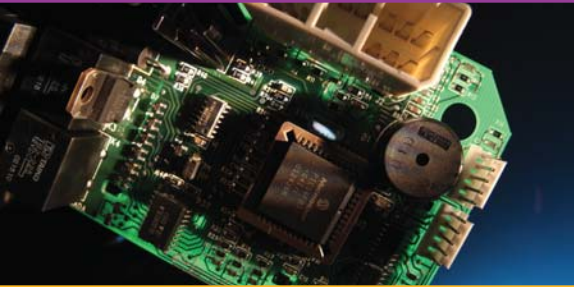




AUTOMOTIVE - TRAYS & DUNNAGE



ELECTRONICS - ESD HANDLING AND TOTES



FOOD PROCESSING - DISTRIBUTION CONTAINERS



MATERIALS HANDLING - AUTOMATION PARTS



LOW VOLUME CUSTOM MOLDING

Analyze. Evaluate.

To achieve our goal of providing clients with better ideas, every new program is reviewed by Molded Materials and processed through our proprietary Product Development Process (PDP). We combine management, sales, application engineering, design engineering and manufacturing, into a cross-functional team to analyze, evaluate and envision an idea. Then we put our ideas through a process that creates the better idea for achieving our clients' goals.



Design. Engineer.

Molded Materials has a solid reputation for solving the toughest problems. Our designers and engineers work with advanced engineering terminals and software to not only solve the problem but often go beyond expectations. We employ multiple CAD and CAM workstations specialized to meet the variety of complex process steps needed in virtually any application. Our CAD workstations include Pro-E, SolidWorks® and SDRC. Our CAM stations utilize MasterCAM. We also provide Finite Element Analysis, Mold Flow Analysis and design/process Failure Mode Effect Analysis.



Mold Building. Prototyping.

Cost. Quality. Timing. The old adage says you can only have two of the three. We don't believe that. Molded Materials designs and builds molds, fixtures, gages and prototypes in house. We do it fast, at a good price and without any sacrifice of quality. From simple cast or machined blocks for one or two pieces, to complex molds for production, we have the capacity to deliver. Our multitude of capabilities, including multi-axis machining centers deliver power, speed and accuracy to any job — all developed to ensure that set ups are quick and dimensions consistent.



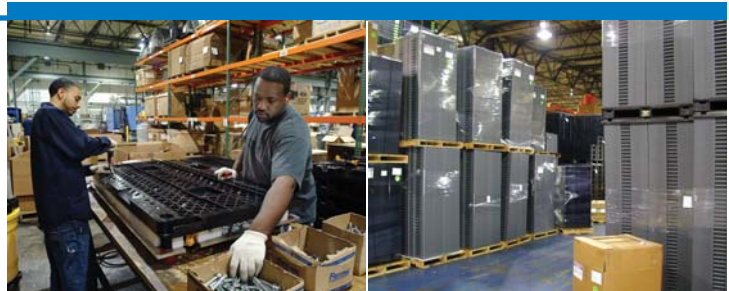
Manufacturing.

Flexibility is the operative word when it comes to defining Molded Materials' manufacturing capability. It also describes the way we look at each and every project that comes through our doors. Our manufacturing flexibility allows us to deliver the right solution, rather than the need to force-fit a process. Our capabilities include injection and compression molding, cast urethane, structural foam and assembly.



Deliver the solution.

Combining all of these systems within one company is what gives Molded Materials its greatest capability — the ability to deliver the right solution to our clients. Solving tough engineering challenges, reducing costs to meet tighter budgets, supplying on time to meet unbendable production schedules. It all adds up to a single company philosophy — Delivering Better Ideas.



Custom applications. Custom solutions.



In the automotive industry in particular, modular assemblies are being moved from suppliers to assembly plants. Damage in transport is costly and unacceptable. Molded Materials helps manufacturers eliminate this problem while achieving truly lean manufacturing work flow.



Shipping trays must eliminate part-to-part damage and avoid part contamination. They must be durable, returnable, dimensionally stable, and in some cases, accurately position the parts for automated unloading and assembly.



Reengineering components and manufacturing them in plastics can reduce weight, increase part life and in some cases save users hundreds of thousands of dollars a year in maintenance and replacement costs.

A quick look to the left provides an overview of our core capabilities in part protection and reengineered custom molded parts. Molded Materials provides solutions for a vast variety of applications, too numerous to list here so we have enclosed a series of application stories in the pocket. Our team-based Product Development Process, manufacturing capability and expertise ensure that each and every project is handled quickly, efficiently and with the quality you expect. We serve a variety of industries such as automotive, electronics, food processing and materials handling with engineered plastic products.

Our mission is to build a company of excellence by providing engineered solutions to our clients through continuous performance improvements. This statement drives everything we are and everything we do.

EXPERTISE

Molded Materials has been providing engineered solutions to the North American and Western European materials handling markets since 1968. Our expertise extends from design and engineering to tooling and mold manufacturing — from prototypes to production molding — and from simple parts to complex assemblies. Our products include totes, trays, dunnage, distribution containers and reengineered OEM parts, components and assemblies. As a vertically integrated company we have the ability to design, engineer, prototype, manufacture and assemble all under one roof.

TECHNOLOGIES

We combine the knowledge and the technological tools to create and deliver new ideas. Multiple CAD systems to design, build and modify. Finite Element Analysis for integrity. Mold Flow Analysis to optimize processing. CAM systems to ensure precise repeatability. State of the art CNC machining centers and molding equipment to deliver ideas faster and more precise.

CLIENT SERVICES

It's simple. The client comes first. And servicing our clients is our primary task. We do that by employing only the best and brightest solution providers, using only premium materials and processes. And providing solutions, not just product. First time. All the time.

ASSURANCE

Adherence to quality standards is no longer a guideline. It's a requirement. Quality-first is the foundation for how we conduct business, how we create and how we deliver. From our ISO 9001 certification to our in-house QA/QC training programs and our team-based Product Development Process we devote all our efforts to the issue of quality and more particularly your satisfaction.

CONFIDENCE

The ultimate achievement for any company is a project well done and having a satisfied customer. We've been doing both since 1968. We provide clients with new solutions and better ideas, and they respond by returning time and time again. Our clients know that Molded Materials is not just a supplier, but a partner.

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