TA Industrial Solutions
supplying the way to maximum yield

Case Study | Sanding Dust Control

Customer: Automotive Metal Stamping

Challenge:

1. Control metal and aluminum dust in rework area
2. Minimize CapEx
3. Keep dissimilar metal dust segregated

Benchmarking:

1. Current method is to sand parts with a non-vac orbital sander. Sanding all parts creates fine metal and aluminum dust. The areas have to be swept daily.
2. Aluminum part is long and flat, abrasive consumption is .7 parts per disc
3. Steel part is a small and curved part, abrasive consumption is 19 parts per disc

Solution: Self generated vacuum orbital sanders, clean sand discs and disposable dust bags

Results:

- Dramatically reduced airborn sanding dust

Part type	Previous	New	**Annual Savings**
Aluminum, long/flat	$ .26/part	$ .089/part	**$ 11,372**
Steel, curved	$ .032/part	$ .021/part	**$ 4,950**