

Customer

solutions

Industry / Application: Heavy Duty Truck & Trailer
 Success: **Improved Etched Surface prior to Powder Coating**
 Company: Reitnouer
 Subsidiary of DorMae
 Location: Reading, PA
 Date: October 2004



When Reitnouer, a subsidiary of DorMae introduced its first totally bolted aluminum flatbed trailer in 1982, it revolutionized the industry. Located in Reading, Penn., Reitnoeur is a 20-year old company that eliminated the need for welding by creating an all aluminum trailer that is bolted together. This method has proven to be successful because it combines strength and weight savings features.

In 2003, Retnouer built a new factory and contacted Wheelabrator to create a machine to fit within the facilities 20 foot tall ceiling. A custom-designed Wheelabrator® eight wheel monorail with a four foot cleaning envelope provided Reitnouer with their solution. Ed Houck of Reitnouer states, "We were very impressed that Wheelabrator was willing to work with us and custom build a machine to fit our new building. We are pleased with the machine that was an addition to our production line and has satisfied the needs of Reitnouer trailer and any additional customers that DorMae serves."

The Wheelabrator monorail machine blasts individual trailer components, providing an etched surface on the steel prior to assembly and powder coating. The Autoblast® machine features eight 20 hp TargLok® blast wheels, which blast components in a minute and a half from start to finish. The wheels have a 26 ½" diameter and run at 1800 rpm. A mixture of S280 steel shot and grit provide the required profile necessary for powder coating. Media is reclaimed via the attached abrasive recovery system and spill hopper while dust from the process is collected in a dust collection located outside of the building.

Introduced in 1908, Wheelabrator blast cleaning and surface preparation equipment, a Wheelabrator Group technology, is one of the most recognized brands in the industry. Wheelabrator designs offer a full line of blast cleaning equipment and systems suitable for a variety of finishing requirements.

Wheelabrator is a registered trademark of Wheelabrator Technologies, Inc. Autoblast and TargetLok are registered trademarks owned by Wheelabrator Group, Inc.

Customer

solutions

©2006 Wheelabrator Group