

MATTSON'S

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Applying Intelligence

Problem

When Minnesota-based NorStar assessed its production facilities, Paint Supervisor Scott Dubla decided it was time to streamline the paint production process. As a leading manufacturer of articulating extendable boom trucks, painting parts is a major factor affecting the company's production costs. During the assessment, Scott found that his crew was using outdated equipment that was time-consuming to operate and expensive to maintain. He also realized the painting process resulted in a substantial amount of wasted pre-mixed paint.

Solution

It quickly became apparent to Scott that the only solution would be to implement a new coating system into the painting facility. After thorough research, Scott chose the Mattson AutoPilot™ fixed-ratio proportioning system. NorStar saw an immediate production increase due to the dramatic drop in time-consuming maintenance and equipment cleaning. What's more, the AutoPilot reduced wasted pre-mixed material and reduced the cost of waste disposal. In fact, the company realized an 80-90% reduction of waste material, paying for the Mattson system in just a few months!

Performance

The AutoPilot's role in increasing NorStar's production level and decreasing its costs can be attributed to its innovative design. Using fluid pressure, the AutoPilot in-line proportioner consistently delivers paint and activator in the desired ratios. Dual double-action pistons supply sprayable material without the traditional pump surge or pulse, while a fixed ratio eliminates any chance of operator error. By mixing only needed material as the gun is triggered, the AutoPilot provides the paint crew with total control of materials from container to application, and reduces NorStar's material and waste costs.

NorStar's paint crew also finds the AutoPilot easy to operate. Since it is not a pump, there are no check valves to stick and cause inaccuracies. With fewer moving parts to maintain, cleanup is fast and easy, extending production time and virtually eliminating maintenance costs. Not only has the AutoPilot benefitted NorStar financially, but it has made the painting process much easier for NorStar employees!

To find out how the AutoPilot can work for your operation, contact Mattson at 800-877-4857, or check out our web site at www.mattsonspray.com.

