



Success Story

When it comes to mixing paint, accuracy is the key to achieving a high-quality finish. In this case study we discuss a 2K solution that helped this customer perfect their process and save tons in production costs.

GET THE PERFECT RATIO WITH GEMS 2K

CUSTOMER

Manufacturer of roadside transformers.

CHALLENGE

This company has a small parts booth for primer and topcoats. The operator had to manually mix two types of epoxy and one urethane. Each day he had to spray all three colors from the same hot pot system. The color change process was a major problem as the different parts to be sprayed were not batched. This caused a lot of waste of paint and solvent. The other concern was being off ratio and parts not curing properly. This was a major cost to the company. They also had a large booth that sprayed the finished transformer. They had to utilize the same paints and this process had the same problems. If the large transformer was off ratio, they had to sand the paint off and repeat the entire process. This proved to be a very expensive problem.

SOLUTION

Air Power proposed to install a Carlisle GEMS 2K mix system for each color. We also put in a pump system to pump and circulate all paints to the mix machines. The catalyst was dispensed to the machines from 5-gallon pressure tanks. The 55-gallon drums of paint each had an agitator in them to keep paint in suspension to maintain viscosity. By having a machine for each color there was no color change or off ratio problems.



RESULTS

The Air Power Solution eliminated the need to hot pot in tanks. Since each color is mixed on demand; this system provided a major labor savings. There is no paint waste and the newly established process saves about 2 to 3 hours per shift as compared to manually formulating and mixing paint. The solvent usage was greatly reduced as there was not a tank to clean each color change. This solution has been able to speed up production on all three shifts. Our technical group and installers were able to put system in place without impeding the customers production runs.



Meet Jerry Hendrick

Jerry Hendrick joined the Air Power team almost 45 years ago. Jerry's territory covers the Raliegh/Duham area of North Carolina. His demonstrated industry expertise is a part of what makes Air Power great!

**ASSEMBLE.
MOVE.
COAT.**

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ABOUT US

Air Power is a leading distributor of industrial products and integrated solutions provider. Air Power shows a true dedication to supporting the needs of their customer base by not only distributing industrial equipment, but also offering repair services in-house and in the field, engineering services for integrated solutions and over 50 years of industry experience.

Air Power boasts an impressive team of over 30 Account managers, over 40 application specialists, and 9 branch locations in 3 regions across the Southeast including Mexico, all under 1 company with 1 mission: to build lasting relationships by supporting the manufacturing community with quality products and highly engineered solutions to effectively assemble, move, and coat the products that shape our world.



LOCATIONS

High Point, NC
Raleigh, NC
Lenoir, NC
Charlotte, NC
Salem, VA
Greenville, SC
Chattanooga, TN
Atlanta, GA
Tupelo, MS
Monterrey, MX
Orlando, FL



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