DYNABRADE®

WE LISTEN. WE OBSERVE. WE INNOVATE.

Gear-Driven "Mudhog" Vacuum Sander Case Study

Demonstrating the Cost Savings of Dynabrade's 6" Gear-Driven Sander (Model #58444) for Paint Removal

MADE IN USA

How much difference can one tool make?

To showcase the effect of using the proper combination of tools, abrasives and process, Dynabrade has created a Cost Savings Program.

Dynabrade's Cost Savings Program analyzes and documents process, tool and abrasive use to improve the user's profitability and strengthen our relationships with our customers. By reducing the amount of time/steps it takes to achieve the desired outcome, a significant savings can be achieved.

The Before...

The collision repair shop in this particular case study currently uses a 6" diameter Palm-Style Random Orbital Sander with central vacuum capabilities for stripping old paint off of vehicles.

Cost Savings Analysis...

In this evaluation, we are comparing Dynabrade's 6" Gear-Driven Sander (#58444), commonly known as a "mudhog", using a one-step process with 180 grit disc versus the 6" Palm-Style ROS with a two-step process beginning with an 80 grit disc and then finishing it with a 180 grit disc to remove the paint on a hood of a truck.

The Numbers Don't Lie...

In the column to the right, you can see the figures for significant cost savings!

The After...

The collision shop agreed to make the investment on a Dynabrade 6" Gear-Driven Sander and to see a potential cost savings of $61,704 over a two-year period. Since we were able to reduce the number of steps in the process, the shop was able to improve their output from stripping one car/day with one operator to stripping three cars/day with that operator.

More to Come...

After performing the Cost Savings Analysis, the Dynabrade representative believes there is more savings to be achieved for this shop. Dynabrade will continue to evaluate this shop's processes for other high-labor cost functions that could offer a potential savings. A future cost savings analysis will be performed at this location analyzing their buffing process.

If you're interested in having a representative visit your shop for an analysis, go to **http://www.dynabrade.com/aahelp** and mention "cost savings" in the message field.

TOOL SPEND

Current Process (1 Step)

Tool Used:	6" Random Orbital Sander
Quantity Tools:	8 (2 Years)
Repair Spend:	$360 (2 Years)
Total Spend (2 Years):	**$2,668**

Dynabrade Process (1 Step)

Tool Used:	6" Gear-Driven Sander (#58444)
Quantity Tools:	2
Total Spend (2 Years):	**$2,444**

2-Year Savings **$244**

LABOR SAVINGS

Labor Rate:	50
Time Savings Per Part (Sec):	7,920
Number of Operators:	1

2-Year Savings **$55,000**

ABRASIVE SAVINGS

Current Annual Spend (2 Years):	$8,640
Proposed Annual Spend (2 Years):	$2,160

2-Year Savings **$6,480**

TOTAL POTENTIAL SAVINGS: $61,704