

ROMOLD

Forward Thinking Company Molds a New Look

"We can run several different toolpaths on the part because we've used Mastercam enough to know that it's excellent at preventing gouges."

— Lou Romano
ROMOLD President
Rochester, NY

Molding a New Vision for RayBan®

For their newest line of sunglasses, RayBan turned first to ROMOLD, Inc. to develop a mold system to pop the heavily undercut frame fronts out of their injection molds quickly, while minimizing part distortion and without damaging the complex-curved lens-holding undercut. ROMOLD had been called in on moldmaking projects for RayBan several times since the manufacturer switched from old-world hand tooling to CAD designs. ROMOLD president Lou Romano believes they were entrusted with that major responsibility because of the company's founding ideals: to create an environment that supports complex work in a spotless shop, orderly and organized to meet tight delivery deadlines.

ROMOLD designers used Mastercam's Moldplus utility to define the parting line of the molds and to automatically separate the geometry into core and cavity. This last function was a major contributor to ROMOLD's completion of the part on deadline. "Trying to separate a complex CAD model into core and cavity manually can be a nightmare," says Lou Romano, president. "Automatic core/cavity separation lets us push a button, see the core and cavity, and move on."

From their introduction to CAD/CAM, ROMOLD relied on Mastercam® for precise toolpathing. As the software expands and adds new tools, they use each advance to sharpen their skills and increase their inventory of techniques to benefit their customers. This CAM-driven business strategy, says Lou Romano, "played a huge part in our deciding to undertake the precision mold making that RayBan and our other customers require."



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