



ProMix PD2K – More Material Saved with Less Equipment

CUSTOMER

Agricultural Equipment

GRACO EQUIPMENT

ProMix PD2K

CHALLENGE

A mechanical engineer overseeing finishing at an agricultural equipment manufacturer noticed there was a lot of material being wasted. The 25-foot hoses connected to their four older ProMix II units created unnecessarily large flushing zones that were used for 15-20 color changes per day. It doesn't take a mathematician to realize these factors equate to wasted time, material, and solvent. They needed a better way to mix their primers and topcoats, and consolidate their equipment in order to run a more efficient paint line.

SOLUTION

With guidance from their distributor, a couple of suggestions were made to maximize their solution. The first was to upgrade to a new 2KE unit, which would be dedicated just for their primers. Allowing them to feed two separate booths for priming material at the same time. The second was to install a PD2K for the two booths requiring multiple color changes. This plan would allow them to decrease flush zones, create quicker color changes, and generate less waste. All the while, consolidating their equipment from four machines to down to only two.

To reassure the value of the new equipment, the distributor and account manager invited the engineer to visit a facility already running the 2KE and PD2K, where they could see the results for themselves.

RESULTS

The company followed the advice of the distributor and Graco. Over the first 6 months, both pieces of equipment had exceeded expectations. The 2KE unit increased throughput by over 25%, while the PD2K cut down total wasted material over 40%. Original estimates had put them on track to purchase another PD2K unit about a year after the initial install. However, with the savings reported they were able to purchase that second PD2K in half the time. Putting them on the fast track to even more efficiency savings.

