Progressive Die Stamping

Evaluation and Opportunity
This customer had very specific finishing needs that required two applications for each part - deburring after stamping and finishing.

The process consisted of using several grits and types of grains. With many different products used on each machine, down time was significantly increased.

Product dressing time was used to wear down a new belt to match the required finish. To avoid wasting machine down time or dressing belts to a certain grit, a compact grain product could last 15 to 20 times longer without any dressing required.

Conclusion
After much internal lab work each finishing requirement was matched with the appropriate compact grain size and confirmed by several surface measurements. Existing belt usage was cut by nearly 50% with a lower product cost.