

20

21

Metalworking Case Study  
 AMC Machining  
 Product Cost and Labor Cost Savings

## Metalworking Case Study

2020 DOCUMENTED COST SAVINGS: **\$60,200.00**

**AMC MACHINING, INC.**

PRODUCT CATEGORY: **Product Cost,  
 Labor Cost Savings**

SUPPLY PARTNER:



### CUSTOMER PROFILE

*AMC Machining is a modern 21st Century manufacturer specializing in CNC Turning, Swiss Machining and 5 Axis milling located in Paso Robles, CA. AMC Machining has grown rapidly and continues to reinvest in the highest quality CNC machines available. In 2014, AMC Machining moved into a new 25,000 square foot temperature-controlled facility to house the over 50 CNC machines and a state-of-the-art inspection lab.*

### THE OPPORTUNITY

For the last six years Stellar Industrial Supply has supported AMC Machining with industrial supplies and process improvements. In 2020, AMC Machining was looking to reduce the cutting time to cut through 14" diameter SS 304 solid bar. Utilizing their existing metal blade, time to cut through a bar was 25+ minutes, yielding 19.2 parts per 8 hour shift. Stellar specialist Bob Alvarez introduced the newly released Lenox Gen Tech Carbide Tipped Blade as an alternative.

### SOLUTION

The Lenox Gen Tech Carbide Tip Blade immediately produced results. The cut time with the Lenox blade was reduced to 10 minutes per cut, yielding 48 parts per 8 hour shift, a 60% increase in speed, feed rates.

### RESULT

With less cutting time, AMC Machining realized a 25% reduced labor cost in this process and also a cost savings changing to the carbide blade over the previous blade over a years time for a total Documented Cost Savings of \$60,200.00 yearly.

*"At fast growing companies, such as AMC Machining, production is changing, and they are moving towards a more profitable way of doing business. Lenox, world leader of bandsaw blades and always ahead in innovation, launched a blade with the purpose of fulfilling the demand for these companies. With its cutting-edge technology, The Lenox Gen-Tech is a versatile blade, capable of cutting at fast rates, providing exceptional blade life, at an affordable price point. Thanks to our partnership with Stellar and the support from our local Territory Manager, Andres Gonzalez, the blade test at AMC Machining demonstrated superior performance from the Gen-Tech blade, delivering faster cuts and longer blade life than its competitor, and also adding very significant cost savings."*

- Andres Gonzalez, LENOX



STELLAR



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*Sustaining win-win partnerships for Stellar value.*

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