesses comprising an enviable roster of leading industrial and commercial brands, such as [Bobcat](#) compact equipment; [Club Car](#) golf cars; [Hussmann](#) stationary refrigeration equipment; [Ingersoll-Rand](#) industrial and construction equipment; [Schlage](#) locks and [Thermo King](#) transport temperature-control equipment.

For more information on Ingersoll-Rand and their services, go to their website at www.irco.com!

Wheels Keep a Rollin' A Look at Some of the Latest Machinery & Equipment Roll Outs

As part of the USGlass magazine 10th Annual Guide to New Equipment and Machinery, the next three pages offer a detailed look at some of the newest lines available. Suppliers are offering everything from bevellers and edgers to tempering ovens and laminating lines. For even more machinery offerings, be sure and check out the chart on page 54.

IGE Solutions Gets an "Edge"

Located in Jupiter, Fla., IGE Solutions (IGE) has a number of product lines available from several different manufacturers.

The company offers drilling, notching, edging and fabrication equipment from the Italian company Forvet. IGE says Forvet drilling machines can drill and notch thick glass lites, and can be programmed quickly for custom and out-of-square work. The drilling machines also feature dual-opposing spindles.

A variety of equipment lines for beveling, edging and drilling, as well as fabrication equipment, laminating machines and production lines are available from the Chinese company Fushan as well.

In addition, Golden Glass (also from China) tempering ovens are available. IGE says Golden Glass machines are ISO 9001 certified, and manufacturing lead times are half that of European competitors.

Mappi Celebrates Five Years of Business in the United States

This year marks the fifth year that Mappi, an Italian manufacturer of glass tempering machines, has operated in the United States. The company's first line was sold in 2000 in the United States to Mirror Mart Inc. of Logansville, Ga. The Mappi equipment line is distributed and sold in the United States by Besana-Lovati Inc. of Winston-Salem, N.C.

Mappi has since sold 18 tempering lines here, the two most recent, still in installation phases, were sold to New Angle Beveling of Hyde, Pa., and Chicago Tempered Glass in Chicago.

According to information provided by the company, Mappi has combined the economic aspect of production with technology advancements and environmental considerations. The company says its machines feature rapid lighting, an intelligent system of matrixes for heating room optimization, a direct current fan with automatic electronic speed regulation for controlling the use of air and reducing energy costs.

Mappi ovens also feature a Glaverbel-patented GHBS convection system that allows it to process low-E glass products. In addition, the ovens do not use SO₂ gas, which can be harmful to the environment and those operating the equipment.

Glassrobots: Bending, Tempering and Laminating

Glassrobots says it is prepared to meet the production needs of glass fabricators with its equipment lines for tempering, bending and laminating.

For temperers, Glassrobots offers the RoboTemp™, which combines the advantages of true convection furnaces and radiant furnaces. It can heat clear glass in 25 seconds per millimeter; soft-coated glass takes 10-20 percent longer.

The FuzzyTemp™ multi-convection, forced convection furnace is also available and is ideal for tempered value-added glass products, such as bronze silvered, coated solar and low-E.

Also available are several different bending furnaces, including single-, double- and multi-chamber furnaces in either semi-automatic or automatic versions.

A complete line of production equipment for flat laminated glass is also available. The equipment features flexible lines for both stock size and custom size production. Efficient convection heating allows fabricators to produce colored and reflective glass, as well.

Salem Distributing: Drilling Away

Salem Distributing of Winston-Salem, N.C., is offering the VitroDAM TLF and VitroDam 3016 lines.

The VitroDAM TLF is a numerically controlled double-turret drill. The machine is capable of drilling holes through both sides of a glass lite and seams the holes with two independently driven vertical spindles. It can select the appropriate tool for each type of drill application automatically.

