

Beaumont Technologies, Inc.

Revolutionizing Melt Delivery Systems



News @ BTI

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BTI Named to Top 3 of NPE



Countless visitors stopped by the 600 sq. ft. Beaumont Technologies booth at NPE to see and learn about the latest innovations in melt rotation technologies. Among them were industry leaders in both manufacturing and publications. In particular, Mr. Matthew Naitove (*Plastics Technology Magazine* editor) stopped by to see and review what's new at BTI.

In the August 2006 Issue of *Plastics Technology*, Naitove named BTI's MeltFlipper and upcoming iMARC™ systems as one of the *top three innovations at NPE* in his "My Best of NPE 2006" (<http://www.ptonline.com/articles/200608ed.html>) editorial.

After seeing how BTI's technologies can now be applied to *single and multi-cavity molds* to provide a balance AND to also control the flow pattern within a cavity, Naitove called the technologies "one powerful headache pill for molders". An additional article covering BTI's iMARC™ systems on can be found on page 11 of *Plastic Technology's* August issue.

In case you missed us at NPE, BTI showcased our existing products and services: MeltFlipper® melt-rotation technologies, CAE flow analysis services, "Back to Basics"

Training Seminars, and a new v1.20 release of the 5 Step Process™ Software. The real show-stopper, however, was the announcement of the new upcoming iMARC product line, which adds parting line adjustability to the already successful MeltFlipper rheological control systems.

iMARC prototype systems were on display for single and multi-cavity tools, showing examples of cavity-to-cavity fill balance, flow front control, weld line placement and strength, and gas trap elimination.

While the debut of iMARC systems may be up to a year away, the current MeltFlipper technologies are capable of the same robust, process-enhancing performance. Ask a BTI representative about how MeltFlipper can improve your part quality and efficiency today.

Also keep an eye out for an upcoming full-length feature article about the new iMARC systems in *Plastics Technology* magazine.

In case you did not have an opportunity to go to NPE, we wanted to share some pictures of our booth so that you can feel like you were there with us.

<http://www.beaumontinc.com/news/npe2006.html>



BTI Expands Research & Development Staff

Matthew W. Baker, newly hired Development Engineer, takes on the challenge to pursue and commercialize new BTI-related technologies, most notably continuing advancements on the new iMARC™ systems (in-mold adjustable rheological control systems) introduced by BTI at the NPE 2006.

Mr. Baker will also be involved in the R & D relationship with INCOE Corporation stemming from the two firms' most recent agreement to advance the development of melt management technology in hot runner systems. (More details in the article "Incoe Relationship Extended" on this page)



Mr. Baker, a mold & design engineer who comes to BTI from Chipsco, Inc. in nearby Meadville, PA, is a graduate of Penn State, Behrend where he earned a Bachelor of Science degree in plastics engineering. He and his wife reside in Edinboro, PA and both are formerly from the Titusville, PA area.

BTI Supports Global Marketplace

CoreTech Systems Co., Ltd., the exclusive reseller of MeltFlipper® technologies in Taiwan and other various Asian counties, invited David Hoffman to present a technical seminar focused on solving the age-old problem of filling imbalances in injection molding. Attendees learned how MeltFlipper® can help them balance filling conditions, improve part quality, and save cost. To read more about the seminar, please visit [CoreTech's Newsletter No.14](#) at www.Moldex3D.com.

Incoe Relationship Extended

INCOE® Corporation and Beaumont Technologies Inc. are pleased to announce the agreement of a Research and Development program. This new arrangement further strengthens the existing relationship between INCOE® and Beaumont Technologies.

INCOE® is the exclusive global supplier of Beaumont's MeltFlipper® technology in hot runner systems, sold under the Opti-flo™ trade name. Under the new agreement Beaumont Technologies is an extension of INCOE®'s R&D effort for the further development of melt management technology in hot runner systems. INCOE®'s support allows Beaumont to accelerate further development in the unique and new understanding of shear effects on injection molded products and how to maximize the effects for improved performance in hot runner systems.



"We're excited about the expanded R&D relationship with a world leader and pioneer in hot runner technology and the benefits it will bring to injection molding as a whole. The agreement is the catalyst needed to accelerate the transitioning of our knowledge in cold runner melt-management technologies into the hot runner industry" says John P. Beaumont, President of Beaumont Technologies, Inc.

"We see this as opportunity to add diverse dimensional engineering compared to what is typically current in the field of hot runner design", said Eric J. Seres, President and CEO of INCOE® Corporation.

For more information regarding Opti-flo hot runners, please contact INCOE® Corporation:

INCOE Corporation
1740 East Maple Road
Troy, MI 48083
Ph: 248-616-0220
Email: info@incoe.com; Web: www.incoe.com

BTI Training Seminars

BTI's "Back to Basics" seminars provide training on various subjects that are vital to expand the knowledge and efficiencies within the plastics industry. The courses are geared to provide a complete understanding of the subject matter and are presented in a way that makes the most complex subjects easy to understand.

Training seminars include:

- Practical Rheology
- Runner & Gating Designs
- Scientific Mold Balance Analysis

[Click Here To Request a Training Seminar in Your Area](#)

Live MeltFlipper® Technical Demo

If you're interested in understanding how MeltFlipper® works and seeing the technology in action, contact a BTI representative to schedule a seminar and live demo in your area or at your company.

"The seminar clearly explains the root cause of an age old problem and the live demonstration dramatically illustrates how the MeltFlipper solves it once and for all. Must see stuff." -- Roger Mansur, Polymers Center of Excellence, Charlotte, NC

[Click Here To Request a Live Demo in Your Area](#)



Upcoming Events

Join BTI in these upcoming events to see how we continue to revolutionize the plastics industry!



MoldMaking Expo 2007

Donald E. Stevenson Center
Rosemont, IL
Date: April 18-19, 2007
Booth #: 512 www.moldmakingexpo.com



K-2007

Dusseldorf, Germany
Date: October 24-31, 2007
North American Pavilion
www.k-online.de

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Beaumont Technologies, Inc. (BTI), the exclusive licensor of MeltFlipper® melt rotation technologies, is the world leader in mold & process optimization technologies. MeltFlipper® technologies are 100% GUARANTEED to solve your problematic filling imbalances to ultimately achieve reduced scrap rates, faster cycle times, quicker time to market, and increased process efficiencies.

Our core products (**MeltFlipper®**, **5 Step Process™**, **CAE by BTI™**, and **BTI Training™**) are successfully being used to help produce parts to Six Sigma quality standards in a vast array of industry segments. Contact BTI today and give us the opportunity to help your company become more profitable through our mold and process optimization tools – with **NO NEW CAPITAL EQUIPMENT REQUIRED!**

Please visit www.beaumontinc.com for more details.