

Beaumont Technologies, Inc.

Revolutionizing Runner Designs for Injection Molding



News @ BTI

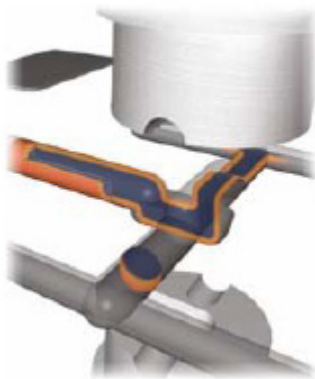
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Opti-flo™

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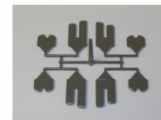
MeltFlipper® Technical Seminar and Live Demonstration Scheduled For August 25, 2005

Have you heard about MeltFlipper® technology, but are not sure about it and would like to see it work? Well here's your chance! On Thursday, **August 25, 2005**, BTI will be at Davidson County Community College in Lexington, North Carolina presenting a live demonstration of MeltFlipper technology accompanied by a technical seminar on the technology.

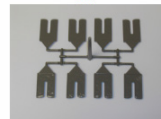
Attendees will be able to observe first-hand how MeltFlipper technology provides an unprecedented level of melt-management and control to achieve a filling *and* melt balance within single and multi-cavity molds.

Contact us today to reserve you seat and to experience first-hand what has been recognized by the SPE as one of the most significant developments in Injection Molding.

Learn how to take
your process from



To



in less than
10 minutes

When:
Thursday, August 25, 2005
8:30am – 12:00pm

Place:
Davidson County Community
College
297 DCCC Road
Lexington, NC 27295

Cost:
Free... but space is limited.

Reserve your seat today with:

Fred Phillips, Beaumont
Technologies, Inc.
704-545-4000 –
fphillips@runnertech.net

-or-
Lew Kelly, Davidson County
Community College
336-249-8186 –
lkelly@ davidsonccc.edu

What's the Industry Saying?

MeltFlipper® technology saves company time and money by reducing the overall mold commissioning process.

"Accudyn Products strives to eliminate waste and reduce costs on new projects while they are still within the design phase of the project. That is the reason we implemented MeltFlipper technology in the initial mold design stage for a new 8-cavity mold to produce small, tight tolerance components. The first sampling showed the benefits of MeltFlipper immediately. This is the first mold in a very long time that started up without any filling problems or part quality issues that were not related to the mold. MeltFlipper technology certainly helped us design for success, and has made the mold and part approval process flow much easier."

Damon DeVore, Engineering Manager
Accudyn Products, Inc.
Erie, PA

BTI Expands to the West Coast

In May of 2005, BTI welcomed the addition of FIMMTECH (www.fimmtech.com) to our lineup as another distributor on the West Coast. Some of the areas of expertise within FIMMTECH include injection molding education and seminars, project management, production process control and lean manufacturing.

FIMMTECH
 3504 Windrift Way, #104
 Oceanside, CA 92056
 United States

Contact: Mr. Suhas Kulkarni
 Title: President
 Phone: 760-525-9053
 E-mail: suhas@fimmtech.com

BTI Hires Customer Service Engineer

In July of 2005, Beaumont Technologies, Inc. (BTI) added to its staff by appointing Timothy J. Rozic to the position of Customer Service Engineer.

Mr. Rozic will be providing technical assistance and service to many of BTI's larger customers. "Tim is a welcomed addition to our staff, and we know he will be able to make an immediate impact on advancing our customer service capabilities. His experience in the fast-paced automotive industry is a plus in being able to relate to customer tooling problems and processing issues", says David Hoffman, BTI's Global Director of Technical Sales & Marketing.



Now living in Erie, and a native of nearby Butler, PA, Tim joins BTI following 3 years in the position of manufacturing engineer with Toledo Molding & Die whose major markets are in automotive applications. Rozic graduated from Penn State Erie, The Behrend Campus, with degrees in plastics & mechanical engineering technology.

**To Radius, or Not to Radius...
 No Longer a Question**

Contrary to some beliefs, adding radii to runner intersections does NOT solve shear induced filling imbalances. This belief stems from the idea that these imbalances are caused by shear on the material resulting from sharp corners, or "tee" intersections. While it is true that sharp corners at runner intersections may increase the shearing of the material, this effect is negligible in comparison to the shear established throughout the entire flow length of the runner. Shear begins to develop as soon as material starts flowing...not only at corners or runner intersections. Figure 1 shows industry applications with radiused runners which also exhibit significant shear-induced imbalances.

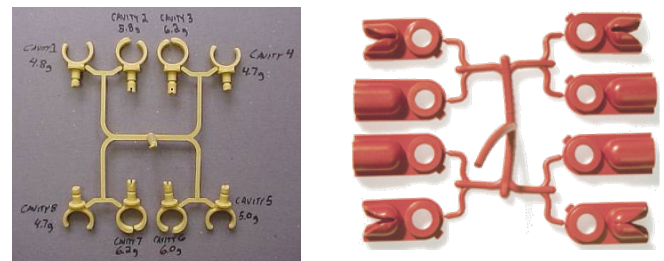


Figure 1

To illustrate this point, BTI modified a mold to have interchangeable runner inserts with "T" intersections and radiused intersections. As shown in Figure 2, the results were identical with little to no change in imbalance.

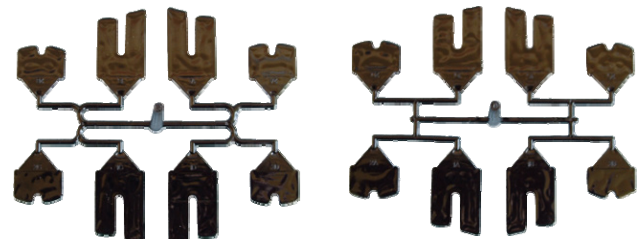


Figure 2

This same mold was then retrofit with MeltFlipper technology to show how easily the problem can be controlled and solved through melt-management technologies (see Figure 3), even with sharp corner runner intersections.

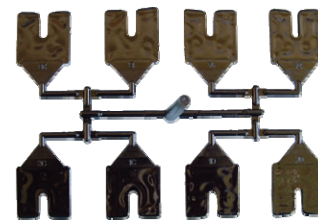


Figure 3

More details will be available at www.meltflipper.com in the coming weeks.



Upcoming Events

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



Plastics Encounter Southeast

Charlotte, NC (Charlotte Convention Center)
 Date: October 18-20, 2005
 Booth #: 620
www.plasticsencounter.com



MoldMaking Expo 2006

Novi Exposition Center, Novi, MI
 Date: April 25-26, 2006
 Booth #: 941
www.moldmakingexpo.com



NPE2006

McCormick Place, Chicago, IL
 Date: June 19-23, 2006
 Booth #: 11224 in McCormick Place East
www.npe.org

Beaumont Technologies, Inc.

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Beaumont Technologies, Inc. (BTI), the exclusive licensor of MeltFlipper® melt rotation technologies, is the plastics industry's source for mold and process optimization products and services. 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.meltflipper.com for more details.

WE'RE ON THE WEB:
WWW.MELTFLIPPER.COM