MATRIX TOOL INC.
ADVANCED MOLDING AND TOOLING

Matrix Tool Featured in MMT Magazine Profile

Matrix Tool Uses Counter-Intuitive Approach for Mold Challenges

In early 2022, *Mold Making Technology* Magazine's Editorial Director, Christina Fuges, sat down for a profile with Matrix Tool, Inc. Matrix Tool's Tim Lewis, Company President, and Tom Moyak, Director of Engineering and New Business Development were featured in the article. Throughout the profile, Matrix Tool discusses what drove them to develop their counter-intuitive approach for mold challenges.

Christina Fuges: How have you changed your general approach to business?

Moyak: Matrix continues to question the generally accepted standards and norms in both tool design and the injection molding process. This real-time blueprint was created out of necessity. Our customer base continually requests product features and overall sizing that isn't ideal or efficient to produce in traditional tooling and molding machines. This prompted us to step back and start asking lots of questions. For example, why do we consistently get asked to place smaller parts in larger mold bases with hot runner systems that inherently add a degree of unwanted variation and expense?

Once we started asking these hard questions, we went to work developing creative solutions for cavity spacing, tool sizing, runner layout, melt delivery, etc. Matrix's counterintuitive approach was met with skepticism—even from our existing customer base. Long accepted paradigms are hard to change, but our persistence to challenge the norm continues to pay dividends for our customers. Once they saw the proven results of this unique approach, they realized the benefit of running in a smaller press size at lower cavitation but higher yield.

Deep, broad technical experience in design, tooling and molding has been Matrix Tool's core differentiator

Fast forward to today, and we continue to push the limits and accepted norms in our industry. We call this approach "The Matrix Way." Our new business quotations reflect the benefits of designing a "smaller, faster, better" solution for our customers. Give us a call to learn more!

Read the full article from the May publication here.