Accurate Steel Treating Installs Automated Multi-Furnace Nitriding System

Accurate Steel Treating of Southern California has implemented a multi-furnace nitriding system from Super Systems Inc.. Since 1962 Accurate Steel Treating has been leading the way with one of the most advanced heat-treating facilities in the industry.

The Super Systems nitriding system includes all the controls and safeties to provide a fully automated nitriding process. The installation supports a multi-furnace configuration where the furnaces can be selected for automated controls. The various sizes of gas nitriding furnaces utilizing these automated controls provides Accurate with flexibility to run a variety of part and load sizes.

The control system provides automatic cycle controls with less operator involvement, creating an error free environment, delivering repeatable, traceable and higher quality products. “Our goal was to install a system which provides us flexibility for various load sizes and a wide variety of customer specifications that could deliver precise control”, says Mike Bastian of Accurate. “SSi has delivered just that, a proven automated nitriding system incorporating a multi-furnace manifold system which gives us outstanding results and a greater value added for our customers”, continues Mike.

“Accurate has seen fantastic metallurgical results for a variety of materials for various customer specifications”, says Steve Thompson of Super Systems. “We are excited about the implementation of a multi-furnace gas nitriding system so Accurate Steel Treating can now utilize the automation for precise control and repeatability across multiple retorts. This system handles different load sizes and processes to maximize furnace utilization.”

For the last decade, Super Systems Inc. based in Cincinnati, OH., has been developing and manufacturing products for the metal treating industry. SSi’s products include probes, analyzers, controllers, software solutions and engineered systems. With over a hundred years of combined experience, SSi has been addressing industry demands with technology to aid customers to be more efficient and produce better quality products.

For more information on SSi’s capabilities please visit our website at www.supersystems.com