

# Case Studies



## Spartanburg Steel Products Saves Millions After Implementation of Forming Technology Solution

Forming Technologies Inc., – Oakville, ON, Canada

Spartanburg Steel Products seeks cost-effective method for nesting sheet metal blanks on coils

### Customer Concern:

- Reduce Material costs
- Optimize nesting layout for material utilization
- Increase coil utilization
- Reduce scrap waste

### Solutions Provided:

- Utilize BLANKNEST Software by FTI
- Implement technology that will quickly and accurately determine the best material utilization for one-up and two-up layouts

### Results:

- Ability to quickly run “what if” scenarios to determine optimized layout solution
- Ability to automatically calculate the best nesting layout and cost per blank
- Achieved material cost savings in the preliminary stages of die design

### Summary:

- \$ 712,000 in savings per Year and \$ 4.2M over the six year automotive program
- Increased coil utilization by nearly 20% from previous manual method
- Reduced Scrap waste which lead to an Return On Investment on the first program



***“Amazingly, over the six year program, \$ 4.2 Million is the Actual Cost Savings being applied to our current automotive program.”***

***Scott Moore, Spartanburg Steel***

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