

YOUR PARTNER IN

CUSTOM TOOLING AND TIGHT TOLERANCE

PLASTIC INJECTION MOLDING

**Why Choose FTM Engineering
Group for Your Next Project?**

FTM ENGINEERING GROUP



FTMENG.COM | 440.951.5934

WE CAN HELP!



CUSTOM TOOLING & TIGHT TOLERANCE PLASTIC INJECTION MOLDING

Finding the right partner for your custom tooling and plastic injection molding projects can be overwhelming and frustrating. We know! We've been in the business for nearly 50 years.

As an engineer or project manager, you just want to do a good job, produce a quality product, and, ultimately, earn the respect of your boss and coworkers. So, the pressure is on when it comes to selecting the right outsourced partner.

Your requirements for this partner are likely pretty straightforward:

- Make a high quality tool and/or part
- Produce that tool and/or part on time - and on budget

Seems reasonable to us. So, why is it so difficult to find a dependable and trustworthy partner to build your custom tooling and produce your tight tolerance parts?

We'd like to address that on the following pages...



THE PROBLEM



So, what is the problem?

In the introduction, we agreed that it shouldn't be that hard to find a partner to make a great product and deliver it on time and on budget. Those are the "basics," right?

There are a lot of good tool/mold designers and plastic injection molding companies out there. For the most part, they want to do a good job for you; but, in order to meet your requirements and budgets, it can be easy to slip into cutting corners or missing deadlines.

THE DEEPER ISSUE

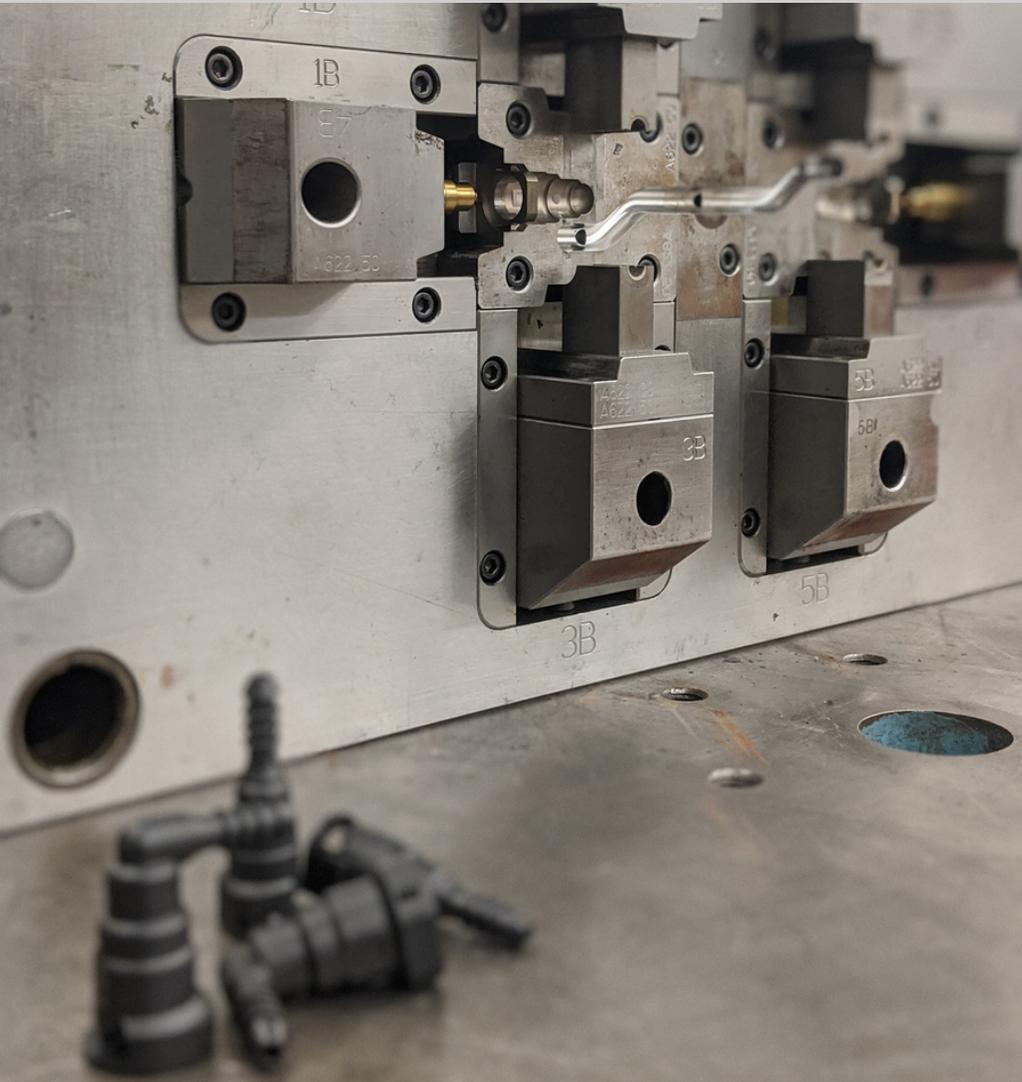
Sometimes, there can be internal challenges that you're dealing with as well. We have seen many situations where engineers and project managers inside a company aren't given the freedom or budgets to do what they know is best. And, it becomes difficult to do your job when your hands are tied in one way or another.



