



BONEAL Custom Molding Delivers Ahead of Schedule

Customer:
United States Postal Service

Customer Need:
A mold to produce a dual-pulley Shell Roller for the U.S. Postal Service mail handling system.

Project Summary:

In October 2001 the U.S Postal Service contacted Boneal Custom Molding to have a new mold built to replace the current mold that had been damaged beyond repair. The Postal Service requested that the new mold and sample parts be completed and submitted to them in 8 weeks.

Boneal Custom Molding and our engineering team worked with our mold builder on all the specific requirements of this very complex tool that included multiple slides, hardened materials in both the cores, and cavities for this part. Boneal Custom Molding completed the mold build and submitted sample parts for approval in 7 weeks. Following the U.S. Postal Service approval, production started in the 8th week time frame.

Result Summary:

Boneal Custom Molding was able to maintain the time line required by the U.S Postal Service and keep their mail handling systems in operation during this critical time. The mold and production parts are still in operation today.

Boneal Custom Molding Provides Technical Assistance with Material Selection

Customer:

Rev-A-Shelf, Cabinet Manufacturing Company

Customer Need:

Material selection for a Screw In Clip for Rev-A-Shelf, LLC



Project Summary:

In January 2002 Rev-A-Shelf contacted Boneal Custom Molding with an issue with a Screw in Clip used in the kitchen cabinet industry. The failure in the field for this part was nearly 100% and the Customer needed help selecting a material that would provide better durability under the hot and cold environment they were exposed to. Rev-A-Shelf needed a very quick turn around on this problem.

Boneal Custom Molding and our engineers contacted over fifteen different material suppliers and found a material that resolved this issue in a one week time frame.

Result Summary:

Once the material was approved, Boneal Custom quickly resolved to this problem and turned Rev-A-Shelf's inventory, both in house and their customers, in a two week time frame. This material and the process is still in production today.

Boneal Custom Molding Prevents Sorting Line Shut Down



Customer:
United States Postal Service

Customer Need:

Repair of an existing mold and a continuous supply of the Bucket Module during the repair process.

Project Summary:

In February 2014 the U.S. Postal Service contacted Boneal Custom Molding to assess the cost effectiveness of repairing an existing mold versus replacing the mold with a new one. An additional concern was the need for replacement parts during mold repair process.

Our engineering team determined that repair was the most cost effective and fastest option. To ensure a continuous supply of this critical item, our engineers recommended using a “back-up” mold that was placed in long-term storage. The Postal Service approved both recommendations. BCM recovered the “back-up” mold and put it into service and concurrently coordinated the repair of the primary tool.

Result Summary:

Boneal Custom Molding was able to retrieve this second mold in a time line required by the U.S postal Service to keep their mail handling systems in operation during this critical time. The primary mold was repaired and returned to operation ahead of schedule and part production is still in operation today.