

Process & Design Technologies, LLC.

Solutions through Innovation

In today's highly competitive global plastics market, manufacturers need every edge they can get to maximize productivity and efficiencies. Process & Design Technologies draws on sophisticated and proven technologies from various markets and applies them in unique and innovative ways to help manufacturer's gain a competitive edge. Regardless of region, you can count on us to deliver Global Plastics Solutions Through Innovation.

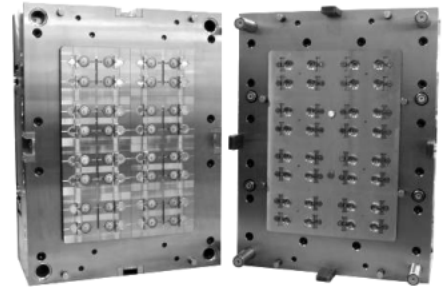
Evaluation Process... From start to finish

It starts with asking the right questions and gaining a full understanding of where you are today, and where you want to be in the future. Using proven methods to identify and quantify opportunities for improvement, we complete an in-depth review of problematic areas. Then, we formulate the right solution that will bring you the tangible results you need.

Advantages in "real world" working terms

With years of "in-field" experience to draw from, we ensure that our solutions are based in real world processing environments. Practical and realistic to implement, our scope of experience covers all aspects of the molding process from engineering through production.

Process & Design Technologies ensures that combined and proven technologies from various markets are correctly applied in unique and innovative ways helping manufacturers yield that elusive competitive edge.



Experience

Company founder, Terry Schwenk has over 33 years of experience in the plastics industry, including more than 22 years of specialized experience in hot runner technology. Terry's greatest strengths are in his abilities to identify, brainstorm, conceptualize, and then deliver the best solution that fits your needs supported by a strong technical background.

He also has a demonstrated ability to translate complex ideas and communicate these in such a way that your team members can fully benefit from the solution.

Here's what Terry's colleagues have to say:

"Terry Schwenk; an exceptional person with a thirst for finding solutions. He embraces opportunities and moves forward with a determination and enthusiasm that impresses me."

"Terry's knowledge showed clearly in the presentations; questions were answered to the fullest and clearly for everyone."

Global Plastics Solutions Through Innovation

Specialized services

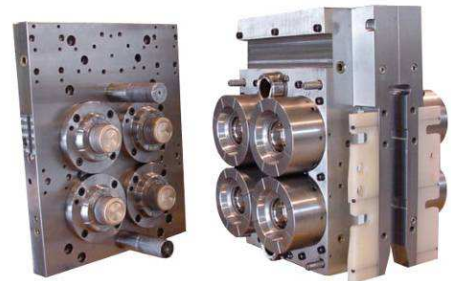
Beyond working with you to identify and develop a plan, Process and Design Technologies offers a wide range of tooling and project management related expertise to further advance your ability to compete covering everything from selecting the best tool shop for your application, to troubleshooting and project management.

Tooling Solutions

Specializing in advance tool designs incorporating complex technologies such as Spin Stack technology, In-Mold-Assembly technology and In-Mold-Labeling technology.

Other areas of tooling expertise include:

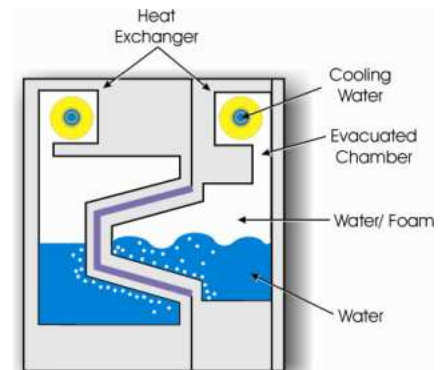
- Multi-material tools (Index table, rotating platens, spin stacks, core back)
- Silicone tooling
- Multi-material silicone tools
- Stack Molds
- Modular tools
- Mold cooling (Ritemp™)
- Electrical issues (PowerTech)



Plastic Processing Solutions

Specialized experience in optimized processing using hot runners systems includes:

- Multi-material applications
- Scientific and Technical molding
- Hot runner gate selection and sizing
- Hot runner trouble shooting
- Vent optimization (SureVent)
- Resin evaluation, selection and trouble shooting



Hot Runner Process Improvements

- Trouble shooting
- Analysis
- Corrective actions
- Gate selection

Project Management

Oversee and coordinate construction of manufacturing cells. Coordinate multiple tool builds and validation.

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- Coordinate multiple tool builds and validation.
- Pre-qualify vendor's services.



Process and Design Technologies, LLC.
9030 32nd Avenue
Kenosha, WI 53142 United States
Tel: (262) 237-2525 Fax (262) 694-3961
Email: tschwenk@processdesigntech.com
www.processdesigntech.com

