

FROM DOWNTIME TO DEPENDABILITY: STREAMLINING BOX CODING

RESMARK 5000 SERIES

INTRODUCTION

A national food manufacturer had one issue, needing a coding and marking system to print four lines onto their boxes: product code, lot code, best-by-date, and barcode. While the application itself was straightforward, their existing marking and coding setup was making the process complicated and costly. What should have been a routine function had evolved into a recurring source of downtime, expense, and frustration.

Recognizing the opportunity to add value, we worked closely with the client to understand the challenges they were experiencing and the impact on their production line. Their goal was clear: restore simplicity, improve reliability, and reduce operational costs.

We delivered a dependable marking and coding solution with the ResMark 5000. By replacing the previous process with the ResMark 5000, we were able to eliminate unnecessary downtime while reducing maintenance demands and overall running costs.

CHALLENGES & OBJECTIVE

The client's primary concern was centered around the overall cost of ownership of their existing marking system. Ongoing expenses, including replacement parts, higher-than-expected cost per mark, and frequent maintenance, were steadily impacting their operational costs. The previous system's heating and cooling cycles had caused delays during startup and shutdown, along with print inconsistencies occasionally resulting in misprints or incomplete barcodes. These interruptions affected overall production productivity, profitability, accuracy, and customer satisfaction.

We saw this as an opportunity to help them regain control of both performance and costs. By carefully evaluating their process, we identified key areas where efficiency could be improved and expenses reduced. We provided responsive, proactive support to ensure the ResMark 5000 would serve their plan and operate at peak performance.

The result was a more stable production environment, significantly reduced downtime, and a lower total cost of ownership.

CASE OVERVIEW

INDUSTRY: Food Manufacturing

LOCATION: United States

DIAGRAPH SOLUTION: ResMark 5000 Series

SOLUTION & IMPACT

We implemented the ResMark 5000. Designed with reliability and ease of use in mind, the system eliminated the need for lengthy heating and cooling cycles and significantly reduced maintenance requirements. Its modular configuration and easy printhead swaps simplified servicing, while adaptable software allowed for seamless integration into the existing production environment.

The impact was immediate. Uptime increased as unexpected stops decreased. Maintenance demands were reduced, and when service was required, it could be completed quickly and efficiently by onsite staff. The total cost of ownership dropped due to lower replacement part costs and a reduced cost per mark, helping this manufacturer to streamline their operational needs.

Most importantly, the process returned to what it was always meant to be: a simple, reliable way to print four clear, high-resolution lines onto every box.

This case highlights how even simple production requirements can become costly and inefficient when supported by the wrong technology. By switching to the ResMark 5000, the client transformed a problematic process into a streamlined, cost-effective, and reliable operation.