What was the challenge you set out to solve?

Preparation and Clean-up time on Micro Surfacing Sled. Prep time and clean-up was taking 3-4 hours. This cuts into a lot of daily production time.

How did you develop and implement your solution?

Find ways to cut prep and clean-up times. Grease was being applied by hand, or a brush/broom. Process was taking way too long. Clean-up time is based on a good layer of the grease to keep the material from sticking. In turn created a lot of scraping, and longer clean-up times.

What did it take to make this solution a reality?

- Take 4-6 people.
- 3-4 hours.
- Prepping and cleaning.
- Taking half of an eight (8) hour work day.
- Purchased a drywall texture gun - $50.
- Purchased a Turbo nozzle - $17.
- Purchased a Paint Mixer - $10.

What was the cost of implementation?

Total Cost = $77

What was the impact and results of your efforts?

Taking roughly $25 per hour employee x 4 = $100. 6 employees per hour = $150.
Cost for 3 hours for 4 employees = $300. Cost of 6 employees per day = $900 per day.
Cost for 4 employees per week = $1500. Cost for 6 employees per week = $4500.

Times have been cut down to 1 to 1.5 hours clean-up and prep time total per day. Total per day instead of $300 for 4 employees is now $100-$150 per day. Cost of 6 employees is now $150-$225. Cost for 4 employees for the week is now $500-$750. Cost of 6 employees is now $750-$1125 for the week.
As one can see this is major savings on clean-up and prep and allows more time for progress.