



CASE STUDY

Osborn delivers superior finishing solutions saving the customer \$50,000 in projected annual savings.



The Challenge

A leading global manufacturer of aerospace components wanted to improve their manual turbine blade finishing operations. The customer's goal was to improve throughput and quality while reducing costs, time and secondary operations.

The Solution

Osborn's technical sales experts conducted an onsite application audit and identified an opportunity to eliminate a secondary hand finishing operation with an automated cellular solution. Osborn's technical expert recommended an ATB™ Silicon Carbide End Brush in place of the coated and nonwoven abrasives previously being used. Osborn's ATB™ End Brush features a removable plastic bridle and offers increased rigidity and aggression while delivering exacting consistency to the finished parts.

The Results

Osborn's ATB™ Silicon Carbide End Brush solution delivered a consistently superior finish. The improved performance allowed the customer to transition from a costly, time consuming hand finishing process to a highly efficient, automated cellular process. This transition significantly reduced lost time, rejected parts, rework and scrap resulting in annual projected savings of \$50,000.

For more information, visit osborn.com.

About Osborn

- Global leader in surface treatment and finishing solutions
- 1,250 employees worldwide
- Sales offices in 13 countries
- Customers in 120 countries
- Established in 1887

Project

Evaluate a manual secondary finish operation of aerospace turbine parts and provide an optimized brush solution.

Industry

Aerospace

Solution used

Automated finishing process utilizing an Osborn ATB™ Silicon Carbide End Brush

Customer savings

\$50,000 annually

"We are very impressed with the improved process and labor savings as well as the improved quality and consistency to the part."

Production Manager
