

INCREASE UPTIME

WITH THE UNILOY MOLD MAINTENANCE R&R PROGRAM

THE SITUATION

When it comes to manufacturing, uptime is crucial. The general wear and tear on machines and parts can lead to downtime, reduced efficiency, lower productivity and even lost business. Uniloy partners with our customers to lessen the impacts of long lead times for mold repairs, fluctuating maintenance costs and loss of production.



THE STRATEGY

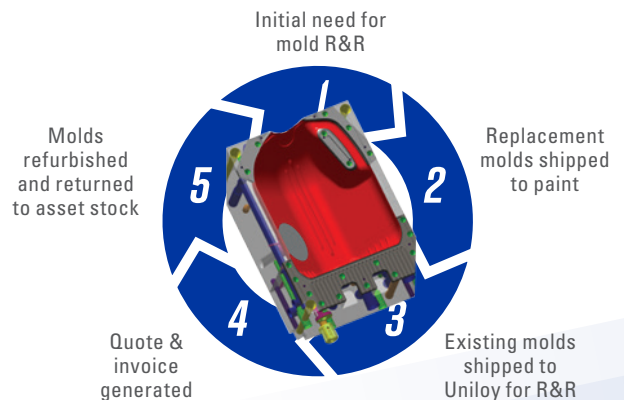
Uniloy implemented the Mold Maintenance R&R (Repair and Refurbish) Program to maximize customers' uptime, provide predictable maintenance costs and deliver consistently higher-quality results. With this program, we stock a set of already repaired and refurbished molds for customers. When molds wear over time and eventually need service, we immediately send the already repaired and refurbished molds to the customer, reducing or eliminating downtime and helping them run a quality product for longer. These molds are standardized so they can be used at any of the customer's locations. We complete the circle by then repairing and refurbishing the returned, worn molds, preparing them for the next round of use.

THE RESULTS

The Mold Maintenance R&R Program is allowing customers to quickly switch out worn molds with repaired and refurbished molds, reducing or eliminating downtime. Because they no longer have to run molds until major work is needed on them, customers are lowering their overall maintenance costs and are better able to predict future expenditures. We are also helping customers manage their mold assets across their network, so they have greater visibility of what molds are replaced at which locations and the frequency. With the Mold Maintenance R&R Program, Uniloy is reducing the lead time for mold repairs and refurbishments and maximizing the customer's uptime, productivity and operational efficiency.

UNILOY 15-POINT MOLD RECONDITIONING PROCESS

1. Inspect all neck rings: check height, pinch-offs, re-assemble and indicate.
2. Check and record all dimensions.
3. Disassemble, clean and evaluate mold cavity.
4. Inspect all water lines.
5. Repair all pinch-offs and re-sharpen.
6. Replace all pins and bushings and O-rings.
7. Grind parting face surface and back of mold to remove damaged material. (We laser weld parting face today, do not grind parting face.)
8. Re-match parting face.
9. Re-cut and clean all parting face vents.
10. Re-cut all flash pockets and top block counter bore.
11. Re-assemble.
12. Sandblast cavity surface.
13. Step back plate.
14. Water test mold half to eliminate all leaks.
15. Record all final dimensions (total shut height 5.432 per mold half).



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**MAXIMIZE UPTIME. PREDICTABLE
MAINTENANCE COSTS DELIVER
HIGHER-QUALITY RESULTS.**
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