

Why Quality Matters

Companies spend a significant amount of capital on research and development of new products. This investment takes months or even years of market research, engineering and design, prototyping, testing and certification before even launching the product itself. Why would you then risk it all by choosing a cheap mold? Pick a partner that can hit your deadlines with unprecedented quality.

The True Cost of a Cheap Mold

The old adage, “You get what you pay for,” applies to nearly everything in life. Mold making is no exception. Companies that offer cheap tools achieve such a price point by cutting corners somewhere. It could be any combination of inferior steel, poor machinery, undertrained toolmakers, lack of quality control or outgoing inspection. When your team has completed its research and development, the clock starts ticking for your company to achieve a positive ROI. Cheap tools will end up costing you more due to rework, long supply chains, redesigns and factory down time. When molding your parts, every second counts. In the end, a down production line costs you more in customer satisfaction and brand recognition than a quality mold.

Protect Your Investment

Manufacturing is stressful, with lots of moving pieces from supply chain management to staffing and training, equipment effectiveness, machine maintenance, engineering changes and customer satisfaction. Planning for many of these factors is nearly impossible. A quality mold, however, can assure your first part will be the same as the 1 millionth part. When you know your parts will be manufactured consistently to precise specifications, your company can focus its energy on more value-added endeavors such as increasing capacity, driving sales or improving overall efficiency rather than fixing what should be working flawlessly.

Support Beyond the Sale

Injection molds are complex tools that require close collaboration before, during and after any steel is cut. Involving experienced engineers, toolmakers and project managers in manufacturing molds ensures the molds will make the parts as intended. Good mold engineers identify potential pitfalls before production of a mold to ensure the final product will meet your expectations. These can include the product’s design for manufacturing (DFM), mold flow or finite element analysis (FEA) once the design is completed. While designs are the foundation of a good mold, experienced toolmakers identify potential functionality and tolerance issues before sampling to keep a product on track. Quality project managers maintain an overview of the entire project so all teams work closely together to achieve optimal outcomes. Once a mold

is completed, the after-sale support team ensures your mold will continue to operate properly during its production run while minimizing production down time. Whether this requires spare parts made in advance or scheduled maintenance of your mold, support should not stop once a mold has been shipped.

R&D/Leverage and the family of Adler companies focus on engineering and manufacturing quality molds for making quality parts for your products. Perfecting our processes—from prototyping to design, delivery, service, and repair—keeps your production line up and running. We welcome complex challenges such as reverse engineering and layered applications. Call us today to discuss your current projects and challenges.