Redesigned CWM Website Set for Nov. 18 Launch with Enhanced Features for OEMs

Building on its success in using the internet to help OEMs learn more about the capabilities and quality of its services, CWM is posting a completely redesigned website, for a more valuable web presence for potential CWM customers.

It will offer enhanced benefits to OEM designers and specifiers as well as to CWM Sales Representatives. It incorporates the latest techniques of good web design and conveying maximum information quickly, including the following features:

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26-Year CWM Veteran

CWM Family Mourns Marcos Barrera

In May of 1979 Marcos Barrera joined the Chicago White Metal family as a trim press and deburring machine operator. Soon after his arrival he fell in love with a fellow co-worker, Christina Marchan, and they eventually married.

Over the years, Marcos grew with the company. He became a die casting trainee and quickly helped pioneer CWM’s move into magnesium die casting. Later he became a lead die caster and eventually rose to the position of Magnesium Department Team Leader. Marcos introduced us to additional family and friends who joined the CWM team, including his brothers Jesus, Luis and Manrique who today are part of our great family.

Marcos’ approach to challenges was to constantly search for solutions—CWM’s advances in magnesium die casting production had much to do with his determination and dedication.

On Friday, Sept. 30, 2005, Marcos was taken from us suddenly. No words can express the pain and sorrow we are feeling right now with the loss of our very good friend and close member of the CWM family. Please keep the Barrera and Marchan families in your thoughts and prayers. We will always remember Marcos’ immense contributions to CWM and his endless devotion to family and friends. We were truly lucky to have known Marcos and to have had him as part of our family as long as we did.

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Brian Andrews Named VP of CNC Production

Brian Andrews has been appointed VP, Production, of CWM’s CNC Machining Technologies Division, in charge of all production operations. He is a 14-year veteran of this advanced machining facility and a member of the Tooling and Manufacturing Assn. His machining background includes three years at Douglas Aircraft, where he did engineering and programming for the DC10-MD11, MD80 and the C17 cargo plane.

Brian holds a BS degree in Numerical Control Technology from Northern Illinois University and resides in the Chicago suburb of Schaumburg with his wife, Anne, who is Accounting Mgr. at Chicago White Metal.

The CWM Golf Outing Celebrates Its 25th

The 2005 CWM Golf Outing celebrated its 25th Anniversary at the Bloomingdale Golf Club with ideal summer golfing weather and overflowing good fellowship among attending CWM employees, supplier partners and friends of Chicago White Metal Casting.

Comments heard at the end of the day ranged from “what a great time” to “looking forward to the next one.”

50 Happy Golfers and Guests

An afternoon field of forty golfers included several who have attended every one of the event’s 25 annual outings. They were joined by 10 additional guests for a bountiful evening dinner at the Bloomingdale Club.

CWM award for the “Lowest Score” went to Pablo Zalduendo, financial planner. Five golfers shared in the day’s “Closest to the Pin” award.

Co-chairs for the day were CWM’s Tom Mrock and Eric Treiber, with Melinda Gonzalez serving as their able assistant. Eric issued special thanks for all of the behind-the-scenes efforts of Tom and Melinda, with a toast to Tom as once again performing the especially heavy lifting that makes this annual outing such a great success.
1st-Piece Success Demonstrated with CWM’s Magmasoft® Die Cast Process Simulation System

The in-house process simulation technology of Chicago White Metal Casting has been upgraded with the licensing of the powerful Magmasoft® high-pressure die casting simulation software system. This advanced software enables more rapid and accurate projections of die fill prior to die construction for the highest-quality eventual casting results.

Interfacing with customer CAD files, extensive databases, and its 3D modeler, the new software allows rapid analysis of a product’s design, tooling, and projected process variables for optimum first-piece success. John Stocker, VP, Engineering, believes that the Magmasoft system is, today, the best predictor of the performance of a die casting die design. It provides a best estimate of the mechanical properties that can be expected in the final cast part.

The bottom line for CWM’s OEM customers is reduced lead time, improved quality assurance, and lower costs.

**The Challenge of a Gold-Plated Dome**

Critical cosmetic plated finishes for die cast part surfaces are always one of the more challenging specs for the die casting process.

A current project for an aluminum die cast dome-shaped design required a gold-plated finish: the combination of this plating specification and the part’s shape meant the optimum surface finish casting challenge.

After inputting the customer’s CAD files and developing the optimum tooling design for the project, use of Magmasoft process simulation software enabled CWM engineering to predict the precise effects of final metal flow on the critical finished surface.

**First-Piece Success Achieved**

After a series of refinements in the tooling design and repeat simulations, the design was released for die tooling construction. The final result: first-shot success.

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**New Trivalent Chromium Finish Meets EPA Standards**

Environmentally friendly trivalent chromium is now a proven, economical alternative to toxic hexavalent chromium coatings, offering high corrosion resistance for Al, Mg and Zn die castings in a range of applications.

With a bright, cosmetically pleasing finish, this alternative conversion-functional coating will allow CWM customers to meet stricter commercial and U.S. and European Union environmental mandates, avoiding the concerns with soon-to-be-prohibited hexavalent chromates. Next year, new European environmental regulations are expected to forbid the shipment of any products into the European market which carry the toxic hexavalent chrome finish.

Results of tests to ASTM standards demonstrate salt-spray protection for trivalent chromium coatings of up to 168 hours on Al 380. For a “Tech Brief” on Trivalent Chrome, contact the CWM Sales Dept.
We would like to congratulate our brother, Eric Treiber, on becoming the new President of Chicago White Metal Casting. Eric is the third generation in the Treiber family to continue on with the company. Some family businesses don’t make it past the second generation, or if the third progeny carries on, that person may rest on his or her laurels with no real drive or passion to make the business work.

This is not the case with our brother, Eric. He has always had the entrepreneurial instincts and the gusto and conviction to succeed in all of his business endeavors. It is no surprise, then, to those who know him that he has taken on this new role at Chicago White Metal with a real passion and drive, coupled with his years of business experience, hard work, talent and humor.

We could tell you some funny stories about Eric, one of our favorites being the time he high school when our parents went out of town for the weekend and Eric decided to throw a huge party at the house. He moved every piece of furniture on the first floor into the basement so as to jam as many teenagers into the house as possible. Of course in his efforts to always think ahead, he put down masking tape at perfect 45 degree angles where the furniture had been so he could reconstruct the decor before our parents arrived home. We fondly refer to this as German engineering. By the way, it became a legendary party.

Now Eric is married to a wonderful woman, Meri, and they have two amazing children, Ryan and Kylie. He has always been a role model for us as a person who is very determined to achieve the best in life through hard work and perseverance. Just like our father, Walter, and our grandfather, Walter Sr. It is with the utmost confidence that we know Eric will steer Chicago White Metal to even more success and growth with the wise counsel of our father, just as the company grew under his guidance and leadership.

Walter Treiber Sr. would be so proud of his family, knowing that a business can start in a warehouse loft in 1937 and grow to such a success today. In 2007, Chicago White Metal will celebrate its 70th anniversary. What an achievement!

Congratulations, Eric, you are an amazing brother, husband, father and friend and role model for so many people. You’re the best!

With love,
Kim, Kristin and Kara Treiber