

Automatic Spray Painting For Wood Applications



Customer Needs

Through Carlisle Fluid Technologies distributor Spray Equipment & Service Center, we became aware of a large kitchen cabinet manufacturer who was actively searching for an upgrade to their current system. Our team met with the customer and their coatings supplier to discuss the challenges they faced on a daily basis, as well as reviewing their process in detail. Through this review, Carlisle Fluid Technologies was able to identify potential performance improvements and suggested trialling our new Binks® AG-364 Airless automatic spray gun with them to improve their results.

The company was looking to improve areas of:

- Number of guns in use
- Booth cleanliness from excessive overspray
- Elimination of air as a control element
- Reduced coating usage
- Overall finish quality and appearance through a more consistent spray film application

For the trial process, the testing was designed so that it would not intrude on the company's production requirements. The Carlisle Fluid Technologies team was prepared with multiple options to ensure we could optimize the application successfully and prevent any impact to standard production.

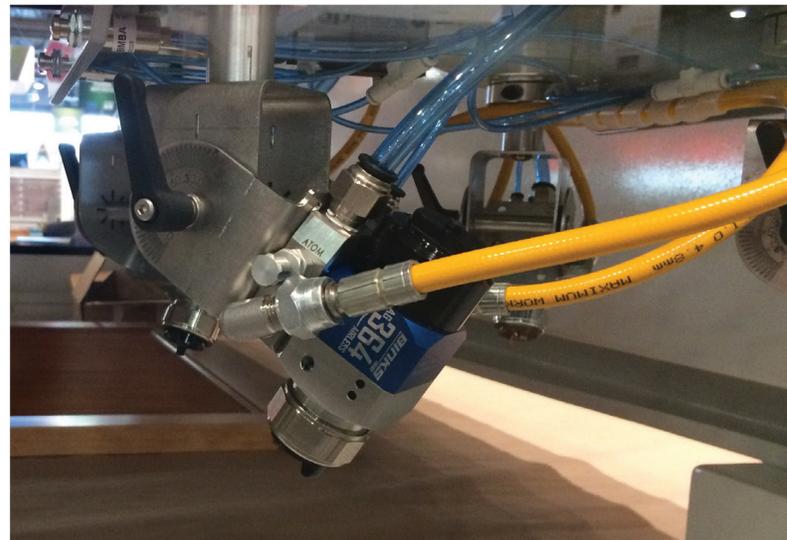
Results

The new guns set up quickly, consistent with expectations in advance of the trial. Since atomization air is no longer required with the Binks AG-364, the customer found the process control was simpler to manage and adjustments were intuitive and predictable. Key highlights from the trial included:

- Reduced number of guns from 8 to 4
- Reduced air consumption by 40 CFM (cubic feet per minute)
- Reduced machine cleaning downtime by an average of 2 hours per shift
- Reduced coating usage by 25%
- Increased production from 540 charges to 1550 charges on the third day

System Success

The customer reviewed the new process with our team, expressed a high satisfaction level, and agreed to run production. Only minor adjustments to improve transfer efficiency and process control were needed to finetune the trial.



Your Binks Solution

Note: Every application is unique. The key products shown here are for a specific customer's installation. Carlisle Fluid Technologies has many configurations available, and we will work with you to determine the best fit for your application.

Innovation Applied

Contact your regional Sales representative to learn how the Binks AG-364 can improve your business.

The brands you trust

Carlisle Fluid Technologies, a wholly-owned subsidiary of Carlisle Companies, Inc., is dedicated to providing customers industry-leading solutions for the supply, control, application and curing of a wide range of paints, powders, sealants, adhesives and other application materials. From manual finishing equipment, to highly automated mass-production installations, the company solves customers' material application challenges through the combination of product innovation and decades of technical expertise. Focused on efficient, cost-effective global solutions for the transportation and other industrial markets, the company offers an expanding collection of pioneering product brands — Devilbiss®, Ransburg®, ms®, BGK®, Binks®, Hosco® and Ecco™.

Let's start a conversation

We want to work together to help answer your application challenges. To learn more about what we can offer, visit our website at carlisleleft.com or call us today.

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