We have also worked with engineers and project managers who simply don't have any help. They are responsible for everything from quoting to finished product and anything in between. Without the support of either an internal or external team to share challenges, consider options, or explore new ideas, the load of high expectations and shoestring budgets creates understandable stress and pressure for someone in your position.

And, on top of all this is the lack of understanding and appreciation from those around you, including coworkers and supervisors. You are expected to work miracles with not much more than a pencil and a piece of paper. And then you are blamed if anything is less than perfect.

THE PROBLEM



We understand.

The good news is that we've been there. Our team offers a wide variety of experience from both the manufacturer and client side of the table. We have heard the seemingly crazy requests, seen the unreasonable budget numbers, and worked through the challenges to get the project done on time and on budget, no matter what!

Like you, we want to do our best work and produce the highest quality end results - whether that's a custom tool for a multi-cavity auto unscrewing plastic injection mold or a production run of one million quarter-inch fittings.

THE SOLUTION



What would the ideal partnership look like?

Let's play a game. Close your eyes...okay, you don't really have to close your eyes, but imagine your ideal situation, where EVERYTHING goes perfectly according to plan. What does that look like?

Something like this?

- Communication is open and clear throughout the process.
- Not only does your partner listen (and respond) to your requests, but they also offer valuable insight and ideas you hadn't thought of before.
- The entire project starts and finishes on time AND on budget.
- Even the most difficult, close tolerance parts are produced exactly to spec, from the first ones out the door to the 100th run and beyond.
- You feel comfortable with the partner and trust that they have your back.
- Your boss recognizes that YOU are the rock star who brought it all together!

You might be thinking, "that's not even possible!" But, that's where we would disagree. This "ideal" actually can be a reality. Just listen to what some of our long-time customers have to say:

"You guys do awesome work!" (Automotive Customer)

"Thanks for all your help with the part design issues." (Energy Customer)

"We really appreciate FTM's quick response to our tooling issue." (Automotive Customer)



WHY FTM?



Why should you work with FTM Engineering?

That's a great question! Our answer might surprise you: ***"We're not sure if you should."***

We know we're not the right partner for everyone; and we know not everyone is a good fit for us either. Just like you, we want to do our BEST work. In order to do that, we need to make sure we are selective in who we work with and which projects we work on.

Before we jump into the process of designing, engineering and building precision tooling and injection molded parts, we first have to learn more about the project and the person, people, and/or company behind it.



