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Case Studies

"Moving into the 21st Century with DW Global Hoppers / Silos."

Case Study #4 - Material shipment between plants – labor / time savings

Problem:

Organization "D" is a large processor with many plants. Three plants running the same raw material are located within one state with the largest distance between being about 250 miles. All three plants have blending facilities which are primarily used for color dispersion as well as other proprietary additives. All blended materials were then placed into cardboard gaylords for in plant storage & for use on the production floor. Cross contamination has always been a problem at each plant and a study was conducted on how to avoid this problem as well as the increasing operational & labor costs related to these blending operations.

Solution:

Since each of the plants run the same materials, a decision was made to study the cost savings if they condensed the blending of some materials within the plants, and then ship the blends from one plant to another. The blending operations was divided into the three plants with each only doing specific blends and dedicating where possible one blender to only that blend thus eliminating, or at least minimizing, the cross contamination problem. Labor costs and time loss related to cleaning the blenders between runs was virtually eliminated, and more than paid for the costs related to shipping material between the plants. DW Hoppers were chosen for several operational reasons, but the initial reasoning came from the ability to stack and load & unload the hoppers two at a time in a truck, with the assurance that the hoppers nest together tightly and will not fall over or leak material. The lids are also tight enough to ensure any moisture that might contact the hoppers will not contact the material inside.

Summary of savings:

Not available at this time.