



CASE STUDY

Osborn provides world-class finishing solutions for a high performance exhaust manufacturer, resulting in radical cost savings and reduced downtime.

ATB™ (Advanced Technology Brushes) Wheel Brushes

Mi Item #	Mfr Description #	Dia.	Fill Dia.	Grit Size	Arbor Hole Dia.	Max RPM	Trim Length	Face Width
03288207	0002228800	6	0.022	320	2	6,000	1-1/16	7/8
03314612	0002228700	6	0.035	180	2	6,000	1-1/16	7/8
03314610	0002228500	6	0.040	80	2	6,000	1-1/16	7/8



The Challenge

A high performance exhaust manufacturer was using a rubberized aluminum oxide radial brush as their solution to clean and finish exhaust cans and weld joints. Annual spend was \$200,000 and they were urgently searching for a more optimum solution.

The Solution

Osborn’s technical sales expert was engaged to assess the end user’s challenge and find a solution. After assessing the challenge, Osborn’s technical sales expert and product design engineering team developed, prototyped, and tested a customized ATB™ brush solution. The brush was engineered with longer trim for more flexibility and finer grit to maximize brush life and improve the finish; without a secondary finishing operation.

The Results

Increased brush life, leading to increased productivity and profitability is becoming more important than ever. Not only for productivity gains throughout the life of the brush, but avoiding costly process downtime during brush changeovers.

Original estimates of twice the life of the incumbent brush were doubled after putting the Osborn solution into production. Not only did the life of the Osborn solution provide upwards of four times the life of the incumbent brush, it provided a better overall finish and increased the end user’s throughput. All of these factors combined resulted in an astounding \$120,000 cost savings to the end user.

Visit Osborn’s brand page to view our complete offering: <https://www.motionindustries.com/brand/06039/Osborn/en>

If you’re in need of a custom wire brush solution for your application, contact your Motion Industries representative to engage the experts at Osborn.

Osborn produces ATB brushes in five basic configurations:



Wheel Brushes



Disc Brushes



Cup Brushes



End Brushes



Internal Finishing Brushes