



Wheel Refinishing System – Cell Finishing System



Background

In 1997, Blasdel Enterprises was approached by a tire re-treader and wheel refinisher to provide a complete wheel refinishing system, which included a shot blaster, powder booth, powder gun and infrared oven. The customer wanted the system to utilize a small footprint of space as well as be manned by one or two people.



Equipment

Blasdel Enterprises' medium infrared ovens can cure a powder coated wheel in six to nine minutes compared to 20-30 minutes processing time for a convection oven. This keeps the production flowing steadily rather than coated wheels waiting for the oven cycle time to complete. The ovens have at least two processing zones for adjustment and flexibility. The oven can cure liquid paint or powder coating on steel or aluminum wheels. The ovens have pneumatically controlled doors to retain the heat in the oven cavity and cycle on the indexing of the conveyor. This system includes an industrial grade conveyor.



Cost Savings with a Turnkey System

Blasdel provided all components of a complete system that increased the customer's productivity and reduced energy costs while utilizing a small footprint. With the money saved, the customer was able to provide this service at new locations. The systems have been so durable for the customer they have replaced outdated convection oven equipment in their other facilities.



Follow-up

Blasdel Enterprises utilizes this design for other applications as our equipment is flexible for many processes. Please contact us and we will customize this small footprint for your cell manufacturing.