The VitroDAM 3016 is a CNC work center and features constructional sturdiness, extraordinary power and torque of the working head and quality components, according to the company. VitroDAM can perform a number of operations, including drilling, milling, sawing, edging, polishing and beveling without having to reposition the work piece.

Wheel's Keep a Rollin' continued

Edgetech Puts it All on the Table

Edgetech I.G. Inc. of Cambridge, Ohio offers three different tables for insulating glass production.

A 60- by 60-inch suction table features air flotation for easy glass movement, reverse suction that ensures positive glass holding during the application process, an aluminum extrusion air chamber for level surface and high strength, as well as a 3/4-inch grid surface for muntin installation. In addition, the table features a foot pedal for hands-free operation, as well as numerous other features.

Edgetech also offers a tilting grid table and an air float table. The tilting grid table has a 48- by 84-inch surface so it can handle a wide range of glass sizes. Other features include reverse suction for positive glass holding during matching, retractable stops for easy glass matching, a replaceable Arboron top surface for extended wear, 3/4-inch grid surface for muntin installation, an aluminum extrusion air chamber that provides level surface and high strength, as well as numerous other features.

The air float table features an 84- by 84-inch surface, air flotation for easy movement, reverse suction and vacuum cups that rotate and traverse for easy glass manipulation. A disc brake system allows for positive glass holding during applications, and friction brake locks traverse movement during the application. Numerous other features are included with this table, as well.

Billco Takes the Edge Off

The Ultra Series cutting system with edge deletion, available from Billco Manufacturing in Zelienople, Pa., has been designed to meet the increasing demands for fast and efficient edge deletion. The system, according to the company, is capable of deleting any shape or contour to ensure uniform material removal.

It can operate at linear speeds of up to 7000 IPM, and has dual drive motors for accurate positioning at any location on the table; the table vacuum creates overlaid deletion and score paths. In addition, the automatic wheel-wear and glass thickness compensation minimizes wear and downtime, according to the company.

Also from Billco is the FlexiGlyde, which offers IG manufacturers a cost-effective horizontal solution for applying any flexible spacer. The company says the equipment is designed to be integrated into a variety of layouts, and can easily replace existing manual application tables. The FlexiGlyde features a dual-headed application option that allows production-minded facilities the ability to use the same equipment to apply spacers from different manufacturers with zero changeover time, according to the company.

Grenzebach Stacks Up

Grenzebach Corp., the U.S. subsidiary of Grenzebach Maschinenbau GmbH, has introduced a high-speed glass stacker that it says is designed to increase efficiency and flexibility for manufacturers.

According to the company, the high-speed stacker stacks cut lites from a conveyor to a rack used to transport them to other facilities or to customers. The system can handle multiple sizes of glass with varying orientation, either landscape or portrait, tin side in and tin side out, providing manufacturers with flexibility to adapt not only the product, but to rack and equipment changes as well.

Hegla: Introduces the ReMaster System

Hegla Corp., the Atlanta-based subsidiary of Hegla International, building equipment supplier headquartered in Beverungen, Germany, has introduced its Hegla ReMaster automated system.

The ReMaster automatically stores remnant pieces from the cutting process and automatically feeds them back into the cutter as needed. The ReMaster can be used with manual and automatic breakout systems-both new and existing-and is not limited to working with Hegla equipment.

According to the company, the automating function manages what remnants are saved and what is discarded to improve overall glass yield and the machine eliminates safety and quality issues involved with the process.

Casso-Solar: Laying it on the Line, Laminated Line, that Is

Casso-Solar of Pomona, N.Y., has unveiled a flat glass laminating line with special IR and convection combination tacking oven. The line includes a free-fall load table, two lay up conveyors with vacuum lift, pop-up table and pneumatic bridge, IR preheat oven with pre-press, IR tack oven with three zones convection heating sections, tack press, acceleration conveyor and a tilt unload conveyor.

In addition, the company says it is developing an autoclaveless process for complete laminated glass production without an autoclave.

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Happy Holiday



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