Skew Roll machines are designed to rotate a part in the blast zone for 100% exterior surface cleaning while conveying thepart through the machine. The "V" shaped conveyor rolls are turnedat a 45 to 60 degree angle to the horizontal axis of the machine to control the number of part rotations in the blast zone and the speed of travel through the machine. The new Skew Roll Machines, designed based on the latest technology, measure 12 feet long, 8 feet wide and 16 feet high including the elevator. The two identical machines run side by side. Western Coating blasts 1/4 inch to 2 inch rebar in these machine. The rebar is loaded 90-degrees to the conveyor travel, and each machine has one blast wheel that blasts grit onto the rebar putting a deep profile on the rebar. After blasting, the rebar goes through a process known as fusion bond coating. The bar is heated in an induction machine to a specified temperature, then coated with a fusion bond powder epoxy and cooled with water. Finally, the rebar is holiday tested for voids in the coating. Tom Whitish, branch manager for the Western Coating plant in Auburn, Wash., states, "Our new Wheelabrator machines run up to two shifts per day. We have had almost no maintenance on them, and they have very little clean up. We are very pleased with the profile they provide on the rebar, as well as with their production."

Skew Roll Machines provide an excellent solution for blasting round cylindrical objects 12 inches in diameter or less. Capable of handling large production runs, these machines are often utilized for scale and rust removal prior to coating, profiling, descaling and shot peening on any number of objects including tubing, rods, bar stock, billet and more.

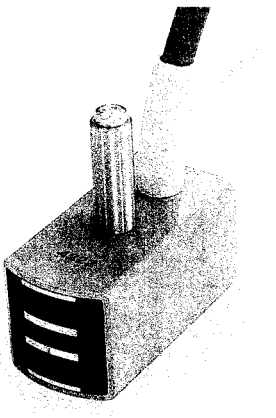
Wheelabrator is a registered trademark of Wheelabrator Technologies, Inc.

American Stress Technologies

Aerospace Sensors

Pittsburgh, Pennsylvania. High Output, ID and OD sensors for testing through platings and paints have been developed by AST/Stresstech. Testing through chrome or paint on an aircraft to evaluate the condition of the base metal is now possible. These sensors are connected to a Rollscan central unit where the test information is displayed and outputted for the operators use.

Since 1983, American Stress Technologies (AST) has provided residual stress, retained austenite, and process control instruments. The company also provides contract testing services for residual stress testing, retained austenite testing, grinding burn defect testing and heat treat defect testing. Products and services are available rapidly worldwide from AST and the other divisions comprising the Stresstech Group: Stresstech Oy and Stresstech GmbH.
email info@astresstech.com



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