THE RIGHT FIT



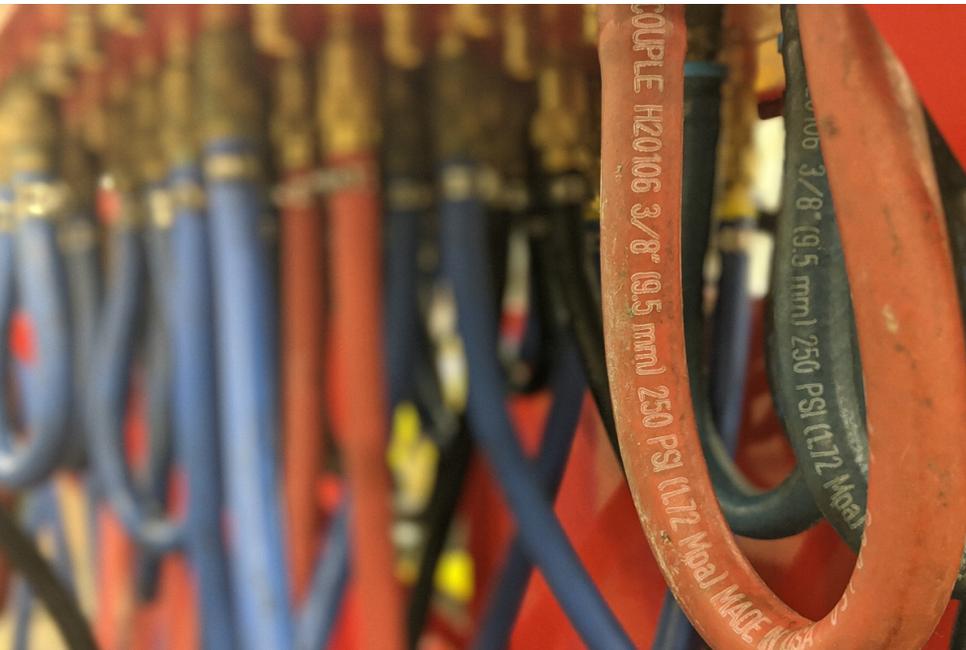
Finding the right F.I.T.

Over the last four-plus decades, we have learned that we are not the right “fit” for every task, and every potential project is not always a great “fit” for us. So, we developed the “FTM F.I.T” - a process that helps us to know when we can offer the most value to a customer...

- **F = FIND** a common understanding around your needs and the details of your project.
- **I - IDENTIFY** if what you’re looking for is something we can do well.
- **T** - If everything looks good, then we **TAKE** it to the next step (which is explained on the next page).

Finding the right fit is the most important aspect of starting a new relationship (as well as deciding when to continue with one). We believe this is a powerful first step for our customers, as well as ourselves. Once both sides agree there’s a good fit, then we follow our proven five-step process.

Let’s take a look at our process...



THE PROCESS



Our Process for Engineering, Designing, Building, and Producing Custom Tools and Parts

1. Ideation

The ideation phase gives you the opportunity to share your idea(s), desires, problems, and challenges with us; and it allows us to gain a solid understanding of your needs.

2. Quote

From there, we create a comprehensive estimate of time and budget based on the information gathered during the initial ideation phase. Our combined 100+ years of experience ensures you receive a quote that provides the results you're looking for.

3. Do the Work

This is where the magic happens! And we keep you involved every step of the way. We believe over communicating is way more effective in reaching the intended goals that are established early on in the process.

4. Produce

From prototype to test runs to full production, your custom tooling or plastic injection molding project is handled with care, from cradle to grave.

5. Adjust

In our opinion, a project is never "done." While the primary role of designing, engineering and production is complete, we work together with you to make sure the part and/or tool performs just like it's supposed to and make adjustments if needed.



WHAT NEXT?



So, what happens next?

Without a detailed, step-by-step process, you'll end up anxious and frustrated throughout the span of a project.

It all starts by taking the first step.

REQUEST A QUOTE
(CLICK HERE)



Or, give us a call: 440-951-5934

REQUEST A QUOTE...

Whether you need precision parts or tooling for electronics, automotive, heavy equipment, energy or other industry, we'd love the opportunity to quote your next project.

[REQUEST A QUOTE >>](#)

