



Who is iMFLUX?



iMFLUX is the only company that integrates game-changing processing software and machine learning with a mold building and innovation center.

Innovators transforming the future of plastic injection molding.

We equip your team to simplify and optimize your molding operations and run more reliably with fewer operator adjustments. You'll produce higher quality parts, reduce costs, and lower capital—all while advancing your sustainability efforts.

How we deliver these promises:

- Our People, Your Partners – Together, we elevate your molding operations and allow you to offer new capabilities to your customers.
- Smart Technology – We combine process control technology and mold-building expertise for higher throughput and faster speed-to-market.
- Solutions for Sustainability – We innovate, so you immediately run more sustainable materials with less energy, wear, and waste.

With iMFLUX, you enjoy new capabilities and innovation that make you the brand and supplier of choice for growth.

[Watch to Learn More](#)



Improve Common Molding Challenges With iMFLUX

Conventional injection molding relies on high pressure and high shear. iMFLUX molds with low-constant-pressure molding with no flow hesitation, packing as it fills, adapting in real-time, and automatically adjusting to viscosity changes. This simple system of processing software, closed-loop feedback, and user interface transforms the entire process, so you enjoy new capabilities, innovations, and business growth.

This platform works on virtually any machine—new or old, so you can transform your entire operation. Our team's unique combination of capabilities includes: Controls, Software, Processing, Materials, Design, Mold Building, and Education—this creates synergies and breakthrough innovations for you.

[Watch This Demo](#)



iMFLUX Solutions for Sustainability

iMFLUX demonstrates what's possible in a circular economy for plastics: continue to make high quality parts without difficult trade-offs.

Our low-constant-pressure molding platform delivers three kinds of sustainability advantages:

1. Run more sustainable materials, including 100% PCR and bio-derived materials.

iMFLUX is an injection molding technology that manages viscosity variation as the plastic is injected. The technology makes needed adjustments, which frees your operators making it possible for manufacturers to rely on post-consumer resin (PCR) as a viable source of material to make high quality plastic products.

2. Produce with much lower energy, wear, and waste.

iMFLUX operates at a lower pressure and often reduces clamp tonnage. Lower pressure and clamp tonnage reduces energy usage. When cycle time is reduced the energy savings is amplified leading to less kW/kg of material produced.

3. Make lighter parts using less plastic.

Overpacking is a common challenge for injection molders. iMFLUX packs as it fills, leading to higher quality, lighter weight parts that aren't overpacked. This also allows for unique thin wall designs that may not be possible with conventional molding.

[Watch This Demo](#)



What Customers Say About iMFLUX

Nothing is more important to iMFLUX than the customers we serve.

At iMFLUX, we understand that it's all about you, not us. And we love it when our partners and customers talk about how we've helped them, it's the best endorsement we can get!

We want to be part of your team, to help you accomplish your goals.

"Today iMFLUX has emerged as a method and a highly advanced control system that is providing a much-needed alternative to the way the industry currently thinks of injection molding."

- John Beaumont, President Beaumont Technologies and AIM Institute

"Adding iMFLUX to our production cells has enabled our presses to run with less downtime and higher output. Quality has also improved, which frees up our operators to focus on higher value work."

- George Staniulus, Vice President AGS Technology

[Hear From One Of Our Customers](#)

How Can iMFLUX Transform Your Future?

We're an agile and collaborative organization of unwavering partners and innovative change agents, always ready to lend a hand and do whatever it takes to make your dreams a reality.

Our purpose—to transform the future for the many companies, teams, and people that make up the plastic injection molding industry – including YOU!

Together, we will elevate your operations, grow your business, and bring new capabilities to your customers.

We can't wait to talk to you!

www.imflux.com

info@imflux.com

513-488-1017

[Twitter](#)

[LinkedIn](#)

Plastics Technology | Gardner Business Media, Inc.

6915 Valley Ave.

Cincinnati, OH 45244

United States

800-950-8020

[Manage Preferences](#) | [Unsubscribe](#) | [Privacy](#)

Sponsored Content