

T & S ENTERPRISES

Finishing costs reduced

Problem. A global manufacturing leader was looking for ways to reduce the operating costs of its industrial paint finishing system as it implemented new process equipment. Their concern was the ever increasing heating costs, waste management costs, electrical costs, maintenance costs, and more that they had been dealing with for decades.

Solution. T & S Enterprises designed, manufactured, and installed a new paint finishing system that offers greatly reduced capital and operating costs. By implementing T & S Enterprises' single stage, water-free pretreatment machine, the manufacturer eliminated four pumps, 100 percent of its water and sewer costs, 100 percent of its waste management costs, and the ongoing costs associated with their previous multi-stage machine.

With the drying and curing ovens provided by T & S, the manufacturer was able to reduce its natural gas usage by approximately 34 percent and its electrical requirements by an additional 23 percent. Additional benefits included the decreased start-up time (thus allowing the customer to increase its production) and the opportunity to run the ovens within 1 percent of their set-points!

The fast installation time allowed the manufacturer to be in full production within days vs. weeks.

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